



IMS ENGINEERING COLLEGE GHAZIABAD

(YEAR OF ESTABLISHMENT – 2002)

[Approved by AICTE Affiliated to AKTU, Lucknow]

Supporting Document

5.3.2. Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students' representation on various bodies as per established processes and norms)

The institution promotes student representation and engagement in administrative, co-curricular, and extracurricular activities through events such as Cultural Fest: Vibgyor, Sport Fest: Chakravayuh, and Technical Fest: Technovation.

IMSEC believes in and seeks to improve the entire development of its students. There are strict and demanding academic schedules and activities on one end of the spectrum, and fun and frolic, enjoyment, and amusement on the other. Co-curricular activities such as projects, industrial visits, guest lectures from industry professionals, the annual technical flagship event, TECHNOVATION, and extra-curricular activities such as the annual cultural fest, VIBGYOR, sports fest, CHAKRAVYUH, Diwali Nights, excursions, various club activities, and many other formal and informal, academic and non-academic activities keep students engaged throughout the year.

In the college, the following student committees/clubs are active to promote student representation and participation in different administrative, co-curricular, and extracurricular activities:

Cultural/Sports Committees: Students have strong representations in all cultural and sports committees. They help in organization and management of events. Major events include annual sports competition 'Chakravayuh' and Annual cultural event 'Vibgyor'.

Hostel Administration: Students provide strong support in the administration and management of hostel affairs. Each hostel has students in its Mess Committee. They are involved in all major decision-making aspects related to students.

Student Clubs (department level): departments organize the engineering activities through student clubs. Each club is run by students. Clubs have well defined structure & assigned roles.

Some of the active clubs are:

- GEMS, a society of BT students (Web Link: <http://imsec.ac.in/campus/biotech-department-gems>)
- KAIZEN- The Management Club of MBA students (Web Link: <http://imsec.ac.in/campus/kaizen-club>)

- FACES society of ECE department (Web Link: <http://imsec.ac.in/campus/faces-society>)
- “INFOCORP” Society, a society of IT students (Web Link: <http://imsec.ac.in/campus/infocrop-society>)
- “CODERAIDERS”, a club of CSE students (Web Link: <http://imsec.ac.in/computer-science-and-engineering/events/coderaider>)

IMS ENGINEERING COLLEGE, GHAZIABAD

Sports Management Committee / Coordinator (Students) EVEN Semester -2021-22-

Volleyball Boys

S. No	Name	Contact No
1	Abhishek Singh	9355141779
2	Prakhar	8006562291
3	Abhinav Kumar Chaudhary	6306564490

Cricket Boys

S. No	Name	Contact No
1	Chaitanya	8755428051
2	Pratham Saraswat	7060808003
3	Amit	8957936346
4	Priyanshu Rai	7887020731

Football Boys

S. No	Name	Contact No
1	Kshitij Singh	9455309445
2	Anant Tyagi	3058274356
3	Prakhar	6205322611

Table Tennis Boys

S. No	Name	Contact No
1	Pratham Saraswat	7060808003
2	Garvit Gupta	8899069771
3	Devansh Gupta	8445031928

Chess Boys

S. No	Name	Contact No
1	Priyanshu Rohila	8077086569

Badminton Boys

S. No	Name	Contact No
1	Abhishek Gaur	7007715399
2	Ishan	7455828179

Basketball Girls

S. No	Name	Contact No
1	Ritika Grewal	8979199077
2	Kanak Chaudhary	8057780796
3	Ankita Arora	9149056760
4	Kirti	9910344235

Basketball Boys

S. No	Name	Contact No
1	Ved Prakash	7844028217
2	Zeehan	9565974861
3	Jatin	9368851212
4	Yashwardhan Singh	9650414263
5	Dhananjay Saxena	9519784914

Gym Boys

S. No	Name	Contact No
1	Manik Chaudhary	8082540017
2	Shashank Ahlawat	7248005070
3	Devansh Gupta	8445031928
4	Anmol Chaudhary	7780941456
5	Tushar	
6	Anshul Rajput	9634267506



MBA

1	Rohan	8802262079
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CARROM

1	Aman Pathak	9045858611
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Kabaddi

1	Kartik	8413075849
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Athletics

1	Tanish Bhardwaj	8775946567
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Volleyball Coordinators will also be a coordinator of :-

- 1 Kabaddi
- 2 100 MT Race
- 3 Shortput
- 4 Tug of War



Uday Singh
Sports Officer

IMS Engineering College, Ghaziabad
Boys Hostel / Mess Committee (Academic Session 2021-22)

Dated: 13.12.2021

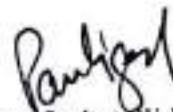
S.No.	Name of the Student	Year	Branch	Mobile No.
1	Barun Kumar Mishra	Second year	IT	7541949016
2	Prashant Pandey	Second year	CSE	9129226453
3	Prince Gupta	Second year	CS	8840779616
4	Shiva Sharma	Second year	CSE	8700501735
5	Aman Mishra	Third Year	CSE	7905075007
6	Bhavi Tyagi	Third Year	CSE	8368051326
7	Sankalp Tandon	Third Year	IT	8188866680
8	Shobhit Saini	Third Year	CSE	8574888585
9	Prashant Gupta	Fourth Year	CSE	9289319714
10	Sumit Kumar Gangwar	Fourth Year	CSE	9719718201



Boys Hostel Warden



Chief Warden



Dean Students Welfare

IMS Engineering College, Ghaziabad

Girls Hostel / Mess Committee (Academic Session 2021-22)

Dated: 19.11.2021

S.No.	Name of the Student	Year	Branch
1	Kumari Nidhi	Second year	BT
2	Prachi Singh	Second year	BT
3	Chitransha	Second year	CSE
4	Ritika Grewal	Second year	CSE
5	Sofia Saifi	Third Year	BT
6	Aditi Singh	Third Year	IT
7	Parnika Singh	Third Year	EC
8	Isha Sharma	Fourth Year	CSE
9	Shalu Yadav	Fourth Year	CSE
10	Yashi Tripathi	Fourth Year	BT
11	Neha Choudhary	Second Year	MBA


Girls Hostel Warden


Chief Warden


Dean Students Welfare

IMS ENGINEERING COLLEGE, GHAZIABAD

Department of Biotechnology

NOTICE

This is to bring to your kind notice that GEMS Society of Department of Biotechnology is organizing following event on the Date 30.04.2022. Program will start from 11:00 AM.

1. Biotechnology & Sustainable development (Poster Presentation)
2. Picture Perception
3. Innovative Idea Presentation
4. Extempore
5. One minute talent show
6. Dub-smash

Active participation of all the students of Biotechnology department is highly needed. Students of other department can also participate in this event. Faculty members are also requested to present in the program if they are not busy in other assignment.



Santosh Kr. Mishra

Coordinator GEMS



Prof. Prabir Kr. Paul

HOD, Biotechnology

Date: 30/04/2022

Time: 11:30 AM - 1:30 PM

Title: GEMS

List of B.Tech (Biotechnology 3rd Year)

S.No.	Roll No.	Student's Name	Signature
1	2nd year	Monika Anand	Monika
2		Prachi Singh	Prachi
3		Aanya Gupta	Aanya
4		Sureya Jainwal	Sureya
5		Mansi	Mansi
6		Nidhi	Nidhi
7		Vishal Sharma	Vishal
8		Neha Singh	Neha
9		Kshitij Singh	Kshitij
10		Ranjali Dandia	Ranjali
11		Abhi Singh	Abhi
12		Kaushik Sharma	Kaushik
13	1st year	Riya Mishra	Riya
14	1st year	Arushi Srivastava	Arushi
15	1st year	Aushka Upadhyay	Aushka
16	1	Kanak Sharma	Kanak
17	1	Snigdha Sharma	Snigdha
18	1	Ayushi Singh	Ayushi
19	1	Tanya Singh	Tanya
20	1st	Vansh Verma	Vansh
21	3rd	Sanya Srivastava	Sanya
22	"	Shweta Gupta	Shweta
23	"	Anuj Verma	Anuj
24		Prashant Jaiswal	Prashant
25		Deepak Mishra	Deepak
26		Deepak Solanki	Deepak
27		Rashi Tyagi	Rashi
28		Nipun Talyal	Nipun Talyal
29		Sakshi Srivastava	Sakshi
30		Pranjali Dandia	Pranjali
31	0	Ladika Kaul	Ladika
32		Pankaj	Pankaj
33			

**IMS ENGINEERING COLLEGE,
GHAZIABAD**

Department of Biotechnology

Date: 22.03.22

NOTICE

This is to bring in your kind notice that GEMS Society, Department of Biotechnology is organizing a Techno- cultural event BIOEVEN'Z on dated 26.03.22. All the interested students of Biotechnology are required to submit their name and program in which they are participating to Mr. Anuj Verma & Mr Ujjwal Garg. All the participants and winners will get certificate of appreciation from GEMS society. For further query you may contact to S. K. Mishra (9891866238)



Prof. P.K. Paul

HOD-BT


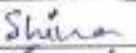

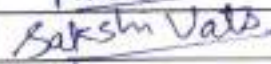
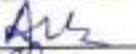
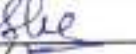



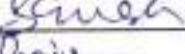
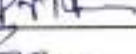
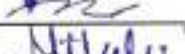
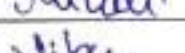
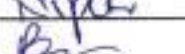
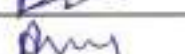
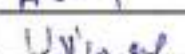
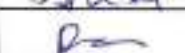
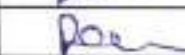


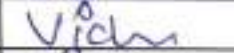

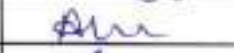




IMS Engineering College, Ghaziabad

Department of Biotechnology

Gems Society Activities, Attendance

Name of Event :- Bioevenz

Date: 26/02/2022

S.No.	Roll No	Student Name	Signature
	19	Brinda	
	49	suva	
	16	Ashwini	
	43	Sakshi Vats	
	9	Anshu	
	51	Shivani Singh	
	56	Tanya	
	42	Sakshi Srivastava	
	36	Priyanshi	
	44	Sanskriti	
	35	Priyal	
	33	Poojali	
	26	Mitalki	
	29	Nipun	
	30	Parikh	
	10	Anu	
	57	Ujwal	
	21	Deepak Mishra	
	22	Deepak Salauki	
	46	Sakanya	
	05	Akshit	
	59	Vidushi	
	31	Pragya Tiwari	
	02	Abhishek	
	41	Savit	
	39	Rashi	
	25	Malika	

IMS Engineering College, Ghazlabad

Department of Biotechnology

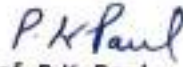
GEMS Society Activities

S.No.	Date	Name of Event
1	12.03.22	Technical Quiz Competition
2	26.03.22	Annul fest of GEMS Society
3	30.03.22	Innovative Idea Presentation
4	01.04.22	Megazine Publication
5	09.04.22	Poster Making Competition
6	14.05.22	Herbal Garden Management


08.03.22

Dr. Santosh Kumar Mishra

Faculty Coordinator



Prof. P.K. Paul

Head, Biotechnology Dept.

**IMS ENGINEERING COLLEGE,
GHAZIABAD**

Department of Biotechnology

Date: 10.12.21

NOTICE

This is to bring in your kind notice that GEMS Society, Department of Biotechnology is organizing a Technical Poster Competition for students on dated 15.12.21. Theme of this poster making competition is Genome Editing technology and its applications. All the interested students of Biotechnology are required to submit their posters till 14.12.21. All the selected posters will get certificate of appreciation from GEMS society. For further query you may contact to S. K. Mishra (9891866238)

P. K. Paul

Prof. P.K. Paul

HOD-BT



To ,

Head

Department of Biotechnology ,

IMS Engineering College ,Ghaziabad .

Subject : Medicinal plant plantation drive

Sir ,

The GEMS Society of Department of Biotechnology is organizing an event "**Plantation of Medicinal Plants in the Herbal garden**" by students and faculties on 06.10.21 from 03:30 04:30 PM. Students and faculties who donot have scheduled classes during the period shall participate in the event .

Requested to please grant permission for the event.

With regards,



Dr Santosh Kumar Mishra
Coordinator - GEMS Society

1st October 2021.

Forwarded to Respected Director Sir to consider the request for holding the event .

P.K Paul
(HOD, BT)
1/10/21

Recd.
P.K Paul
5/10/21

Yes Sir,
Prabhu
9/10

KAIZEN- THE MANAGEMENT CLUB

The kaizen club is being revised for Academic year 2021-22.

It would conduct an array of activities from Group discussions, Debates, Presentations, Fresher and Farewell party celebrations, Sports Events, Business Quiz, and other extra and co-curricular activities during 2021-22.

STRUCTURE OF KAIZEN CLUB 2021-22

- **PRESIDENT- MR. Abhishek Mishra (MBA Batch 2020-22)**
- **VICE PRESIDENT- Ms. Vanshika Madaan (MBA Batch 2020-22)**
- **SECRETARY- Mr. Abhishek Rai (MBA Batch 2021-23)**
- **TREASURER- Ms. Shefali Shreya (MBA Batch 2021-23)**
- **MEMBERS- All MBA 1st YEAR and 2nd Year Students**
- **FACULTY INCHARGE- Ms. Punjika rathi (Assistant Professor , MBA Department)**

Note : The membership fee is Rs 100.

Salun
16/Nov/2021
HOD MBA

HOD Department of MBA
IMS Engineering College

To
The Director

May 4 May 2022

IMS Engineering College Ghaziabad

Subject: Proposal for an Inter college Management Fest, "Aaghaaz" on 13 May 2022.

Department of MBA, IMS Engineering College, Ghaziabad feels extremely proud to announce "AAGHAZ" - a one-day inter-college management extravaganza to be held on **May 13, 2022**. The festival will be a high-profile event that would attract students from colleges in and around Delhi/NCR. The fest is aimed at nurturing the talent of students by bringing them together on a common platform to share their creative ideas, exchange knowledge and showcase their talent. The various events and competitions during the fest would be pertaining to management and business world scenarios, giving a unique exposure to the participants. Winners would be rewarded with prizes, certificates, and accolades.

This inter-college management fest will help us to create awareness and promote our MBA program to nearby areas.

Please find enclosed herewith the tentative budget for the fest.

Submitted for your approval, please.


Thanks & Regards

Dr. Meenu Bali

HOD-MBA

HOD Department of MBA
IMS Engineering College
Ghaziabad

Encl: Tentative Budget

FACES CLUB

Forum for Activities of Communication & Electronics Students

Department of Electronics & Communication Engineering

FACES Club of Electronics & Communication Engineering Department organised Tech Quiz & Debate on 09-05-2022(Monday) from 3:00pm – 4:45pm for 2nd & 3rd Year students of ECE & EN department. The Tech Quiz covered the topics- **“Basics of Electrical & Electronics Engineering”** and then it was followed by the debate, which was on the topic – **“Is Honesty Still the Best Policy?” & “Are Machines gaining control over man?”** Students eagerly participated and we had a good chat.

Overall, 40 students of ECE & EN participated in the event. The event was organised and managed by Prof. Mayurika Saxena of ECE Department as Faculty Coordinator and Riddhi Agarwal of ECE 3rd Year as Student Coordinator.

Mayurika Saxena
FACES club coordinator

Ms. Jyoti Guglani
HOD- ECE



IMS ENGINEERING COLLEGE, GHAZIABAD

NAAC Accredited & NBA Accredited Programme
Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow
Under the aegis of IMS Society, Ghaziabad



Department of Electronics and Communication Engineering

faces CLUB

Life was full of joyfull EMOTIONS, UNTIL
THIS ERA OF ELECTRONIC GADGETS

MONDAY
9th
MAY 2022
@
3:30 PM

Faculty Coordinator

Prof. Mayurika Saxena
Prof. Jaya Nidhi Vashishtha

Student Coordinator

Ridhi Agarwal (3rd year ECE)
Aviral Tiwari (2nd year ECE)

ACTIVITIES

- Electronics puzzle
- Dabate
- Is Honesty still best policy?
- Are machines gaining control over man?

Venue: C-303 C-block of IMSEC

FOR ANY QUERY CONTACT

Riddhi : 7703993391

Aviral : 8700935376

Email : facesclub.ece@gmail.com

For Registration
Scan The QR



NH-09, Adhyatmik Nagar, Distt: Ghaziabad, Uttar Pradesh-201015

Admission Enquiry: +91-9821396581/82/83 | Landline Number: 0120-4940000 | Whatsapp Number: +91-9821396583

Toll Free: 1800-102-8393 | Email ID: enquiry@imsec.ac.in | www.imsec.ac.in





IMS Engineering College, Ghaziabad
Department of Electronics & Communication Engineering
FACES Club

Attendance Sheet
Debate Competition (09/05/2022)

S.N	Name	Roll No.	Department	Signature	Marks
1	Vansh Tyagi	1901430130087	IT-3rd		8
2	Shivam Trilochi	2001430210009	EN-2nd		8
3	Fahad Iqbal	1901430310012	EC-3rd		6
4	Dhyanesh Rastogi	1901430310012	EC-3rd		7
5	DEEPAK SAHU	1901430210006	EN 3rd		6
6	MOHD BILAL	2001430210003	EN 2nd		7
7	Aviraj Tiwari	2001430310008	EC 2nd		6
8	Akash Singh	1901430210002	EN/3rd		6
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IMS Engineering College, Ghaziabad
Department of Electronics & Communication Engineering
FACES Club

Attendance Sheet
Crossword Quiz (09/05/2022)

S.N	Name	Roll No.	Department	Signature	(30) Marks
1	Tejash Kumar	1901430310034	ECE	<i>[Signature]</i>	13
2	Yash Sisodia	1901430310039	ECE	<i>[Signature]</i>	24
3	Vansha	1901430310037	ECE	<i>[Signature]</i>	30
4	Tanya Singh	1901430210014	EN	<i>[Signature]</i>	30
5	Yashu Singh	1901430910040	EC	<i>[Signature]</i>	30
6	Sumit Shistodia	2001430310006	EC	<i>[Signature]</i>	29
7	Kavita Parajapati	2001430310004	ECE	<i>[Signature]</i>	29
8	MOHD BILAL	2001430210003	EN	<i>[Signature]</i>	28
9	Ritik Verma	2001430310005	ECE	<i>[Signature]</i>	29
10	Aurval Tiwari	2001430310002	ECE	<i>[Signature]</i>	29
11	Shivam Trivedi	2001430210009	EN	<i>[Signature]</i>	29
12	Abhinav Sanghal	2001430210001	EN	<i>[Signature]</i>	29
13	utkarsh Roy	1901430210015	EN	<i>[Signature]</i>	10
14	Arhin Chakha	1901430310006	EC	<i>[Signature]</i>	14
15	Parnika Singh	190143010023	EC	<i>[Signature]</i>	30
16	Alok Kr. Mishra	1901430310005	ECE ^{3rd}	<i>[Signature]</i>	30
17	Mezha Kumari	1901430310019	ECE ^{3rd}	<i>[Signature]</i>	13
18	Athar Khan	2001430319001	ECE ^{3rd}	<i>[Signature]</i>	21
19	Mohd Karib	1901430100119	ECE ^{3rd}	<i>[Signature]</i>	30
20	Akash Singh	1901430210002	EN/ ^{3rd}	<i>[Signature]</i>	10
21	Shivam Pandey	1901430210013	EN/ ^{3rd}	<i>[Signature]</i>	16

	Name	Roll No.	Dept.	Sign	
22	Deetake Verma	1901430310010	ECE	Deetake Verma	30
23	Fahad Iqbal	1901430310012	ECE		30
24	Divyansh Rastogi	1901430310011	ECE		30
25	Hrishita Yadav	1901430310014	ECE		30
26	ARJUN KUMAR	1901430310001	ECE		30
27	DEEPAK-PAHU	1901430210006	EN		12
28	Prashant Chaudhary	1901430210010	EN		13.
29	Divyansh Arora	1901430210007	EN		13
30	Alot Srivastava	1901430210003	EN		13
31	Pranjal Singh	1901430210009	EN		13
32	Upendra Singh	2001430219001	EN		13
33	Avinash	1901430310009	EC		13
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IMS Engineering College, Ghaziabad
Department of Electronics & Communication Engineering

Date: - 22/06/2022


NOTICE FOR 2nd YEAR STUDENTS


FACES CLUB

Forum for Activities of Communication & Electronics Students

FACES Club of Electronics & Communication Engineering Department is going to organise following activities to enhance reading, writing skills and group discussion skills on 25-06-2022 (Saturday) from 3:00 pm – 4:00 pm for 2nd year students of ECE Department.

Activity	Description	Topic	Outcomes
Tug of Word's	This activity is basically a Debate between two groups and arguments are put forward by each group often opposing viewpoints of respective groups.	Electric cars are impractical	Understanding and analyzing the challenges and advantages of electric cars.
Penning down your Imaginations	This is a story writing activity each student will be given a story line to complete their stories.	Story line	It will help students in enhancing and exploring their vocabulary and writing skills.
Facts or lies	(i) Each student will write or tell two or three amazing facts you know. (ii) Students will Guess if the given amazing facts are True or Not.	Amazing Facts	It Helps students to gain more knowledge about things happening around the world.


Ms. Mayurika Saxena
FACES club coordinator


Dr. Jyoti Guglani
HOD- ECE

CC to:- Director sir for kind information



IMS ENGINEERING COLLEGE, GHAZIABAD

NAAC Accredited & NBA Accredited Programme
Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow
Under the aegis of IMS Society, Ghaziabad

Department of
**Electronic & Communication
Engineering**

Presents

foces

E Magazine



IMS Engineering College, Ghaziabad
NAAC Accredited & NBA Accredited Programme
Approved by AICTE New Delhi & Affiliated to
AKTU Lucknow
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Department of Electronics
& Communication
Engineering
Presents

faces

Saying
Hello's
&
GoodBye's



Editor's Words

Dear Readers,

As the Editor, I am so delighted to inaugurate FACES, the magazine of the Electronics and communication Department, to you all. The Theme of the first edition is "Saying Hello's & Goodbye's".

I am thankful to the Editorial Team members behind FACES, whose diligence and grit helped in turning out FACES in the finest merchandise. I further extend my sincere gratitude to Faculty, Alumni and Students who submit their articles and valuable suggestions/messages for publication. They deserve an applause for making it a grand accomplishment.

Last but not the least, I am highly beholden and thankful to all IMS fraternity for their wishes and support.

With this, I finally present the first edition of FACES to our readers. I expect that they would enjoy it and share their thoughts on the edition with us. Let me conclude with the Famous American author words – "Books are a uniquely portable magic"

Happy Reading!!



Prof. Mayurika Saxena
ECE Department

Student Editors of FACES Magazine



Ritik Verma
(ECE- 2nd Year)



Riddhi Agarwal
(ECE- 3rd Year)



Kavita Prajapati
(ECE- 2nd Year)



IMSEC Ghaziabad is NAAC Accredited for maintaining world-class quality in Education & Infrastructure and one of its courses, B.Tech. (Information Technology) is NBA accredited (2021-22 up to 23-24).

Highly experienced and dedicated faculty team, state-of-art laboratories, computer centres, learning resource centres and wholesome pedagogic skills/pedagogical techniques provide the students highly exciting and gainful opportunities to acquire knowledge and technical expertise necessary for grooming and orienting their creative young minds.

IMSEC Ghaziabad, is a TCS Accredited college for Placements & Project Activities.



IMSEC College

VISION

Our vision is to impart Vibrant, Innovative and Global Education to make IMS the world leader in terms of Excellence of Education, Research and to serve the nation in the 21st century.



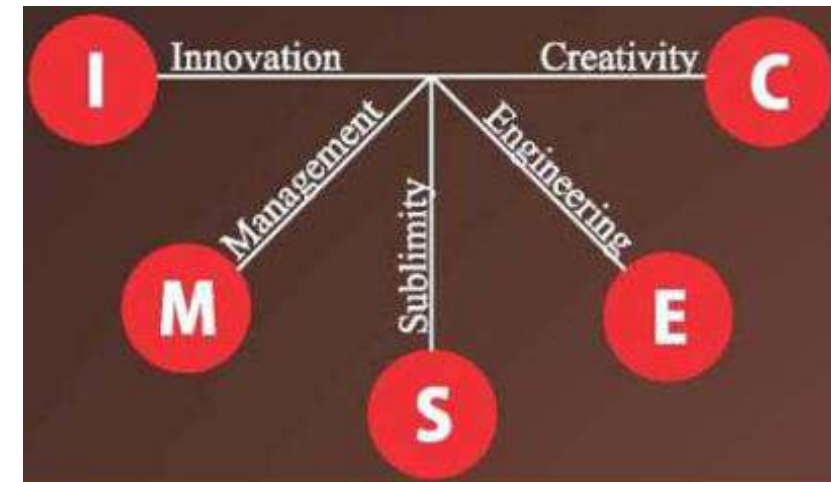
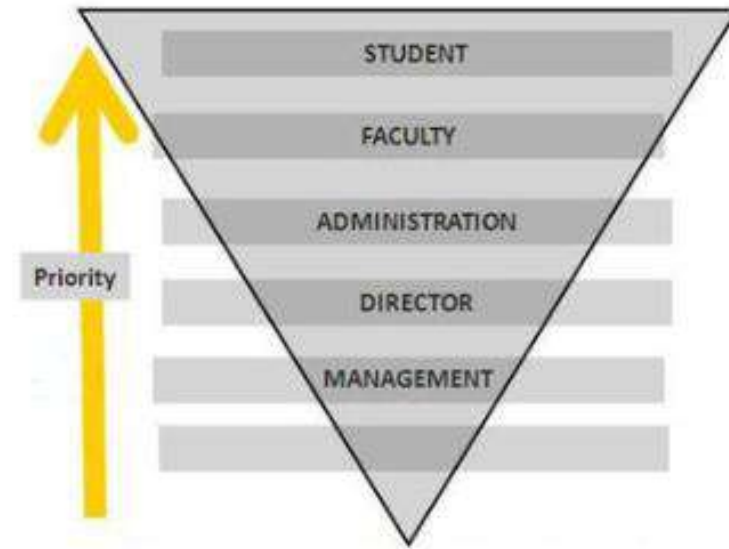
MISSION

- To develop IMSEC as a Centre of Excellence in Technical and Management Education.
- To inculcate in its students the qualities of Leadership, Professionalism, Executive Competence and Corporate understanding.
- To imbibe and enhance Human Values, Ethics and Morals in our students.
- To transform students into Globally Competitive Professionals.



MOTTO

IMSEC nurtures, nourishes, and grooms future engineers and managers with professional excellence and humanized outlook with the envisioned motto:





I am a firm believer that only knowledge can transform a human being to “being human”. Undoubtedly, technical and management education play a pivotal role to cope and combat with the challenges of this unprecedented world on both the fronts. To have a sustainable mankind across the world and to cultivate innovations and research to create an unmatched and persistence ecosystem of holistic growth to excel others in this highly competitive arena.

IMS Engineering College, Ghaziabad, since its inception (2002), has been highly successful in maintaining a learning environment and a flexible conducive ambience which thrives and strives for an incredible vision to accomplish and that’s too within a stipulated time frame.

I am confident enough that this sacred objective of mine to catapult the students’ fraternity to refined intellectuals with professional attributes is not a dream but a reality. The key stake holders of IMSEC-GZB, i.e. our students and the faculty members are always well acquainted and prepared to unleash the potentials in them in the right perspective to enrich their knowledge and other cognitive skills using the ecosystem of our institution.

We practice a pedagogy that promotes creativity, innovation in teaching-learning practices of high standards. Every course is designed, delivered, and monitored in such a manner that will add a significant value and flourish innovation to the students. We embrace and admire a vast cultural diversity which enlightens us in all aspects of life. Nurturing a sense of eco friendliness in the atmosphere makes us democratic and participatory in nature otherwise it will be detrimental and fatal for all of us. Nevertheless, we equally emphasize on the development of core human values, mental well-being, and physical well-being of our students.

Finally, we are student driven. The welfare of our students is always our top priority. Thus, we do modify our academic infra and invest on latest technological know-hows and on acquiring management skills from time to time as per the need of the industry. We have to navigate the young energetic minds for metamorphosis through academic rigor and imbibing corporate soft skills & ethical values to get accommodated in the current professional scenario. I feel that actions should speak volumes better than words for adding laurels on our ongoing legacy. I am culminating with this sincere gratitude towards all our stake holders who have shown trust on us.

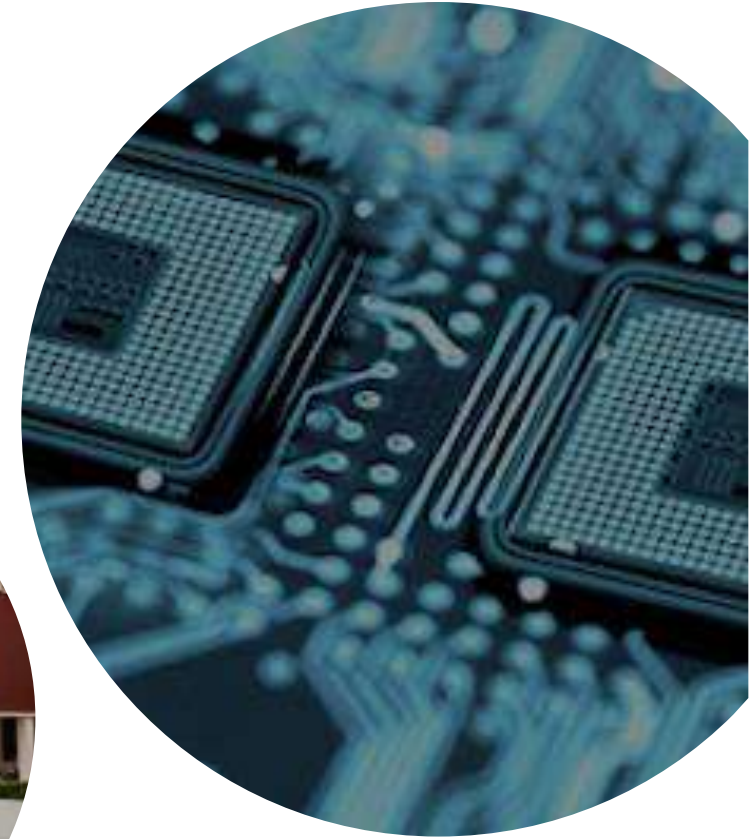
Thank you.

Dr. Vikram Bali

B.Tech., ME, P.hD

Electronics And Communication Engineering

Electronics and Communications Engineering (ECE) involves researching, designing, developing, and testing of electronic equipment used in various systems. Electronics and Communications engineers also conceptualize and oversee the manufacturing of communications and broadcast systems. This stream of engineering deals with analog transmission, basic electronics, microprocessors, solid state devices, digital & analog communication, analog integrated circuits, microwave engineering, satellite communication, antenna, and wave propagation. It also deals with the manufacturing of electronic devices, circuits, and communications equipment. This branch of engineering also plays a vital role ensuring fastest means of communication across the world.



ECE Department

Vision

To produce highly competent engineers by imparting innovative and accomplished information through global education and adequately prepare them to face the challenges of outside world by fulfilling the requirements of Electronics & Communication industries.

Mission

- To make the department a centre of excellence in Electronics & Communication Engineering and to produce eminent engineers.
- To inculcate professionalism, teamwork, leadership qualities by imbibing high human values and professional ethics, in students.
- To enhance the employability of students by giving inter-disciplinary knowledge to meet the need of society and become globally competitive professionals.
- To become a centre for research in the stream of Electronics & Communication Engineering and to provide excellent learning environment for researchers by promoting research activities in the department.



PROGRAM EDUCATIONAL OBJECTIVES

PEO1: To prepare students to excel in Electronics & Communication Engineering, both in industrial and academic sector by applying their technical skills and knowledge in a professional manner.

PEO2: To infuse in students the capability of effectively analyzing and solving engineering problems utilizing appropriate techniques and advanced engineering tools.

PEO3: To help students to apply their knowledge both in individual & multidisciplinary environments, and to demonstrate excellent communication skills and caliber to work as a team.

PEO4: To realize in the students the significance of environmental concerns while keeping safety, ethical and societal values into consideration.

PEO5: To encourage students for implementing outputs derived from research-based knowledge in projects, analysis and interpretation of data leading to development of new processes and systems.

PROGRAM SPECIFIC OUTCOMES

PSO1: Graduates shall have ability to exhibit knowledge acquired from mathematics, engineering fundamentals, Electronics & Communication engineering, and related fields for professional excellence in industry and research organizations.

PSO2: Graduates shall be able to solve and communicate complex Electronics and Communication Engineering problems, using latest hardware and software tools, along with analytical skills to arrive at cost effective and appropriate solutions.

PSO3: Graduates shall have wisdom of social and environmental awareness along with ethical responsibility to have a successful career and to sustain passion and zeal for real-world applications using optimal resources as an Entrepreneur.

PSO4: Graduates shall be able to select appropriate techniques, resources for execution of projects and function effectively as an individual as well as a team member in multidisciplinary diverse environments.





Welcome to the department of Electronics Engineering at IMS Engineering College Ghaziabad. The department strives to provide a conducive environment for students to develop analytical and practical skills and apply them to real world problems through state of art Texas Instruments Centre of excellence & experimentation facilities in the laboratories. The available diversity of expertise of the faculty with the support of the Management and Director we prepare the students to work in global multicultural environment. Faces magazine is another step in this direction where students are encouraged to come out with innovative ideas to showcase the technical acumen they have been acquiring.

Prof. Jyoti Guglani
Head of Department,
Electronics & Communication Engineering

Good Luck Seniors

Whether it's a big test or a first day on a new job, a good-luck message is always welcome and appreciated. This might be just the confidence-booster a friend or loved one needs to get through a tough day or an important challenge!

"Good luck"—those two little words can express big caring and encouragement all by themselves. But if you'd like to say more, you've come to the right place for ideas. From different energy levels to different situations and recipients, we've got tips and message starters to get your thoughts flowing and your pen moving.

Whether you keep it low-key or amp up the enthusiasm, we hope our ideas help you send a little well-timed luck and support to someone who needs it!



I am Ayush Saini student of IMSEC, Electronics and Communication Department. I am pleased to share that I have had a great experience in my four years at IMS. I am immensely thankful to all the faculty members to guide me through the wonderful journey. They have been very supportive and helped me evolve through my years in engineering. I learned a lot not only in class but out of the class as well. All I can say is I had a great time studying in IMS and I respect the institution and the values it operates on.



Ayush Saini
Batch 2018-2022

As Steve Jobs quoted in his famous graduation speech:

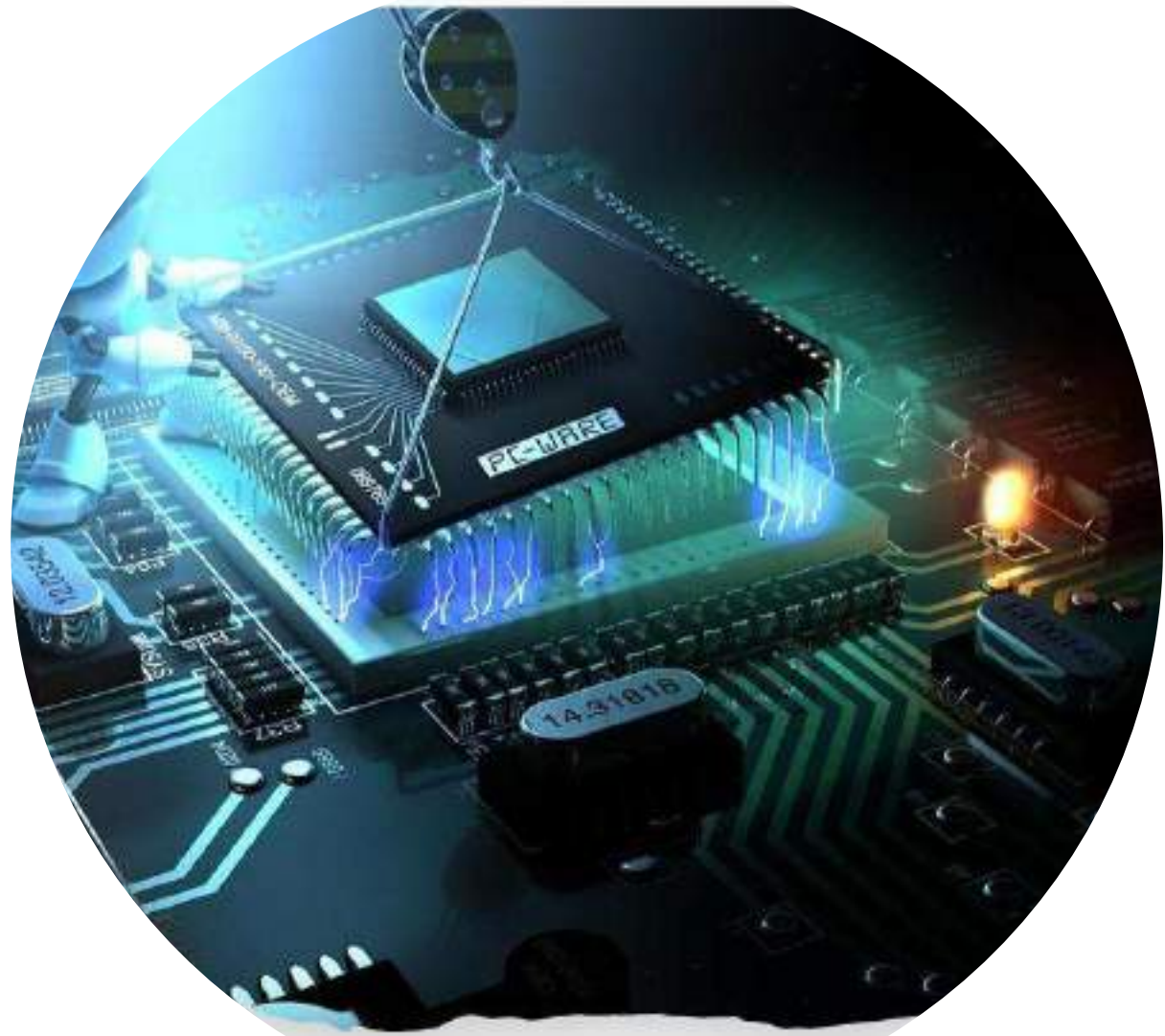
'You can't connect the dots looking forward; you can only connect them looking backwards!'

Joining IMS Engineering College was one of such significant dots which has endured me with a lifelong career excellence. The exceptional programmes and teaching methodologies backed by practical skills and Industry interface have given me the confidence to pursue my career in the Today's competitive world. Teaching in this environment made me choose IMSEC as my destination, which is one of the best decisions.



Nikhil Kumar
Batch 2018-2022

Let's know
Electronic World



ENERGY HARVESTING FOR HIGH FREQUENCY AND LOW POWER CIRCUITS

This article spreads light on energy harvesting solution for high frequency and low power circuits. As we all know that in this era energy harvesting is of prime importance there are some off the shelf SOC (system on chips) that can do the job quite well and in a very efficient way one off such IC is AEM30940 by e-peas. the AEM30940 RF Energy Harvesting IC is an integrated Ambient Energy Manager (AEM) that can extract DC power from a piezo generator, a microturbine generator, or any other high frequency 868MHz or 915Mhz RF input, simultaneously storing energy in a rechargeable element and supplying the system with two independent regulated voltages. AEM30940 harvests the available input current up to 110mA. It integrates an ultra-low power boost converter to charge a storage element, such as a Li-ion battery, a thin film battery, a supercapacitor, or a conventional capacitor. The boost converter operates with input voltages in a range from 50mV to 5V. With its unique cold-start circuit, the AEM30940 can start operating with empty storage elements at input voltage as low as 380mV and an input power as low as $3\mu\text{W}$. The low-voltage supply of the AEM30940 can be used to drive a microcontroller at 1.2V or 1.8V. The high-voltage supply may typically drive a radio transceiver at a configurable voltage between 1.8V and 4.1V. Both are driven by highly-efficient LDO (Low Dropout) regulators for low noise and high stability. The AEM30940 integrates all the active elements for powering a typical wireless sensor. Only five capacitors and two inductors are required, available in the small 0402 and 0603 sizes, respectively. With only seven external components, integration is maximum, footprint and BOM are minimum, optimizing the time-to-market and the costs of wireless sensor node designs. The e-peas AEM30940 is offered in a QFN28 package, with a wide -40°C to $+125^{\circ}\text{C}$ operating temperature range.

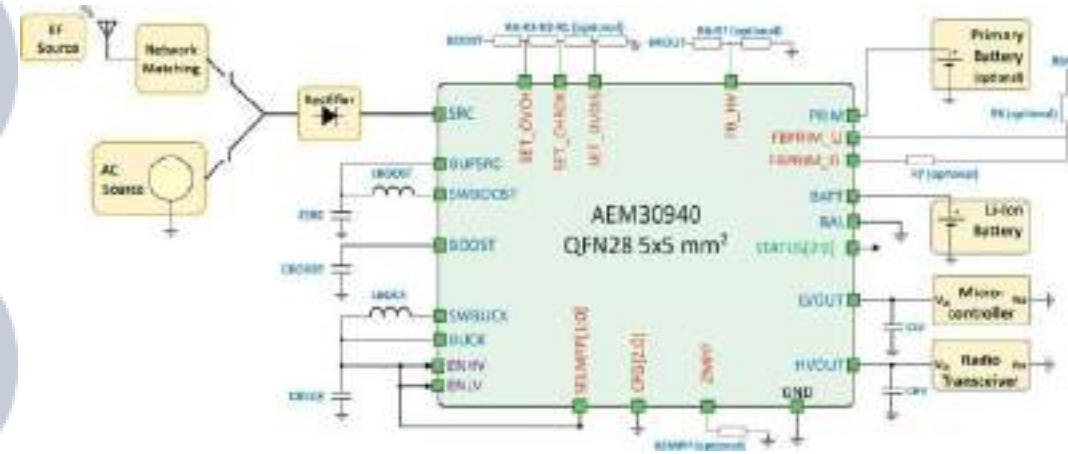


Harshit Singh
(ECE 3rd Year)

TYPICAL APPLICATION CIRCUIT

The application of this IC varies from Piezo harvesting, home automation, Microturbine harvesting, Transportation, RF harvesting, Smart agriculture to Industrial monitoring.

In my opinion the AEM30940 is a well-suited IC for energy harvesting for high frequency and low power circuits. It has all the protections and features needed and can work in rough conditions.





Riddle Time-1

1. A construction worker fell off a 100-foot ladder but didn't die. How is that possible?
2. What never asks questions but is often answered?
3. You're in a room with no doors and no windows and soon you will run out of air. The only things in the room are a table and a mirror? How do you get out?
4. There are three light bulbs in three separate rooms. In front of you, there is a panel with 3 separate switches. They only turn on or off. You may look inside each room only once. How can you tell which bulb belongs to which switch?
5. I have a ring but no hands. I used to be plugged into a wall but now I follow you everywhere. What am I?
6. What rock group has four men who don't sing?
7. A window cleaner is cleaning a window on the 25th floor when, suddenly he slips and falls. He has no safety equipment and nothing to soften his fall, and yet he is not hurt. How can this be?

Is technology causing us attention span to shrink? TECH BECOMING OUR LIFE!!



Tejjash Kumar
(ECE 3rd Year)

Technology has given us a sense of connectivity, convenience and freedom that would be hard to imagine just a decade ago. But the benefits of the digital revolution don't come without a cost. As we all know, change is the name of life, and we must adapt according to the modern requirements. Our dependence on technology doesn't just erode our cognitive abilities. The effects also ripple into society, affecting our power to empathize with other people.

So, for my keen reader my name is Tejjash Kumar and I am a 3rd year electronics and communication engineering student. In this article I am going to express some important key features. In the past year, my screen time has increased significantly, and I have noticed myself getting distracted very easily. Sometimes it is hard to even finish an episode on Netflix without having the urge to skip to the end and inevitably, I don't have the patience watch lectures at a normal speed. I always watched them at the speed of 1.25 or 2x times. Even the research has proven that our attention span is reduced from 15 minutes to 5 minutes. According to studies, the average millennial picks up the smartphone 150 times a day. This over-dependence on tech is known as technology addiction. Over-usage of technology damages the brain systems connecting emotional processing, attention, and decision-making.

We will discuss about 3 major factors that will help us to be more focused and increases our attention span. It is hard to mitigate the issue of losing focus when we are surrounded by notifications and updates, yet there are some simple measures which can help:

1. A social media Detox: A typical solution, but one which could genuinely have a positive impact. Simply switch your phone off for a couple of hours and substitute the time you would have spent in front of the screen with alternative activities that may prove to be more enriching.
2. Watch longer videos or read longer posts: By doing this, you will be able to persevere when engaging with content that takes a longer time to digest. Therefore, you will get used to focusing on a particular piece for a longer period. Also listen some Podcast of Entrepreneur like BeerBicipes, Aman Dhatarwal, TEDx talks etc.
3. Allocating time to use social media: Rather than scrolling on your screen for an uncontrolled number of hours, save time by allocating certain times during the day when you can use social media as you, please. Make it a habit that not to use your mobile phone two hours prior to your sleep and two hours after woke up in the morning. A single habit may bring the drastic change in your life but also you must be consistent towards it.

In the end I would like to conclude my article with a quote, “Technology will improve your life, not become your life”.



Electronics Love?

There are NO
Real feelings
Or emotions here

We call this... the FUTURE

Miss,
On a screen-shot

Love,
On a touch-screen

Why networking is crucial: how to network effectively stop being ghosted? Network is net worth!!

If you're tired of applying for jobs, Internships in this tough market and facing dead silence after sending out a ton of online applications this article is for you :D as many of you are turning towards your networks of Friends & Professional contacts for Job Leads and opportunities many of you are realizing that there's just something about networking that doesn't quite work for you.

So, for a Reader my name is Yash Sisodia. I am a pre-Final year Electronics & Communication Engineering Student. There's no refuting the power a strong proficient network can have over your career success. Schmoosing will help you develop and advance your skill set and stay on top of the up-to-the-minute trends in your industry and job market. Networking also helps you to advance your career and gives you admittance to more job opportunities. Intensifying your contacts can open doors to new chances for business, career advancement, and personal growth. Bartering information, advice, and support on challenges, experiences, and goals is a key benefit of networking because it allows you to gain new perceptions that you may not have otherwise thought of. The more you grid, the more you'll grow and learn how to make lifelong connections. If you have a strong network of professional connections, you can be poised that someone within your sphere will be able to answer even your hardest questions. And, if there's no definitive answer, you'll have a solid sounding board to bounce notions off and put into action step-by-step plans to tackle bigger hitches.

In this article we'll discuss about two main reasons why your networking strategy doesn't work? 😞 and what you can do instead to grow your network of professional connections and truly leverage it to land your next or you can say first Job opportunity. So, let's talk about two most common misconceptions that are damaging your approach to networking and stopping you from getting results.



Yash Sisodia
(3rd Year ECE)

1. The main reason to be networking or the main real value of networking is to get a Job. Networking is so much more than just trying to worm your way into a Job as you start reaching out and getting to know more people you also start to appreciate other benefits of networking for example becoming part of a super resourceful community that you've hand-picked for yourself or knowing exactly who to go to for advice whenever you feel like you need some help and support or discovering new resources and even developing new skills having new ideas and input on what you need to improve on and most importantly staying informed or motivated to keep looking for what you really want..

2. Relying only on your closest circle for help your tightest relationship with the people that you know really well are important no doubt about that those are commonly referred to as the strong ties in your network but there are also a weaker ties those are your relationship with people who you probably don't know that well yet maybe it's a former colleague or a friend of a friend or someone you ran into during a couple of networking or professional events so these weaker ties are actually key to expanding your network reaching out to people at the farthest edges of your existing circles of contacts and connections and most importantly your resource to expand your own horizons and gain access to new opportunities that you have never come across before. So, remember people you don't know that well yet are your gateway to new ideas, resources, and opportunity leads.

Now coming to the point how to network with people effectively?

Here are a few finest best ways about how to create a professional grid that will significantly increase your job openings, business advancements and potential ties in the longer term. Remember, creating a grid of professionals isn't something you can do instantaneous. That profession guidance should be kept in 7mind throughout your professional era.

1) Scope Out and Encounter the Right People - Falsify connections with professionals who can help you make your career improvements. New and old classmates and controllers are incredibly good contacts, but they should also necessarily include friends in similar professions, college alumni, school people, and more generally anyone who can help you. With the help of a prevailing networking stage like Radii that will be easy.

2) Keep Your Contacts in Touch - Don't just reach out to people when you really need them. Engage and interact with each connection and try to stay connected, even if it's just an occasional message asking how someone is Kese ho aap? XD. The bigger and more powerful your relationships with your contacts, the more inclined they will be to lend a hand and help you when you are in need.

3) Don't Take Up Too Much Time - Once you flinch networking make sure you have a strategy and a set of common networking goals and keep track of the advancement. Time, money, and people are never pleased with someone who happens to take up their time quite so much. By organizing your purposes in advance and networking accordingly, you are establishing your professionalism, gaining credibility, and covering all the vital networking objectives that you might have wanted to fulfil.

Once you flinch networking make sure you have a strategy and a set of common networking goals and keep track of the advancement. Time, money, and people are never pleased with someone who happens to take up their time quite so much. By organizing your purposes in advance and networking accordingly, you are establishing your professionalism, gaining credibility, and covering all the vital networking objectives that you might have wanted to fulfil.

date with the new updates and up to date developments in your segment, stay up to date on evolving possibilities and make yourself visible. So, you ought to sensibly design all your moves.

While you'll be able to use several platforms for your professional network, nobody beats the human touch. Choose the precise platforms and remain consistent but staying personally connected and dedicated to building your network is more important. ensure that you simply don't lack a way of personalization.

Always work smart it's way healthier than working hard and choose the proper networking platform which provides you more!



Riddle Time-2

1. If two painters can complete two rooms in two hours. How many painters would it take to do 18 rooms in 6 hours?
2. I can't go left; I can't go right. I am forever stuck in a building over three stories high. What am I?
3. An electric train is going south at 98 mph. The wind is blowing northeast. Which direction is the smoke blowing?
4. What building has the most stories?
5. What comes once in a minute, twice in a moment, but not once in a thousand years?
6. When I point up it's bright, but when I point down it's dark. What am I?
7. What has a head, can't think, but drives?

Artificial Intelligence

In recent years the power, functionality and usability of computers and the Internet have outstripped early forecasts about technology's rate of advancement and usefulness in everyday life. Now a days world saturated with powerful computer chips, which will increasingly engage themselves into our gadgets, dwellings, apparel and even our bodies.

Yet a closely related goal has remained stubbornly tricky. In very contrast to the largely unanticipated explosion of computers into the mainstream, the entire endeavour of robotics has failed rather completely to live up to the predictions of the 1950s. In those days experts who were dazzled by the seemingly miraculous calculational ability of computers thought that if only the right software were written, computers could become the artificial brains of sophisticated AI devices. Within a decade or two, they believed, such devices would be cleaning our chores, enhancing our moods, mowing our lawns and, in general, eliminating drudgery from our lives.

Obviously, it hasn't turned out that way. It is true that AI has transformed our life so much, that from our music preferences, shopping lists, to our daily routine they know everything. But that kind of automation is a far cry from the versatile, mobile, autonomous creations that so many scientists and engineers have hoped for. In pursuit of such devices, waves of researchers have grown disheartened, and scores of start-up companies have gone out of business. It is not the mechanical "body" that is unattainable; articulated arms and other moving mechanisms adequate for manual work already exist, as the industrial robot's attest. Rather it is the computer-based artificial brain that is still well below the level of sophistication needed to build a humanlike robot.

By 2010 we will see mobile robots as big as people but with cognitive abilities similar in many respects to those of a lizard. The machines will be capable of carrying out simple chores, such as vacuuming, dusting, delivering packages and taking out the garbage. By 2040, I believe, we will achieve the original goal of AI, robotics, and a thematic mainstay of science action: a freely moving machine with the intellectual capabilities of a human being.



Kavita Prajapati

(2nd Year ECE)

Life Without Electronics

The use of electronics these days has become a very important part of our daily lives. We live in an era of electronics where machines can do all the human work much more efficiently and easily. Imagine this: You wake up one day in a world without technology – all the computers on the planet just disappeared. First, you'd wake up late because your smartphone alarm no longer exists. Once the initial shock of the situation wore off, you'd start getting ready for work. Unfortunately, you wouldn't be able to turn on the lights, shower or brush your teeth. Why? Power, gas, and water are public utilities run by massive computer systems. Then you would get dressed and go outside to your car. Unless the car was manufactured over three decades ago, it wouldn't start. Most everything in a car today is operated by a controller area network (basically an onboard computer). Public transportation would be a no-go for the same reason. Even if your car did start, traffic would be a nightmare with all the traffic lights out. You'd finally decide to walk to work. Your day without technology is not off to a good start!

This is a mere snapshot of what life without modern technology would look like for a typical office worker. Students hustling to complete their schoolwork wouldn't have it any easier as universities would grind to halt. And don't forget that hospitals and airlines would have to shut down.

But we've already seen that! The 19th century was a period where the world lived without electricity and there was no electronic gadget like the ones we have now. Life was fine at that time also but life as we know now, would be very different in the absence of electricity as the invention and evolution in the field of electricity has played the role of major catalyst in the overall development of mankind in the 21st century.



Hrishita Yadav
(3rd Year ECE)

Nowadays, there are many electronic applications that we use every day. They are called consumer electronics. These are mostly electronics which are used by the common people for everyday use. We use electronic or electronic components in some or the other way in our day-to-day life. We carry mobile phones with us everywhere and use them to take and send pictures, videos, and to play music. Literally thousands of everyday devices that we use constantly make use of electronics technology to operate.

Most importantly electronics is very useful in the field of medical. With the knowledge of electronics, many medical instruments are being developed for physiological analysis and data recording. These instruments are useful for healing as well as diagnosing diseases. In medical from small device like stethoscope and thermometers to bigger instruments like Ventilator everything is application of electronics.

Electronics or electronic gadgets not only make our lives simpler, but they also help us save money and time. Purchasing a single device will provide us with the capabilities of several devices... As a result, we may infer that gadget are vital not just because they make our lives easier, but also because they allow us to have fun with them. Gadgets make your life easier and save you time and money. If utilized correctly, they are accommodating. Excessive usage of devices might lead to a greater reliance on them. When utilizing entertainment and performance devices, always stay in control. Gadgets are simplified technological programs that help people do their jobs more efficiently. They play a crucial role in the ordinary person's daily life, and we've grown so accustomed to them that we can't picture completing our daily tasks without them. Instruments have entered every part of our life and shown to be advantageous, whether it's a washing machine, a chimney, an electric hub, a churner, or merely a television set.

However, if you feel some of the electronic gadgets are distraction like smart T.V., smartphones you should do stuffs that are useful with them instead of useless surfing on internets. Always remember that you can never blame smart gadgets for your distractions, a smart gadget is a great tool, when used smartly.

Robotics in Electronics

“The ease of use of robotics for electronics and semiconductors has increased tremendously which has subsequently reduced installation times and total cost of implementing robotic solutions,” says Rush La Selle, Director of Global Sales, and Marketing with Adept Technology Inc. (Pleasanton, California) La Selle and his peers in the robotics industry see more powerful yet less expensive robots proliferating for production of semiconductors and electronics. Robot manufacturers and peripheral equipment providers developed tools such as vision to support the accuracy requirements in the electronics industry, adds Blanchette. Continuing, Blanchette says adaptive robotics is a necessity in the electronics and semiconductor industry.

Application Of Robotics in The Electronic Industry: 1. Quality inspection

- 2. Stress testing
- 3. Packing products
- 4. Palletizing boxes
- 5. Cleanroom handling
- 6. Fast pick and place

New And Innovative Technologies Used for Robots Researchers are not on vacation, and this can be demonstrated by innovative technologies which can be used in robotics. The robotic field is complex and takes time to create new technologies that lead to a solid growth, technologies inspired by nature where solutions had millions of years to reach a high degree of perfection. Sci-Fi media has an important role in breaking conceptual barriers that may occur as a form of capping a project, and in time fiction can become true technology. An analysis of new technologies which can be used in robotics reveals the trend which will be followed by the next generation robots. These technologies include artificial muscles, elastic electric cables, artificial skin, artificial brain, fast moving robots, artificial noses or tactile finger devices and have the potential to bring artificial devices one step closer to living organisms and even humans.



Fahad Iqbal
(3rd Year ECE)

HOW TO GET STARTED IN CYBERSECURITY?

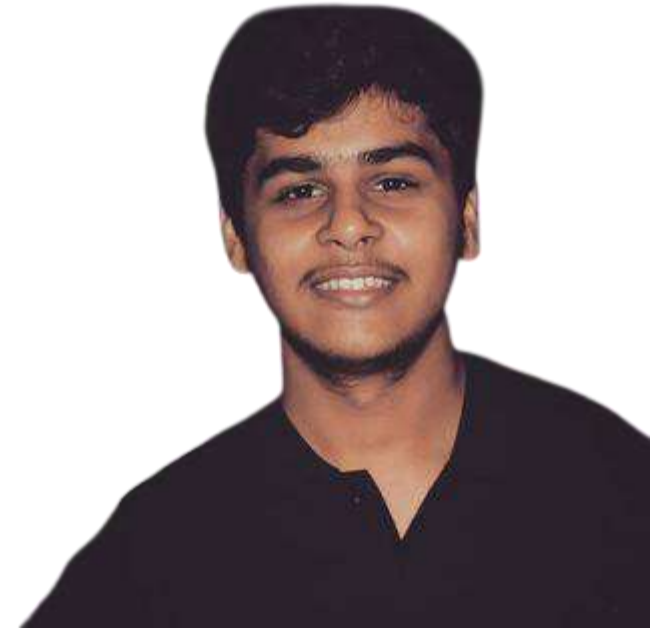
Each day it feels like cybersecurity is becoming more important, Cybersecurity always remains the critical discussion topic in tech today, from hearing about a ransomware attack that takes down the entire network of the hospital to breaching millions of data from the companies and organizations.

Companies are now scrambling around to tackle the cyber-attack and build up a strong team of cybersecurity professionals to tackle the cyber-attack issues these days

These days there are very high demands for cybersecurity professionals who can tackle the security issues and if we talk about the recent data of last year, there are more than 3.5 million unfilled job vacancies in the field of cybersecurity...

In this blog, I will tell you how you can get into cybersecurity and help the companies and organizations to keep their data safe which can lead to sensitive information disclosure..

I Shoaib Alam of branch Electronics and Communication Engineering 3 year working as a Security Researcher from past 2 years and within these years I have reported more than 40+ vulnerabilities in different companies including Google, Facebook, NASA, Govt. of India, United Nation, and many more companies and organizations and help them to keep the data and services safe from the attacker...



By Shoaib Alam
(3rd Year ECE)

By the profession, I'm a Web Application Penetration Tester which is an alias of cybersecurity in web application penetration testing we usually deal with the vulnerabilities or the security issue which arises in the web application and we find the vulnerabilities which reflect the potential threat to the website.

Now there are many misconceptions related to cybersecurity if you want to get started in Cybersecurity

#1 Is programming language mandatory??

Being from the non-IT branch I don't have much knowledge related to coding but still, I manage to exploit the functionality of websites

The key feature in the Web application penetration testing you have to think logically

#2 System Requirement?

Many people believe that getting into ethical hacking or cybersecurity requires a very high-end and expensive computer system, but the reality is just the opposite for getting into cybersecurity and ethical hacking you can use any pc or laptop at minimum configuration...

Now you must be having a Question?

Why you should get into cybersecurity/ethical hacking?

Ethical Hacking is identifying a weakness in any system or network and working on their fixes

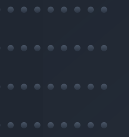
For now, I'm a freelancer and also an Independent Cybersecurity researcher usually when I report the bugs in the websites of different companies, some of the companies offer me monetary rewards or you can bounty it is a cash reward that companies pay you if you report them any security issue this reward vary from company to company and it also depends upon the severity of the bug if the bug is very critical you can get up to 20000-50000\$ and much independent security researcher usually depend on bug bounty hunting because the pay range in very high...

Now let us get back to our question...

So first of all you are separating yourself from the crowd

And secondly, every company wants to secure the data...

How do start learning??



1. The formal education route: Today, more schools are offering degrees in cyber security. I ended up getting a master's degree in Information Security from the University of Houston and a Ph.D. in Security Engineering from the University of Colorado which helped catapult my career in cyber. If you want to take the education route, look into programs at various schools, read reviews, and determine if that's an investment you can and want to make.

2. Alternative program/training route: If a formal degree isn't an option or desire for you, there are also technical programs that are surfacing to help people fast track their careers in cyber security. Below are a few examples, but there are tons of others. Do your research: EC-Council

Department of Homeland Security Year Up

Cybersecurity-related Bootcamp training programs

3. The self-taught route: Leverage Google to research the industry. There is a lot of free information online regarding cybersecurity. When I wanted to build my expertise, I used them all. For example, the greatest hackers aren't just learning how to hack in school. Many of them are self-taught. The same can apply to other domains as well. You can read content online, set up your lab, and try teaching yourself about the industry. One challenge to keep in mind is that while many companies are progressive and focus more on competency than credentials, many still have a stringent degree and certification requirements. This doesn't mean that hope is lost. It means that first, you need to make sure you are good at what you do. Secondly, you need to seek out progressive companies that are open-minded about qualifications.

4. The certification route: There are cybersecurity certifications that can help you build your credential pool and skill set, whether you've chosen any of the paths above. Some examples include CISSP, Security+, CEH, CISM, and tons of others.

5. The hybrid route: Lastly, there is the hybrid route. I'd say this is the path that I took and probably the best option. Doing a mix of formal education, self-taught learning, technical trade classes, and certifications allowed me to learn as much as possible about the industry and grow at a faster pace. Doing so gave me exposure to so many different domains of cybersecurity, and it allowed me to discover what I loved in the industry quickly. Once I found that sweet spot, I began to excel even more because I loved what I was doing and got pretty good at it.

At last, I would say Building a career in cybersecurity can be extremely rewarding. With the right exposure to the various domains and career paths, along with a creative strategy for building up experience – you're well poised to succeed!



Riddle Time-1 [Answers]

1. 6

2. There is no smoke, it's an electric train

3. The library

4. The letter M

5. A light Switch

6. A hammer



How we are today?

Once, we lived in a cave,
Now it's electronics that we crave.

In social media, we drown,
hours in Fortnite for an online crown.

Far behind our screens, we hide,
We don't want to go outside.

We spend hours watching Netflix,
I mean it's only just a few clicks.

From addiction, we are suffering,
angry when the wifi's buffering.

What is this whole big insanity?
It is time we saved humanity.

Cloud Computing



By Riddhi Agarwal
(3rd Year ECE)

Cloud Computing is an overall term for whatever includes conveying facilitated administrations over the web. Cloud Computing is the conveyance of on-request figuring administrations - from applications to capacity and handling power - ordinarily over the web and on a pay-more only as costs arise premise. Cloud Computing administrations cover a huge scope of choices now, from the rudiments of capacity, systems administration, and handling power, through to normal language handling and computerized reasoning as well as standard office applications. Basically, any help that doesn't expect you to be near the PC equipment that you are utilizing can now be conveyed through the cloud - even quantum registering.

What's the same?

Each cloud edited compositions, pools, and offers adaptable figuring assets across an organization. Each cloud type likewise empowers Cloud Computing, which is the demonstration of running jobs inside that framework. Furthermore, every cloud is made utilizing a remarkable blend of advancements, which quite often incorporates a working framework, some sort of administration stage, and application programming points of interaction (APIs). Virtualization and computerization programming can likewise be added to each sort of cloud for extra capacities or expanded efficiencies.

What's different?

The distinctions between open Clouds, private Clouds, crossover Clouds, and Multiclouds were once effortlessly characterized by area and possession. In any case, it's not that straightforward any longer. So, while we think about the distinctions beneath, there are a lot of admonitions

Public Clouds

Public Clouds are cloud conditions commonly made from IT framework not possessed by the end client. Probably the biggest public cloud suppliers incorporate Alibaba Cloud, Amazon Web Services (AWS), Google Cloud, IBM Cloud, and Microsoft Azure.

Conventional public Clouds generally ran off-premises, yet the present public cloud suppliers have begun offering cloud administrations on clients' on-premises server farms. This has made area and possession differentiations old.

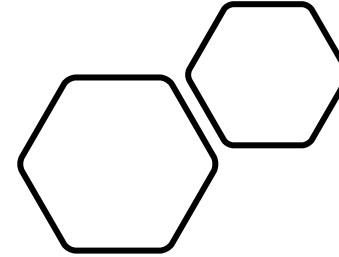
Private Clouds

Private Clouds are approximately characterized as cloud conditions exclusively devoted to a solitary end client or gathering, where the climate for the most part runs behind that client or gathering's firewall. All Clouds become private Clouds when the basic IT foundation is devoted to a solitary client with totally segregated admittance.

However, private Clouds never again must be obtained from on-prem IT foundation. Associations are currently fabricating private Clouds on leased, merchant possessed server farms situated off-premises, which makes any area and proprietorship rules out of date.

Advantages

Cloud-based programming offers organizations from all areas various advantages, including the capacity to utilize programming from any gadget either through a local application or a program. Therefore, clients can convey their documents and settings over to different gadgets in a totally consistent way.



Disadvantages

Security has generally been a major worry with the cloud particularly with regards to touchy clinical records and monetary data. While guidelines force distributed computing administrations to support their security and consistence measures, it stays a continuous issue. Encryption safeguards indispensable data, yet assuming that encryption key is lost, the information vanishes.

Servers kept up with by distributed computing organizations might succumb to cataclysmic events, inner bugs, and blackouts, as well. The topographical reach of distributed computing cuts the two different ways: A power outage in California could incapacitate clients in New York, and a firm in Texas could lose its information assuming something causes its Maine-based supplier to crash.



Riddle Time-2 [Answers]

1. He fell off the bottom step
2. The doorbell
3. First you look in the mirror and see what you saw, you take the saw and cut the table in half. Two halves equal a hole. So, you crawl out the hole and now your free.
4. Call the switches 1, 2 and 3. Leave switch 1 off. Turn switch 2 on for 5 minutes and then turn it off. Turn switch 3 on. Enter the room. If bulb is on it is controlled by switch 3. Feel the light bulb for heat. The warm bulb is controlled by switch 2. The bulb that is off and cold is controlled by switch 1.
5. Cell Phone
6. Mount Rushmore
7. He is inside cleaning windows

Achievement Awards





SPORTS ACHIEVEMENTS

THIRD YEAR STUDENTS

Hrishita Yadav (ECE 3rd Year)



Abhishek Kumar Singh (ECE 3rd Year)



THIRD YEAR STUDENTS

Shoaib Alam (ECE 3rd Year)



Universiteit
Leiden
The Netherlands

ICT Shared Service Center
Universiteit Leiden
Niels Bohrweg 1
2333 CA, Leiden

Leiden,

27-07-2021

Dear Mr. Alam,

Leiden University wishes to express its gratitude to you for voluntarily offering ICT related services. These services have contributed towards improvements in terms of safety, privacy and user satisfaction of our systems.

Specifically, you have used honed skills and abilities in finding and reporting bugs or vulnerabilities. Consequently, Leiden University can improve the organization's cybersecurity level. As an organization that highly values cybersecurity and security research, we would like to thank you kindly for reporting these issues.

Leiden University has committed to mitigating the reported issues as soon as possible. Please let us know if you find any issues/vulnerabilities in the future by reporting them to abuse@leidenuniv.nl.

With kind regards,

Aram Segaar
CISO Leiden University



Universiteit
Leiden

Universiteit Leiden | ISSC | Niebohrweg 1 | 2333CA Leiden | +31 71 527 8888 | www.universiteitleiden.nl

Certificate of Appreciation



This certificate acknowledges that

Shoaib Alam

found a web site vulnerability, then acted ethically by reporting it in a timely manner. These efforts have helped improve the overall level of security at Lenovo.

Lenovo Information Security

February 2022

Riddhi Agarwal (ECE 3rd Year)

CERTIFICATE PROUDLY PRESENTED TO

Riddhi Agarwal

Publishing in an academic journal and how to succeed with your publication

Sep 10, 2020

Date of Completion

Taylor & Francis Group

Organizer



Divy Power Pvt. Ltd.

CERTIFICATE OF INTERNSHIP COMPLETION

This certificate is presented to

Riddhi Agarwal

For successfully completing her 2-month internship for Content Writing work.

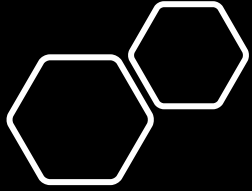
Presented this September of 2020.

Aadhya

Aadhya
Technical Recruiter



Placements 2018-2022



FOURTH YEAR STUDENTS (2018-2022)

<u>Name</u>	<u>Placed In</u>
Aashi Singh	HCL
Abhishek Kumar	Nucleus Software
Aditya Pandey	Hexaware
Ali Majaz	Wipro
Aman Saifi	Wealth Clinic
Antriksh Saxena	Spark Minda
Ayush Saini	NetProfit
Hardik Rastogi	Wipro
Jaya Sinha	Wipro, TCS
Kritika Nath	Wipro
Arman Shah	Mobiloitte, OPPO
Mudit Pratap	Planetcast
Mukul Chauhan	Mobiloitte
Manik Chaudhary	Wipro, HCL
Nikhil Kumar	Algoworks
Nisha	Mobiloitte, Spark Minda
Prakhar Trivedi	Mobiloitte, TCS, Algoworks
Rachit Garg	Wipro, Hexaware
Sakshi Varshney	Infosys, Wipro, Accolite Digital
Saransh Rai	Nucleus Software
Sarthak Gupta	Wipro
Saurabh Gupta	Wipro
Shashwat Dwivedi	Mobiloitte
Tanishka Vats	Mobiloitte
Tushar Kumar	Mobiloitte
Ved Prakash Sharma	Nucleus Software
Vishal Rana	mobiloitte
Utkarsh Singh	Planetcast
Riya Agarwal	Sterling
Prabhat Mittal	Amdocs, Zensar Technologies
Shelendra raghav	Amdocs
Akhil Ruhela	Tech Mahindra
Rahul Singh	Tech Mahindra
Ashish Sharma	Zensar Technologies
Arpit Soni	SopraSteria



FACULTY ACHIEVEMENTS

- Mr. Jaya Nidhi Vashishtha has successfully completed 4 weeks online Coursera Compulsory Course “Essentials of Entrepreneurship: Thinking & Action” on 30th March 2022 authorized by University of California, Irvine.
- Dr. Praveen Chaurasia has successfully completed 4 weeks online Coursera Compulsory Course “Essentials of Entrepreneurship: Thinking & Action” on 5th April 2022 authorized by University of California, Irvine.
- Ms. Mayurika Saxena has participated two days’ workshop on “Nano-scale Characterization and Analysis” from 10/03/2022 to 11/03/2022 conducted online by Department of Applied Science, NITTTR Chandigarh
- Ms. Mayurika Saxena has participated in workshop on “Art of Assertive Communication” organized by Institute of Management Studies, Ghaziabad on April 01,2022.
- Ms. Mayurika Saxena has successfully completed 4 weeks online Coursera Compulsory Course “Essentials of Entrepreneurship: Thinking & Action” on 2nd April 2022 authorized by University of California, Irvine.
- Ms. Jyoti Guglani delivered Technical Session on Emerging trends & Technology on 13th April 2022 at IMS Engineering College, Ghaziabad for students of Government Polytechnic, Hapur.
- Ms. Jyoti Guglani has successfully completed 4 weeks online Coursera Compulsory Course “Essentials of Entrepreneurship: Thinking & Action” on 5th April 2022 authorized by University of California, Irvine.
- Dr. Neeraj Jain has participated in Two-days workshop on “Nano-scale Characterization and Analysis” from 10/03/2022 to 11/03/2022 conducted online by Department of Applied Science, NITTTR Chandigarh.
- Ms. Sulekha Saxena has successfully completed 4 weeks online Coursera Compulsory Course “Essentials of Entrepreneurship: Thinking & Action” on 28th March 2022 authorized by University of California, Irvine.

DEPARTMENT ACTIVITIES



IMS ENGINEERING COLLEGE, GHAZIABAD
NAAC Accredited & NBA Accredited Programme
Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow
Under the aegis of IMS Society, Ghaziabad

INSTITUTION'S INNOVATION COUNCIL
20th Anniversary

Department of Electronics and Communication Engineering

foces CLUB

Life was full of joyfull EMOTIONS, UNTIL
THIS ERA OF ELECTRONIC GADGETS

MONDAY 9th MAY 2022 @ 3:30 PM

FACULTY COORDINATOR
Prof. Mayurika Saxena
Prof. Jaya Nidhi Vashishtha

STUDENT COORDINATOR
Ridhi Agarwal (3rd year ECE)
Aviral Tiwari (2nd year ECE)

ACTIVITIES

- Electronics puzzle
- Dabate
- Is Honesty still best policy?
- Are machines gaining control over man?

Venue: C-303 C-block of IMSEC

FOR ANY QUERY CONTACT
Riddhi : 7703993391
Aviral : 8700935576
Email : facesclub.eci@gmail.com

For Registration Scan The QR



NH-09, Adhyatmik Nagar, Distt: Ghaziabad, Uttar Pradesh-201015
Admission Enquiry: +91-9821396581/82/83 | Landline Number: 0120-4940000 | Whatsapp Number: +91-9821396583
Toll Free: 1800-102-8393 | Email ID: enquiry@imsec.ac.in | www.imsec.ac.in



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Under the aegis of IMS Society, Ghaziabad

INSTITUTION'S INNOVATION COUNCIL
20th Anniversary

**Department of Electronics & Communication Engineering and
Department of Electrical & Electronics Engineering**
organizing

**Innovative Idea in IoT
Based Embedded System**

CONVENER
Ms. Jyoti Guglani, HoD ECE
DR. Vijay KUMAR, HoD EN

SPEAKER
KARTIK GUPTA
Expert in IoT &
Embedded System, CETPA

MONDAY | 9th MAY 2022 | 2:00 PM

Venue: C Block, IMSEC

SCAN QR



REGISTRATION link
<https://forms.gle/1zB3wLFEhnJzKAxP9>

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Admission Enquiry: +91-9821396581/82/83 | Landline Number: 0120-4940000 | Whatsapp Number: +91-9821396583
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Department of MBA
organizing

Aaghaaz-2022

Annual Management Test

FRIDAY **13th** MAY 2022

Activities

9:30 AM ONWARDS



Major Attractions



Gifts



Trophy



CERTIFICATE

SCAN QR & REGISTER



STUDENTS COORDINATOR
Md. FAIZAN- 9789978866
Ashirwad Ruhela- 9997055428
Md ROHAAN- 88022 62079

FACULTY COORDINATOR
Ms. Punjika Rathi
punjika.rathi@imsec.ac.in

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Thank you

If you want to submit your articles, poem, any achievement

Contact Us:

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Editor: Prof. Mayurika Saxena

Team:

Riddhi Agarwal(3rd year)

Ritik Verma (2nd year)

Kavita Prajapati (2nd year)

Email us: facesclub.ece@gmail.com



IMS ENGINEERING COLLEGE

National Highway 24, Adhyatmik Nagar, Ghaziabad-201015 (U.P.)

Department of Information Technology, email:hodit@imsec.ac.in

Student Clubs under “INFOCORP” Society

S. No.	CLUB NAME	FACULTY INCHARGE	STUDENT PRESIDENT	MAJOR ACTIVITIES	YEAR OF ESTABLISHMENT	Vision	Mission	Upcoming Events
1.	Innovation & Entrepreneurship Club	Dr. Priyanka Tyagi 9811395850 priyanka.tyagi@imsec.ac.in	Utkarsh Srivastava (4 th Year) 9454044498 ut.sri.22@gmail.com	To conduct activities on Entrepreneurship, Startup, Demonstration of Innovative Projects, Alumni Interaction etc.	2020	To provide students with a supportive environment for holistic development as innovators and entrepreneurs.	To equip students with the required skill-sets through channels of hands-on experience & industry insights, thereby aiding their growth.	1. Guest Talk 2. Presentation on Business models
2.	Technology Club	Ms. Prabhjot Kaur 9315795263 prabhjot.kaur@imsec.ac.in	Rishabh Goyal (3 rd Year) 9460836163 Rishabhkt123@gmail.com	To organize technical events, seminars, conferences, coding contests, etc.	2020	To elevate the technical skillset of the students and get updated with the current trend of the industry standards.	To enhance the students' knowledge in the latest technologies by organizing and participating in technical programs.	1. Coding Competition 2. Technical Talk
3.	Socio, Cultural, Literature Club	Ms. Yashi Bharadwaj 8630730636 yashi.bhardwaj@imsec.ac.in	Yash Kumar (4 th Year) 7060533462 Yk7060533@gmail.com	To organize cultural events, essay writing contests, debates, events related to environmental concerns etc.	2020	To develop self-efficacy and confidence and would help to enhance the general knowledge base	To help learners to use their imagination, enhance their empathy for others, and lead them to develop their own creativity.	1. Writing Competition 2. Reels Competition

Prof. (Dr.) Sachi Gupta
HOD IT

IMS ENGINEERING COLLEGE
COMPUTER SCIENCE & ENGINEERING

CODERAIDERS



IMS Engineering College, Ghaziabad
Approved by AICTE, New Delhi & Affiliated to
Dr A P J Abdul Kalam Technical University



sites.google.com/view/coderaiders



CODERAIDERS

CSE DEPARTMENT CLUB

An event to enhance the coding skills.
Event Date: **26th March 2022(6 PM)**

Platform: **HackerRank**

For Registration Visit:
<https://bit.ly/3lxSoy7>

Co-ordinators :
Shaili Gupta
Vivek Jain

E-Certificate
for Winners

For any query, contact us :

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Devansh Agarwal: +919667036762

Bibhas Chandra Gupta: +919335040457

Chirag Goel: +918923246904

E-mail: coderaiders2k17@gmail.com

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Email-Id: enquiry@imsec.ac.in | www.imsec.ac.in

Web Link: <http://imsec.ac.in/computer-science-and-engineering/events/coderaider>

Shaili Gupta
Professor & I-
Department of Comput-
I.M.S. Engineering Col
Ghaziabad