IARE
INSTITUTE OF
AERONAUTICAL ENGINEERING

Offering Courses in CSE, CSE (AI&ML), CSE (DATA SCIENCE)
IT, ECE, EEE, AERO, MECH, CIVIL

STUDENT
HANDBOOK
2025-26

Contents

Welcome to
Institute of Aeronautical Engineering

Institute of Aeronautical Engineering (IARE), Hyderabad was established in the year 2000 and is run by the Maruthi Educational Society founded by a devoted group of eminent professionals and industrialists having a long and outstanding experience in the educational system with the noble objective of promoting quality technical education. With a mission 'Education for Liberation', it is paving path towards great achievements in the field of technology.

It was first founded in 1994 as Institute of Aircraft Maintenance Engineering approved by Directorate General of Civil Aviation, Government of India, New Delhi offering certification program in aircraft maintenance engineering. To cover the wide field of Aviation, in the year 2000 B.Tech program in

Aeronautical Engineering was started and has gradually transformed itself into an integrated multi-disciplinary technological institute.

At present, IARE is offering ten B.Tech programs and six M.Tech programs in engineering and Master of Business Administration. It is one of the most reputed colleges in engineering societies regionally and nationally.

The Institute is well known for its innovative spirit, intensive research and hands-on approach to solve real world problems, producing skillful engineers who are well received by industry and academia. Building on a strong foundation, the sustainability and high quality of the engineering and management programs have been assured. With the full support from our staff, It aims to be one of the leaders in the field of Engineering.

PROVIDING HOLISTIC APPROACH TOWARDS EXCELLENCE

Vision

To bring forth students, professionally competent and socially progressive, capable of working across cultures meeting the global standards ethically.

Mission

To provide students with an extensive and exceptional education that prepares them to excel in their profession, guided by dynamic intellectual community and be able to face the technically complex world with creative leadership qualities.

Further, be instrumental in emanating new knowledge through innovative research that emboldens entrepreneurship and economic development for the benefit of wide spread community.

Quality Policy

Our policy is to nurture and build diligent and dedicated community of engineers providing a professional and unprejudiced environment, thus justifying the purpose of teaching and satisfying the stake holders.

A team of well qualified and experienced professionals ensure quality education with its practical application in all areas of the Institute.
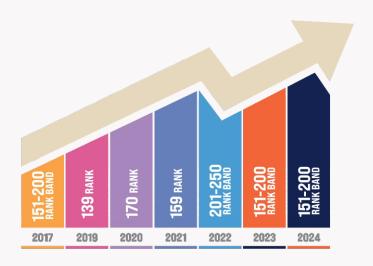
Rankings and Accolades

Engineering Category

It is a matter of great pride that the Institute of Aeronautical Engineering (IARE) is ranked 151-200 in Engineering category

as per National Institutional Ranking Framework (NIRF) - 2024, Ministry of Education, Govt. of India.

Innovation Category

In Innovation category of National Institutional Ranking Framework (NIRF) – 2024, Ministry of Education, Govt. of India, Institute of Aeronautical Engineering is ranked 11-50.

151-200 RANK BAND	139 RANK	170 RANK	159 RANK	201-250 RANK BAND	151-200 RANK BAND	151-200 RANK BAND
2017	2019	2020	2021	2022	2023	2024

BAND B CATEGORY BETWEEN 26-50	BAND EXCELLENT	51-100 RANK BAND	11-50 RANK BAND
2024	2022	2023	2024

THIS ILLUSTRATES POSITIVE PERFORMANCE AND QUALITY STANDARDS WE MAINTAIN IN TEACHING, RESEARCH, EMPLOYABILITY, AND INNOVATION.

IARE's rating as given by the most read and widely acclaimed magazines:

| India Today (54) | Competition Success Review (9)
| Times of India (64) | BW Business World (60)
| The Week (60) | Data Quest (75)
| Careers360 (AAAA) | Outlook (50)

Code Of Conduct And Policies

ACADEMIC INTEGRITY

Integrity is, one of the core values at Institute of Aeronautical Engineering. IARE believes that academic integrity is reinforced by the faculty as an element of the teaching and learning process. Only in limited instances, which call for stern disciplinary action, the Disciplinary Committee shall consider sanctions, warning, or in rare cases, removal of a student from the academic program.

MOBILE USAGE POLICY

In accordance with the institute policy, usage of mobiles are not allowed in instructional area i.e. classrooms, tutorial rooms, laboratories, central library, seminar halls and auditorium. Everyone will switch off his/her mobile phone in instructional area. In addition to this, usage of mobile phones not allowed where "No Mobile Zone" board is displayed. Use of mobiles for viewing videos / radio / music / camera, etc. is strictly prohibited. Use of Head phones/ Blue tooth devices in the campus is also strictly prohibited.

The dress code in the institute should be proper and appropriate. A professional appearance is appreciated.

DRESS CODE...

Laboratory name	Boys	Girls
Workshop / Engineering Physics and Engineering	Neat dress with shirt tucked in, blue / white apron and formal shoes	Chudidhars and Blue apron
Engineering Drawing Laboratories	Neat dress with shirt tucked in, blue apron and formal shoes	Chudidhars and Blue apron
Mechanical Engineering / Aeronautical Engineering / Civil Engineering Laboratories	Neat dress with shirt tucked in, blue apron and formal shoes	Chudidhars and Blue apron
Electronics and Communication Engineering / Electrical and Electronics Engineering Laboratories	Neat dress with shirt tucked in, blue apron and formal shoes	Chudidhars and Blue apron
Computer Science and Engineering Laboratories	Neat dress with shirt tucked in and formal shoes	Chudidhars

Anti-Ragging Act

Ragging has ruined countless innocent lives and careers. In order to eradicate it, Hon'ble Supreme Court in civil appeal No. 887 of 2009, passed the judgment wherein guidelines were issued for setting up of a Central Crisis Hotline and Anti-Ragging database.

Complying with the directives of the Hon'ble Supreme Court of India (vide its order dated 16 May 2007) and AICTE Notification dated 25 March 2009 (issued vide F. No. 37-3/Legal/AICTE/2009), an Anti-Ragging Committee is formed for overseeing the implementation of the provisions of the Anti-Ragging verdict.

It shall be the responsibility of the Anti-Ragging Committee to ensure compliance with the provisions of UGC regulations on Curbing of Menace of Ragging in Higher Educational Institutions 2009, as well as the provisions of any law for the time being in force concerning ragging and also to monitor and oversee the performance of the Anti-Ragging Squads detailed for prevention of ragging in the Institutions.

INSTITUTE GENERAL CODE OF CONDUCT

Institute punish the students if they found by consuming/ indulging in alcohol, smoking, drugs, paan & tobacco chewing, spitting, pornography, gambling, thieving, demonstrations and eve-teasing, indecent/inappropriate behavior. Complaints from any girl student will be treated seriously. It is strictly forbidden to comment in a disrespectful manner about their caste, religion any community,

It advises the following

.Do not post photos or videos of others without consent.
.Do not post vulgar pictures or of alcohol. Do not post
 pornographic or material that contains nudity.
.Do not make threats: Posts or comments that are abusive
 or threatening to other people can have legal consequences.
.Do not gossip: People could face fines of up to Rs. 10,000-/
 if they spread false information.
.Do not bully or harass: Users must not post content
 which includes hate speech, incites violence or which is
 threatening or contains graphic or gratuitous violence.

Student Code Of Conduct

No inappropriate physical contact between males and females.

Inappropriate dress for males and females is prohibited

No fighting, assault or any acts of violence.

No harassing, threatening, bullying or intimidating other

No possessing, using or distributing illegal substances

No smoking in the institute

No possessing of firearms, explosives or weapons

No gambling

No raising false alarms

No setting fires

Anti-Ragging Committee

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It shall be the responsibility of the Anti Ragging Committee to ensure compliance with the provisions of UGC Regulations on Curbing of Menace of Ragging in Higher Educational Institutions 2009, as well as the provisions of any law for the time being in force concerning ragging and also to monitor and oversee the performance of the Anti- Ragging Squads detailed for prevention of ragging in the Institutions.

The Committee will monitor the measures taken by the Institute for prevention of ragging and suggest appropriate actions/punishments against individuals indulged in ragging.

S No	Name	Designation	Department	Responsibility
1	Dr. L V Narasimha Prasad	Principal	CSE	Chairperson
2	Dr. Dr. D Govardhan	Professor	AE	Member
3	Dr. S Devaraj	Associate Professor and Head	AE	Member
4	Dr. Ambati Rama Mohan Reddy	Professor and Head	CSE	Member
5	Mr. N Rajasekhar	Assistant Professor & Head	IT	Member
6	Dr. P Munaswamy	Professor and Head	ECE	Member
7	Dr. Ch Sandeep	Professor and Head	MECH	Member
8	Dr. Damodhar Reddy	Associate Professor and Head	EEE	Member
9	Dr. R Ramya Swetha	Assistant Professor and Head	CE	Member
10	Dr. M Purushotham Reddy	Associate Professor	CSE (AI&ML)	CSIT	Member
11	Dr. K Rajendra Prasad	Associate Professor	CSE (CS)	Member
12	Dr. G Sucharitha Reddy	Associate Professor and Head	CSE (DS)	Member
13	Dr. T Vara Lakshmi	Professor and Head	MBA	Member
14	Dr. P Srilatha	Associate Professor and Head	Mathematics	Member
15	Dr. Rizwana	Professor and Head	Physics	Member
16	Dr. V Anitha Rani	Associate Professor & Head	Chemistry	Member
17	Dr. Jetty Wilson	Associate Professor & Head	English	Member

Code Of Conduct To Hostellers

All new residents are required to maintain standards of behavior expected of students of a prestigious Institution such as ours. They are expected to behave courteously and fairly with everyone both inside and outside the campus.

It is prohibited to throw garbage, trash or any other things outside the hostel through the windows/balconies. All such waste materials shall be dropped separately in the dustbins kept at the corners of all the wings of the hostels. The housekeeping staff engaged by the hostel collects garbage every day and dispose the same.

Playing of Football, Cricket and such other games which may cause damage to glass panels and properties, damage to vehicles and which may cause injury to any person is strictly prohibited in common or covered areas inside the hostel premises.

The students should not screen pirated / unauthorized / unlicensed movies in their computers and common rooms. Any violation will be dealt severely. Punishment for the same will be decided by authorities.

In case of damage to or loss of hostel property the cost will be recovered from the students responsible for such damage or loss, if identified, or from all the students of the hostel, as decided by the Associate Warden.

Smoking and consumption of alcoholic drinks and / or narcotic drugs in the hostel premises is strictly prohibited

All residents are required to carry their valid Identity Cards issued to them by the Institute.

The rooms, common areas and surroundings should be kept clean and hygienic. Notices shall not be pasted on walls and walls shall not be scribbled on.

The hostellers of one block should not enter the premises of other hostel block without prior permission of the chief warden/ warden.

The resident of a room is responsible for any damage to the property in the room.

Ragging of students admitted to the Institute is totally banned. Any violation of this by the students will be dealt with very seriously.

All senior students, hostellers and days scholar, are required to sign an Anti-Ragging Undertaking form.

Residents should not participate in any anti-national, antisocial or undesirable activity in or outside the campus. The visit of a person of the opposite sex to the hostel is restricted to common room and lounge.

Hostellers should strictly observe the normal rules of morality, conduct and behavior in their daily life and should not indulge in any activity unbecoming of students of the hostel. Violation of the rules and regulations will be informed to Principal, respective Head of the departments and their parents.

ANTI-RAGGING COMMITTEE

An Institute Anti-Ragging Committee has been constituted. The committee focuses on anti-ragging issues of the students and resolves the issues by suitable awareness drives, students counseling, monitoring, and control. The composition of the committee is as under:

SAY NO TO RAGGING

Monitoring Aspects Of Ragging

Anti-Ragging Surveys

Anonymous random surveys, across first year students to be carried out in the respective places allotted by Antiragging committee Chairman during first three months.

Anti-Ragging Committee (ARC) at the Institute Level

Anti Ragging Committee (ARC) should be constituted at Institute level to monitor the various aspects related to menace of ragging. The members of the committee can be nominated by the Principal. The ARC may have 'Principal' as chairperson and one member as convener, and all the head of the departments are as members.

Acting Responsibly

Given the impact that allegations of illegal harassment can have on those involved, the institute expects all persons involved in any procedure under this policy-whether as a complainant, a respondent, or a potential witness-- to act responsibly and in good faith.

Measures To Prevent Ragging

a. Anti-Ragging Committee (ARC) is constituted to ensure compliance with the provisions of the Regulations as well as the provisions of any law for the time being in force concerning ragging; It will also to nominate, monitor and oversee the performance of the Anti-Ragging Squad in prevention of ragging in the institution.

b. Anti-Ragging rules / guidelines are published in the prominent places in the campus and also on the Institute's website

c. Awareness programs are conducted and Anti-Ragging act is read out in the class rooms, during the induction and orientation programs for fresher and senior students.

d. ARC will be called upon to make surprise checks in the canteen, and other places vulnerable to incidents of, and having the potential of, ragging and shall be empowered to inspect such places.

e. ARC is empowered to conduct an on-the-spot enquiry into any incident of ragging referred to it by the Head of the institution or any concerned complainant and the enquiry report along with recommendations shall be submitted to the Anti-Ragging Committee for action.

The Committee will monitor the measures taken by the Institute for prevention of ragging and suggest appropriate actions/punishments against individuals indulged in ragging.

STOP GENDER VIOLENCE

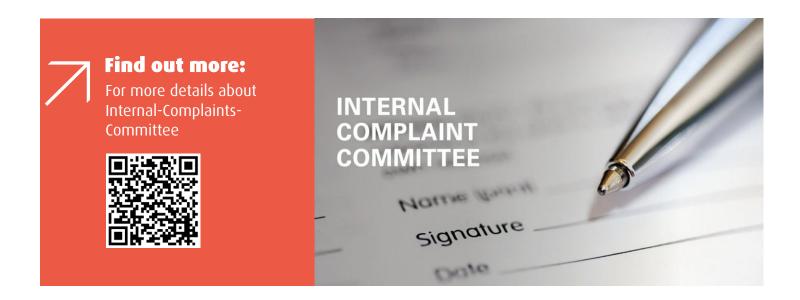RAGGING

Internal Complaints Committee (ICC)

Institute recognizes that all human beings are born free and are equal in dignity and rights and that all human beings are entitled to the full enjoyment of all human rights. Institute further recognizes that discrimination, violence, harassment and sexual misconduct is a serious challenge that undermines the physical and mental health, all round well-being, as well as the security of individuals, of communities and of the nation at large. All members of IARE should have the ability to live, work, study and participate in activities within a safe and healthy campus environment free from any sexual violence and free from any form of discrimination, violence and harassment.

In furtherance of its commitment towards prevention, prohibition and protection from any incident of discrimination, violence andharassment involving its members, institute has constituted a Committee for Internal Complaints Committee (ICC). The ICC has been vested with the power to investigate all cases of sexual harassment and sexual abuse on campus. The ICC shall have 7 members,and all members nominated for ICC must be women and the counsellor must be a member as an external person to ensureintegrity and impartiality of the ICC.

If students believe that they have been subject to harassment or sexual misconduct by another member of the institute, they can make a complaint through Website / SMS / Call / Email / Letter / verbally to any member of the ICC, to the head of the institution, or directly to the higher authorities of the Institute. Complaints can be made directly by the person facing harassment or even by a third party.

The Committee guarantees anonymity of complainants and all persons involved. All complaints will be dealt with equal seriousness irrespective of the positions held by the persons involved.

Find out more:

For more details about Internal-Complaints-Committee

INTERNAL COMPLAINT COMMITTEE

Grievance Redressal (Staff and Student)

Grievance Redressal Committee at IARE has been constituted as per the AICTE notification F. No. AICTE/PG/2012/20/SRO/06/1143, dated 25-07-2012, with the objective of resolving the grievances of students, parents and others. The committee comprises of following members

S.No	Name of the Member	Designation
1	Dr. L V Narasimha Prasad Principal, Institute of Aeronautical Engineering, Dundigal, Hyderabad	Chairperson
2	Dr. M Sushama Professor, Electrical and Electronics Engineering, JNTUH CEH, Hyderabad	Member
3	Dr. R Sayanna Former Vice chancellor, Kakatiya University, Warangal	Member
4	Dr. V Padmanabha Reddy Professor, Electronics and Communication Engineering, Institute of Aeronautical Engineering, Dundigal, Hyderabad	Member

Grievance Redress and Monitoring System (GRAMS) is an online platform available to the stakeholders to lodge their grievances to Grievance Officer on any subject related to service delivery.

The status of the grievance filed in GRAMS can be tracked with the unique registration ID provided at the time of registration of the complainant. GRAMS also provides appeal facility, if they are not satisfied with the resolution by the Grievance Officer. After closure of grievance if the complainant is not satisfied with the resolution, he/she can provide feedback to the Principal. If you have not got a satisfactory redress of your grievance within a reasonable period of time, you may seek help of Principal.

Grievances and Redressal (Faculty / Staff)

The committee focuses on the holistic staff development, executes and monitors all the activities in regard to the staff development. It conducts training, seminars/workshop & supports activities related to continuing education.

CONVENER

Dr. M Purushotham Reddy

Professor,
Dept. of CSE (AI&ML)

MEMBERS

Dr. G Chandra Sekhar

Assistant Professor, CSE

Dr. G V R Seshagiri Rao

Associate Professor, ME

Ms. K Laxmi Narayanamma

Assistant Professor, CSE

Ms. K S Indrani

Assistant Professor, ECE

Mr. A Satish Kumar

Assistant Professor, EEE

Ms. I Shireesha

Assistant Professor, MBA

Ms. Zeba Farooq

AAO (Estd.), Administration

Grievances and Redressal (STUDENTS)

Grievances Redressal Committee is formed in order to keep the healthy working atmosphere and to uphold the dignity of the institute by ensuring strife free atmosphere in the institute to promote cordial student to student relationship, student to teacher relationship relations etc. This cell also helps students and parents to record their complaints and solve their problems related to academics, resources and personal grievances.

Suggestion / complaint Boxes have been installed at different places in the campus, in which the students who want to remain anonymous, can put in writing their grievances and their suggestions for improving the academic/administration in the institute. Students and parents can lodge a complaint. Students can also lodge ragging complaints. The person concerned can personally approach or write / e-mail to any member of the cell. They can send email on grievances.student@iare.ac.in, or write an application and submit it to cell convener.

CONVENER

Dr. V Padmanabha Reddy

Professor, Dept. of
Electronics and Communications Engineering

MEMBERS

Dr. K Viswanath Allamraju
Associate Professor, ME

Mr. B Raju
Assistant Professor, Chemistry

Dr. S Devaraj
Assistant Professor, AE

Ms. G Ajitha
Assistant Professor, ECE

DISCIPLINARY COMMITTEE

The committee focuses on discipline related issues of the students and resolves the issues by suitable awareness drives, students counseling, monitoring, and control. The members also study the case of indiscipline and send the final report to the Principal for necessary action.

An Institute Discipline Committee has been constituted and the composition is as under

S.No	Name	Designation	Department	Responsibility
1	Dr. D Govardhan	Professor and Head	AE	Convener
2	Dr. M Purushotham Reddy	Professor	CSE(AI&ML)	Co-Convener
3	Dr P Ashok Babu	Professor	CSE(AI&ML)	Member
4	Dr. G Sarath Raju	Assistant Professor	ME	Member
5	Dr. T Vara Lakshmi	Associate Professor and Head	MBA	Member

S.No	Name	Designation	Department	Name of the Committee	Responsibility
1	Dr. L V Narasimha Prasad	Principal	CSE	Faculty Recruitment Committee	Chairman
2	Dr. Ch Srinivasulu	Professor	CSE	Program Assessment & Quality Improvement	Convener
3	Dr. P Ashok Babu	Professor	CSE (AI&ML)	Internal Quality Assurance Centre	Convener
4	Dr. M Pala Prasad Reddy	Associate Professor	EEE	Placement and Training	Convener
5	Dr. Vara Lakshmi Thavva	Professor	MBA	Internal Complaint Committee	Convener
6	Dr. Ranjith Kumar Gatla	Associate Professor	EEE	Research and Development & IPR	Convener
7	Dr. K. Raghu Ram Mohan Reddy	Associate Professor	MECH	Innovation Steering	Convener
8	Dr. Shaik Jakeer Hussain	Professor	CSE (AI&ML)	Start-Up Enclave	Convener
9	Dr. G Hima Bindu	Professor	MECH	Career Guidance and Progression	Convener
10	Mr. V Mahidhar Reddy	Assistant Professor	MECH	ICT & E-LEARNING	Convener
11	Dr. Rizwana	Professor	PHYSICS	Women Welfare and Protection	Convener
12	Dr. T Vara Lakshmi	Professor	MBA	Women Empowerment	Convener
13	Dr. M Purushotham Reddy	Professor and Head	IT	Staff Grievances Redressal	Convener
14	Dr. V Padmanabha Reddy	Professor	IT	Students Grievances Redressal	Convener
15	Dr. V Kishen Ajay Kumar	Associate Professor	ECE	SC / ST / OBC Cell	Chairman
16	Dr. D Shobha Rani	Professor	EEE	Cultural	Convener
17	Dr. D Govardhan	Professor	AE	Institute Admissions Canteen Coordination	Convener
18	Dr. Y Pandu Rangaiah	Associate Professor	ECE	Research Advocacy	Convener
19	Dr. Ranjith Kumar Gatla	Associate Professor	EEE	Research Ethics and Advisory	Convener
20	Dr. V Anitha Rani	Associate Professor	Chemistry	Outreach and Inclusivity	Convener
21	Ms. I Shireesha	Assistant Professor	MBA	Event Planning and Management	Convener
22	Dr. V Padmanabha Reddy	Professor	ECE	Green and Smart Campus	Convener
23	Dr. K Viswanath Allamraju	Professor	IT	Industry Institute Interface	Convener
24	Ms. I Shiresha	Assistant Professor	MBA	Alumni Affairs	Convener
25	Dr. D Govardhan	Professor	AERO	Health, Safety and Wellbeing	Convener
26	Dr. Y Mohana Roopa	Associate Professor	CSE	Strategic Planning and Implementation	Convener
27	Dr. Ch Srinivasulu	Professor	CSE	Outcome Based Teaching And Learning	Convener
28	Dr. J Suresh Goud	Associate Professor	MATHEMATICS	Student Affairs & Timetable Committee	Convener
29	Dr. D Shobha Rani	Professor	EEE	International Affairs & Prevention of Sexual Harassment	Convener
30	Dr. P. Srilatha	Assistant Professor	MBA	Brand Building and Vigilance Officer	Convener
31	Mr. N Suresh	Assistant Professor	MBA	Transport	Convener

Other Committee Details

Find out more:
For more details about statutory-and-institute -level-committees

Admission Procedure

Admissions to the Institute are made along with the other engineering colleges in the state through a common entrance test conducted by the Govt. of Telangana.

B.Tech Programs

Category 'A'

Admissions under Category 'A' (70%) are made by the Telangana State Council of Higher Education through a common entrance test TS EAMCET.

Category 'B'

Admissions under Category 'B' (Management / NRI - 30%) are done based on merit as per the guidelines of TSCHE, Hyderabad.

Economically Weaker Section (EWS)

Admissions under EWS is 10% against category 'A' seats.

Lateral Entry into II Year B.Tech

Diploma holders are admitted directly into the second year of B.Tech to the extent of 10% of the intake based on the rank obtained in the Engineering Common Entrance Test (ECET), under lateral entry scheme conducted by Govt. of Telangana.

M.Tech / MBA Programs

Admissions to the M.Tech programs are made through both Category 'A' and Category 'B'. Category 'A' admissions (70% of the seats) are made based on a valid GATE score / Rank obtained in TS PGECET common entrance test conducted by the Government of Telangana. Category 'B' admissions (30% of seats) are done on the basis of merit as per the guidelines of TSCHE, Hyderabad.

In case of MBA, 70% of the seats are filled by ICET Convener and 30% of the seats are filled based on merit as per the guidelines of TSCHE, Hyderabad.

This is a great time to study

Education prepares students for today's world.

PHOTOGRAPHS

On admission a student shall submit five copies of his / her photograph with the following specifications

3.5 cm x 3.5cm
White background
80% of the photo should comprise of the face
Sunglasses, hats, etc. should be avoided

Note:
Students are advised to keep additional copies of the same for use in examination application forms and other forms.

Courses Offered

B.Tech Programs

1. Aeronautical Engineering
2. Computer Science and Engineering
3. CSE (Artificial Intelligence and Machine Learning)
4. CSE (Data Science)
5. Information Technology
6. Electronics and Communication Engineering
7. Electrical and Electronics Engineering
8. Mechanical Engineering
9. Civil Engineering

M.Tech Programs

1. Aerospace Engineering
2. Computer Science and Engineering
3. Embedded Systems
4. Electrical Power Systems
5. Computer Aided Design and Manufacture
6. Structural Engineering

Management

Master of Business Administration

Payment Of Fees And Financial Matters

To ensure students are well informed of the financial considerations of their enrolment, the institute provides fee information to each student prior to enrolment.

All students are requested to pay the academic fees for the academic year 2024 - 25 through HDFC Smart Hub (Payment Gateway) module only. The Administrative office operates from Monday to Saturday between 09.15 a.m. to 06.00 p.m. It also provides information about tuition fees, refunds, examination fees, financial aid and fines.

Last slot for payment of annual tuition fee is from 01 May to 15 May for each year of study. Students must pay the fees by the payment schedule. Failure to pay fees by the due date may incur a financial penalty. The late payment of tuition fee with fine of Rs. 500/- per day is applicable on the next 6 days and thereafter, Rs. 100/- per day upto a day before the date of course registration as specified in the academic calendar.

Scholarships and provisions for EBC

Reserved category students and EBC students may be eligible for scholarships offered by the State Government/ Central Government. Such students need to submit their applications along with the required certificates to the scholarship desk at the Institute at the beginning of every academic year.

Find out more:

For more details about Institute Academic Calendar / Events and Fests / Pre events and Post events details

Course Registration And Academic Calendar

It is mandatory for all the students to register the courses through the Samvidha – Campus Management Portal, before the commencement of the class work of each semester.

Month	Week	Mon	Tue	Wed	Thur	Fri	Sat	Sun	No. of Academic days	Holidays / Events
AUG	--					1	2	3	2	
	--	4	5	6	7	8	9	10	6	
	--	11	12	13	14	15	16	17	4	15 – Independence Day 16 - Sri Krishna Astami
	1	18	19	20	21	22	23	24	6	18 – **Commencement of I Semester Classwork**
	2	25	26	27	28	29	30	31	5	27 – Vinayaka Chavithi
SEP	3	1	2	3	4	5	6	7	5	05 - Milad-un Nabi
	4	8	9	10	11	12	13	14	6	
	5	15	16	17	18	19	20	21	3	21 - Bathukamma Starting Day
	6	22	23	24	25	26	27	28	4	
	--	29	30						--	29 Sep – 04 October - Dussehra Recess
OCT	--			1	2	3	4	5	--	02 – Mahatma Gandhi Jayanthi / Vijaya Dashami
	7	6	7	8	9	10	11	12	6	
	8	13	14	15	16	17	18	19	6	
	--	20	21	22	23	24	25	26	5	**21/10/2025 to 24/10/2025** - CIE-I 20 - Deepavali
	9	27	28	29	30	31			5	
NOV	--						1	2	1	
	10	3	4	5	6	7	8	9	5	05 - Kartika Pournima / Gurunanak's Birthday
	11	10	11	12	13	14	15	16	6	
	12	17	18	19	20	21	22	23	6	
	13	24	25	26	27	28	29	30	2	
DEC	14	1	2	3	4	5	6	7	-	
	15	8	9	10	11	12	13	14	-	
	16	15	16	17	18	19	20	21	-	**16 - End of I Semester** **17/12/2025 to 20/12/2025** - CIE–II
	--	22	23	24	25	26	27	28	4	**22/12/2025 to 24/12/2025 Preparation holidays** 25 - Christmas
	--	29	30	31					3	26/12/2025 to 05/01/2026 Semester End Examinations
JAN	--				1	2	3	4	2	01 - New Year
	--	5	6	7	8	9	10	11	6	**06/01/2026 to 10/01/2026** Practical Examinations
	--	12	13	14	15	16	17	18	--	12 – 17 – Sankranthi / Pongal Holidays
	1	19	20	21	22	23	24	25	6	19- **Commencement of II Semester Classwork**
	2	26	27	28	29	30	31		5	26 - Republic Day
FEB								1	-	
	3	2	3	4	5	6	7	8	6	
	4	9	10	11	12	13	14	15	6	15 - Maha Shivarathri
	5	16	17	18	19	20	21	22	6	
	6	23	24	25	26	27	28		1	

Month	Week								Days	Remarks
MAR	--							1	-	
	7	2	3	4	5	6	7	8	5	03 – Holi
	8	9	10	11	12	13	14	15	6	
	--	16	17	18	19	20	21	22	4	**16/03/2026 to 19/03/2026** - CIE-I 20 – Ugadhi 21 – Eid Ul Fitr (Ramzan)
	9	23	24	25	26	27	28	29	5	27 - Sri Rama Navami
	--	30	31						2	
APRIL	10		1	2	3	4	5		3	03 – Good Friday 05 - Babu Jagjivan Ram Jayanthi
	11	6	7	8	9	10	11	12	6	
	12	13	14	15	16	17	18	19	5	14 - Dr. B.R. Ambedkar's Birthday
	13	20	21	22	23	24	25	26	6	
	14	27	28	29	30				4	
MAY	--				1	2	3			**1- Commencement of field project**
	--	4	5	6	7	8	9	10	4	01/05/2026 to 31/05/2026 – Summer Vacation (31 Days) 27 – Bakrid / Eid al Adha
	--	11	12	13	14	15	16	17	7	
	--	18	19	20	21	22	23	24	7	
	--	25	26	27	28	29	30	31	7	
JUNE	15	1	2	3	4	5	6	7	7	**01/06/2026 to 12/06/2026** Semester End Examinations
	16	8	9	10	11	12	13	14	6	13-**End of II Semester**
	--	15	16	17	18	19	20	21	-	**15/06/2026 to 18/06/2026** - CIE-II
	--	22	23	24	25	26	27	28	-	**19/06/2026 to 22/06/2026** – Preparation holidays 26 - Muharram
	--	29	30						-	**23/06/2026 to 03/07/2026** Semester End Examinations
JULY	--		1	2	3	4	5	6	-	**04/07/2026 to 09/07/2026** End Practical Examinations
	--	7	8	9	10	11	12	13	-	**10-Commencement of III Semester Classwork**
	--	14	15	16	17	18	19	20	-	
	--	21	22	23	24	25	26	27	-	21- Bonalu
	--	28	29	30	31				-	

Note: Total No. of working days: 90 days for Odd semester (16 weeks), 90 days for Even semester (16 weeks).

Color Code Used:	
	Starting and Ending of Working day
	Holidays
	Continuous Internal Examinations (CIE)
	Preparation Holidays
	Summer Vacation
	Semester End Examinations (SEE)
	Commencement of Field Project

Student Resources Library

The IARE Library is considered one of the most resourceful centres in twin cities since it caters to the current educational need on a wide scale. The institute has a duplex library which is spacious and voluminous enough to accommodate more than 57158 volumes of books. The first floor has Circulation Books, News Papers, Back Volumes of the Periodicals whereas the Second floor accommodates Reference Books, Current Periodicals, etc.

It has a modern infrastructure with a reading capacity of 500 students and 57158 volume of books. It has subscribed to more than 228 online journals of IEEE, ASME and it is subscribing more than 1526 Indian Journals & Magazines in print.

The contemporary digital library with a duplex design is completely computerized and equipped with bar-coding and Wi-Fi. The ability to borrow books whenever they want is made comfortable and convenient for readers by a fully automated library management system. Faculty members also have the option of uploading all of their lectures, question banks, lab manuals, and research notes to the institute's Intellect CMS repository in addition to these resources. With a simple key and a password, the students can access these.

The library has also been Information Centre providing information and intellectual requirements to its students and faculty with user-friendly approach. It offers a fully integrated and dynamic environment for conducting academic study. Multiple copies ensure that resources are easily available in Reference Section and Stack Section as well.

57158
BOOKS

10432
E-RESOURCES

12502
SFT. AREA

1526
JOURNALS

40
DIGITAL LABRARY

Library Rules

❖ Student's ID card is mandatory to enter into the library

❖ Talking on mobile phones inside the library is strictly prohibited

❖ Food and beverages are not allowed inside the library

❖ Playing games and watching movies in library are not allowed

❖ Do not take books out of library without issuing them, if caught disciplinary action will be taken

Library Working Hours

❖ All working days: 9:00 AM to 6:00 PM

❖ Sunday:10.00 AM to 01.00 PM

❖ The issue counters function between 9:15 AM and 06:00 PM on all working days.

Computer Centres

Specialized Equipments

→ HPT-32 Aricraft
→ Beechcraft Baron B55
→ Cessna 172 Flight Simulator
→ Low Speed Subsonic Wind Tunnel
→ Micro Gas Turbine
→ Puckling of Structs
→ Computerised Universal Testing Machine
→ 3D Printing Machine
→ 6 Axis Robotic Arm
→ Planing and Milling Machine
→ Rolls Royce Engine
→ IOT and Applications
→ NI Instrumentation
→ PCB Design and Fabrication
→ High Voltage Engineering
→ Digital System Design
→ Delta – PLC Arm
→ Cadence VLSI Design
→ CNC Machine Center
→ CNC Turning Center
→ Fanuc CNC Simulator
→ EDM Rapid Drill

→ Lazer Cutting Machine
→ Atigue Testing Machine
→ Tribology Test Rig
→ Electro Hydraulic Test Rig
→ Muffle Furnace
→ Magnetic Stirrer with Hot Plate
→ Digital Magnetic Stirrer with Hotplate
→ Digital Ultrasonic Cleaner
→ Muffle Furnace: Digital
→ Fume Cupboard
→ Hydraulic Press
→ Agate Motor and Pestle
→ Cole-parmer Mortar and Pestle Set
→ NI ELVIS/NI MyRIO/NIDAQ
→ AR/VR - Augmented Realltiy Virtual Reality

SOFTWARE PACKAGES

- Hyper Mesh , Unigraphics
- XiLinx/KeiL/PSCAD
- Solid Works
- Sales Force
- Cadence
- Computer-Assisted Language
- Software-Defined Radio
- Clementine
- Ansys
- Staad.pro
- Eclipse
- Nastran
- Adams
- NI LabVIEW
- Proteus
- Ibm Watson Analytics
- Rational Rose
- StarUML
- Rational Functional Tester

- Catia
- SAP
- Matlab
- Netbeans7.x with Java7
- Oracle
- Informatica
- Amazon and Aneka Cloud
- Python
- Node.js, Angularjs
- Autodesk Revit
- Hyper Works
- Cadem
- Multisim
- R/rstudio
- Tabulae
- Unity
- Vivado

Design and manufacturing workshops

Traditional soft modelling and prototyping facilities - the latest Computer Numerical Control (CNC) machining technology, industry-standard lathes, milling machines and metal sheet cutters

Rapid prototyping technology – multi-material 3D printers, laser cutters and vacuum casting systems

Wi Fi Internet 1800 Mbps

40 LEGAL APPLICATON DEVELOPMENT SOFTWARES

2000 COMPUTERS
(All new Dell, Lenovo, Acer | Intel i3 | i5 | i7 processor)

5 High End Dell Rack Servers

1 Firewall Cyberoam 500ing

In-house Quality Improvement Program

The in-house quality improvement program (IHQIP) aims at optimizing teaching and learning methods in the teaching-learning process. It works on three distinct fronts.

Sets up systems for accountability and continuous improvement in the classroom

Creates an environment where each student is constantly motivated to excel and reach new heights

Provides proactive career management facilities that help students find internships and campus placement jobs

Experiential Learning (ExL)

Experiential learning is, in essence, the process of developing new skills or knowledge through doing, rather than reading, watching or listening. It is the most natural and effective way that we learn. As such, experiential learning has much better rates of engagement, long-term retention and transferability than other methods of learning. Experiential learning lends itself to richer skill development.

In a world where technology is increasingly capable, the skills most need in students are ExL power skills, which relate to mindset, creativity, leadership and self management.

The Experiential Engineering Education Department (ExEEd) of IARE design and teach FIVE ExL power skills courses, to shape the students future.

ExL – Academic Success

ExL – Prototype / Design Building

ExL – Fabrication / Model Development

ExL – Project Based Learning

ExL – Research Based Learning

Digital IARE

e-Governance Portals

SAMVIDHA
CAMPUS MANAGEMENT PORTAL

EXAMDESK
EXAMINATION MANAGEMENT PORTAL

I A R E
AKSHA
LIBRARY INFORMATION SERVICES PORTAL

Learning Management Portal

akanksha
LEARNING MANAGEMENT PORTAL

BUILDiT
COMPETITIVE CODING PLATFORM

Outcome-Based Education

ESLO EVALUATION OF STUDENT
LEARNING OUTCOMES

bristom
Modern Assessment Platform for Anything

Student Assistance

1	Police	Police...100
		Fire... 101
		Police Station (Dundigal)... 8418 - 255633
		Police Control Room... 040 - 23232222
2	SHE Team	"SHE" Team...
		Cyberabad Police She teams,
		Whatsapp number: 94906 17444
		Barosa& She Teams: 040 2785 2355
3	Ambulance	Free Service...108
		Apollo Emergency... 1066 / 23548888
		Malla Reddy Narayana Multi Specialty Hospital... 040 2378 3000
		BBR Super Specialty Hospitals ... 040 - 33086065
4	Eye Banks	Eye Bank Association... 23545454
		L V Prasad Eye Bank... 30612514 / 23608262
		Sarojini Devi Eye Bank... 23317274
		TL Kapadiya Eye Bank... 23317274
5	Medical Services (24hrs)	Mahavir Hospital...23393134
		Niloufer Hospital...23394265
		Gandhi Hospital .... 040 - 27505566
		Osmania General Hospital... 24600121
6	24 Hours Pharmacy	Apollo Pharmacy...23231380
		Health Pharmacy...23310618
		Medwin Pharmacy...23202902
		New City Hospital Pharmacy...55260004

❖ To place final year students in respectable organizations through campus recruitment.

❖ To provide industrial training to students during their course of study.

❖ To organize lectures, seminars, group discussions, mock interviews etc. for career guidance, entrepreneurship and personality development.

❖ To provide information and assistance to students regarding opportunities for self-employment and job opportunities in India and abroad.

❖ To provide opportunities for higher studies in India and abroad.

❖ To prepare students for competitive examinations like GRE, GMAT, TOEFL, GATE, CAT etc.

Police

SHE Team | Eye Banks

Ambulance | Medical Services (24hrs) | 24 Hours Pharmacy

S.No	Name of Club	Faculty Coordinator	Student Coordinators
Community Service Clubs			
1	National Service Scheme (NSS)	Dr. V Anitha Rani	Shyam Sundar (21951A3346)
2	Club of Street Cause	Dr. C Mahendar	Sujitha Jammula (22951A6299)
3	Club of Women Empowerment	Dr. T Vara Lakshmi	----
4	Club of Electoral Literacy	Dr. S Jagadha	Vishnu Yenumula (21951A21C1)
Technical Clubs			
5	Club of Entrepreneurship	Dr. Raghu Ram Mohan Reddy	Akshat Pandey (21951A0504)
6	Club of Literary (Citadel)	Dr. P Srilatha	Anjana Perepi (22951A05F8)
7	Club of Compendium	Ms. S Shireesha	Yagnesh Reddy (22951A67J0)
8	Club of Google Developers	Dr. P L Srinivas Murthy	Ms. Cherishma (21951A6732)
9	Club of e-Dam	Dr. P L Srinivas Murthy	Yasasvi Mandapati (22951A67J1)
Cultural Clubs			
10	Club of Fine Arts	Dr. G srinivasu	Pooja Sunkara (21951A2158)
11	Club of Dance (Plugs)	Dr. M Venkata Chary	Yarlapally Sai Sathvik (21951A66C3)
12	Club of Music (Raphsody)	Dr. P Srilatha	Richard Abishai (22951A6695)
13	Club of Photography and Film	Ms. B Praveena	Dhathrish Mukkerna (21951A0537)
14	Club of Foodies (Bakasura)	Dr. P Raja Kumari	Prathipati Sai Sriyesh (21951A3341)
15	Sports Club	Mr. G Satyanarayana	Arun Sunder (22951A0422)
16	N2O Factory (Comedy Club)	Ms. L Indira	Gunadeep (22951A2114)
Professional Networking for Engineers			
17	CSI	Dr. Sajja Suneel	--
18	IEI	Dr. P L Srinivasa Murthy	--
19	ISTE	Mr. N Raghava Rao	--
20	IETE	Mr. D Veeraswamy	--
21	ACM	Dr. Sreelakshmi Doma	--
22	IMechE	Dr. C Labesh Kumar	--
23	SAE (Mechanical)	Dr. Ch Sandeep	--
24	SAE (Aeronautical)	Mr. A Rathan Babu	--
25	AIMS	Dr. K. Jagannayaki	--
26	IEEE	Dr. M V Krishna Rao	--
	IEEE (SPS)	Dr S China Venkateswarlu	
	IEEE (CIS)	Dr. M V Krishna Rao	
	IEEE(CS)	Dr. M V Krishna Rao	
	IEEE (WIE)	Dr. P Ramadevi	--
	IEEE (RAS)	Dr. P Ashok Babu	
	IEEE(PES)	Dr. Damodhar Reddy	--
27	CISCO NET ACAD	Dr. Sajja Suneel	

Find out more:
For more details about statutory-and-institute-level-committees

Cafeteria

Spacious canteen inside the campus with a capacity of 400 persons at a time with dining hall and kitchen offering delicious and nutritious food prepared in a hygienic environment to all the students and the faculty.

Transport

Fleet of 26 luxury buses, provides transport facilities to the students and faculty ensuring hassle-free and safe transportation from all parts of Hyderabad and Secunderabad.

26 Buses | GPS tracking | Terminals across the city

Accommodation

IARE has a home away from home with the best amenities provided to students to experience a comfortable lifestyle within the vicinity of 1 km of the campus. The institute provides separate hostels for boys and girls.

→ **Spacious well-ventilated rooms accommodating two persons in each room**

→ **Separate hostels for boys and girls**

→ **Ragging-free environment**

→ **24X7 Wi-Fi facility**

→ **Round-the-clock security**

→ **RO purified water facility**

→ **Well-furnished dining room with a seating capacity of 350 students**

→ **Health care and regular visits by registered physicians**

→ **Healthy and hygienic food**

→ **On call doctor**

→ **Free transportation to and from the institute**

Phone Directory

Name and Responsibility	E-mail	Phone Number
Dr. L V Narasimha Prasad Principal	principal@iare.ac.in	040-29709851, 9703618753
Dr. G Chandra Sekhar Vice Principal & Dean of Academics	viceprincipal@iare.ac.in	9703618749
Dr. M Pala Prasad Reddy Placement and Training Officer	pat@iare.ac.in	9491602701
Dr. P. Ashok Babu Dean of Internal Quality Assurance Centre (IQAC)	iqac@iare.ac.in	9848898290
Dr. Y Mohana Roopa Dean of Strategic Development and Finance	dean-sdd@iare.ac.in	9573988829
Dr. SK Abdul Pasha Dean of Planning, Monitoring & Continuing Studies I/C Grievances and Redressal	pmcs@iare.ac.in dean-grc@iare.ac.in	9392045406
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B.Tech
Program Outcomes (POs)

PO-1 Engineering Knowledge

Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO-2 Problem Analysis

Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO-3 Design/Development of Solutions

Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO-4 Conduct Investigations of Complex Problems

Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO-5 Engineering Tool Usage

Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO-6 The Engineer and The World

Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO-7 Ethics

Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO-8

Individual and Collaborative Team work

Function efectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO-9 Communication

Communicate efectively and inclusively within the engineering community and society at large, such as being able to comprehend and write efective reports and design documentation, make efective presentations considering cultural, language, and learning diferences

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PO-10

Project Management & Finance

Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multi disciplinary environments.

PO-11 Life-Long Learning

Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

Aeronautical Engineering

VISION

To build a strong community of dedicated graduates with expertise in the field of aeronautical science and engineering suitable for industrial needs having a sense of responsibility, ethics and ready to participate in aerospace activities of national and global interest.

MISSION

To actively participate in the technological, economic and social development of the nation through academic and professional contributions to aerospace and aviation areas, fostering academic excellence and scholarly learning among students of aeronautical engineering.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

To prepare and provide student with an academic environment for students to excel in postgraduate programs or to succeed in industry / technical profession and the life-long learning needed for a successful professional career in Aeronautical Engineering and related fields (Preparation & Learning Environment).

PEO-II

To provide students with a solid foundation in mathematical, scientific and engineering fundamentals required to solve engineering problems and also to pursue higher studies (Core Competence).

PEO-III

To train students with good scientific and engineering breadth so as to comprehend, analyze, design, and create novel products and solutions for the real life problems (Breadth).

PEO-IV

To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context (Professionalism).

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Build the prototype of UAVs and aero-foil models for testing by using low speed wind tunnel towards research in the area of experimental aerodynamics.

PSO-II

Focus on formulation and evaluation of aircraft elastic bodies for characterization of aero elastic phenomena.

PSO-III

Make use of multi physics, computational fluid dynamics and flight simulation tools for building career paths towards innovative startups, employability and higher studies.

Mechanical Engineering

VISION

The Department of Mechanical Engineering envisions value-based education, research and development in the areas of Manufacturing and Computer Aided Engineering as an advanced center for Mechanical Engineering, producing graduates of world-class competence to face the challenges of global market with confidence, creating effective interface with various organizations.

MISSION

The mission of the Mechanical Engineering Department is to prepare effective and responsible engineers for global requirements by providing quality education and to improve pedagogical methods employed in delivering the academic programs to the needs of the industry and changing world by conducting basic and applied research and to generate intellectual property.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

To provide students with a sound foundation in the mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze engineering problems.

PEO-II

To prepare students for successful careers in industry that meet the needs of local, Indian and multinational companies.

PEO-III

To develop the ability among students to synthesize data and technical concepts for application to product design and prepares students to work as part of teams on multidisciplinary projects.

PEO-IV

To promote student awareness for life-long learning and to introduce them to codes of professional practice, ethics and prepare them for higher studies.

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Focus on Ideation and Research towards Digital manufacturing in Product development using Additive manufacturing, Computer Numerical Control (CNC) simulation and high speed machining

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PSO-II

Formulate and Evaluate concepts of Thermo-Fluid Systems to provide solutions for Inter Disciplinary Engineering Applications.

PSO-III

Make use of Computational and Experimental tools for Building Career Paths towards Innovation Startups, Employability and Higher Studies.

Civil Engineering

VISION

To produce excellent professionals, who will provide engineering solutions for infrastructure development and managing sustainable socio-economic advancement.

MISSION

Advancing innovative civil engineering solutions for society and creating leaders by integrating experiential education to face complex technical challenges.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

Excel in engineering career in public and private sectors or academia by applying knowledge acquired in mathematical, computing and engineering principles, and enhancing their skills.

PEO-II

Engage in design and analysis of civil engineering systems after considering safety, sustainability, economic and social impacts of engineering decisions.

PEO-III

Continue their education in postgraduate or other professional education including continuous professional development.

PEO-IV

Provide consultancy services for companies and public institutions.

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Design and Supervise Sub-Structures and Super Structures for Residential and Public Buildings, Industrial Structures, Irrigation Structures, Power Houses, Highways, Railways, Airways, Docs and Harbours.

PSO-II

Focus on Improving Performance of Structures with reference to Safety, Serviceability and Sustainable Green Building Technology.

PSO-III

Make use of Advanced Structural Analysis and Project Management Software for creating Modern Avenues to succeed as an Entrepreneur, Pursue Higher Studies and Career Paths.

Electronics and Communication Engineering

VISION

To produce professionally competent engineers, innovators and entrepreneurs capable of effectively addressing the technical challenges with social responsibility and professional ethics.

MISSION

To provide an academic environment that will ensure high quality education, training and research by keeping students abreast of latest research and innovations in science and technology aimed at promoting employability, entrepreneurship, leadership qualities with ethics and research attitude.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

To make the students to excel in professional career in applied research by acquiring the knowledge in electronics, basic sciences and professional skills through rigorous learning.

PEO-II

To prepare the students to analyze real life problems and design socially accepted and economically feasible solutions in the chosen field of engineering or other fields.

PEO-III

To involve the students in lifelong learning and professional development by pursuing higher education and participation in research and development activities to integrate engineering issues to broader social contexts.

PEO-IV

To exhibit effective communication skills in their professional career, lead a team with good leadership traits and good interpersonal relationship with the members related to other engineering streams.

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Build Embedded Software and Digital Circuit Development platform for Robotics, Embedded Systems and Signal Processing Applications.

PSO-II

Focus on the Application Specific Integrated Circuit (ASIC) Prototype designs, Virtual Instrumentation and System on Chip (SOC) designs.

PSO-III

Make use of High Frequency Structure Simulator (HFSS) for modeling and evaluating the Patch and Smart Antennas for Wired and Wireless Communication Applications.

Electrical and Electronics Engineering

VISION

To produce comprehensively trained, socially responsible, innovative electrical engineers and researchers of high quality who can contribute for the nation's and global development.

MISSION

The mission of Electrical and Electronics Engineering is to provide academic environment with a strong theoretical foundation, practical engineering skills, experience in interpersonal communication and teamwork along with emphasis on ethics, professional conduct and critical thinking. Further, the graduates will be trained to have successful engagement in research and development and entrepreneurship.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

To provide students with the knowledge of Basic Sciences in general and Electrical and electronics Engineering in particular so as to acquire the necessary skills for analysis and synthesis of problems in generation, transmission and distribution.

PEO-II

To provide technical knowledge and skills to identify, comprehend and solve complex tasks in industry and research and inspire the students to become future researchers / scientists with innovative ideas.

PEO-III

To prepare the students for successful employment in various Industrial and Government organizations, both at the National and International level, with professional competence and ethical administrative acumen so as to handle critical situations and meet deadlines.

PEO-IV

To train the students in basic human and technical communication skills so that they may be both good team-members, leaders and responsible citizen.

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Design, Develop, Fabricate and Commission the Electrical Systems involved in Power generation, Transmission, Distribution and Utilization.

PSO-II

Focus on the Components of Electrical Drives with its Converter Topologies for Energy Conversion, Management and Auditing in Specific applications of Industry and Sustainable Rural Development

PSO-III

Gain the Hands-On Competency Skills in PLC Automation, Process Controllers, HMI and other Computing Tools necessary for entry level position to meet the Requirements of the Employer.

CSE (Data Science)

VISION

The Vision of the department is to produce competent graduates suitable for industries and organizations at global level including research and development with Social responsibility.

MISSION

To provide an open environment to foster professional and personal growth with a strong theoretical and practical background having an emphasis on hardware and software development making the graduates industry ready with social ethics.

Further the Department is to provide training and to partner with Global entities in education and research.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

Students will establish themselves as effective professionals by solving real problems through the use of computer science knowledge and with attention to team work, effective communication, critical thinking and problem solving skills.

PEO-II

Students will develop professional skills that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields.

PEO-III

Students will demonstrate their ability to adapt to a rapidly changing environment by having learned and applied new skills and new technologies.

PEO-IV

Students will be provided with an educational foundation that prepares them for excellence, leadership roles along diverse career paths with encouragement to professional ethics and active participation needed for a successful career.

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Understand, design and analyze computer programs in the areas related to Algorithms, System Software, Web design, Big data, Artificial Intelligence, Machine Learning and Networking.

PSO-II

Focus on improving software reliability, network security or information retrieval systems.

PSO-III

Make use of modern computer tools for creating innovative career paths, to be an entrepreneur and desire for higher studies.

Information Technology

VISION

The Department envisions to become a Center of Excellence in Information Technology with a strong teaching and research environment that produces competent graduates and to inculcate traits to make them not only good professionals but also kind, committed and socially oriented human beings.

MISSION

To promote a teaching and learning process that includes latest advancements in information technology, that provides strong practical base for the graduates to make them excellent human capital for sustainable competitive edge and social relevance by inculcating the philosophy of continuous learning and innovation in the core areas.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

To prepare the graduates for a successful career to meet the diversified needs of industry, academia and research.

PEO-II

Apply knowledge of societal impacts of information technologies in the course of their career related activities ethically and appropriately

PEO-III

To equip graduates with a solid foundation in discrete mathematical and engineering fundamentals required to develop problem solving ability in complex engineering design.

PEO-IV

To inculcate in graduates the qualities of leadership in technology innovation and entrepreneurship with effective communication skills, teamwork, ethics and to create ability for life-long learning needed in a successful professional career

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Design next-generation computer systems, networking devices, search engines, soft computing and intelligent systems, web browsers, and knowledge discovery tools.

PSO-II

Focus on mobile and web applications development and learn the emerging technologies and frameworks in demand with employers and contemporary challenges.

PSO-III

Practical experience in shipping real world software, using industry standard tools and collaboration techniques will equip to secure and succeed in first job upon graduation in IT industry.

Computer Science and Engineering

VISION

Graduates of the Department of Computer Science and Information Technology will empower technologically adept, innovative, self-motivated and responsible citizens, to emerge as leaders in academics or an inspiring revolutionary in entrepreneurship and Research environment.

MISSION

To achieve academic excellence by imparting in-depth knowledge to the students through effective pedagogies and hands on experience on latest tools and technologies with an objective to contribute to society by innovations with enhancing student knowledge through interactive instruction, global engagement, experiential learning and research.

Further the Department is to provide training and to partner with Global entities in education and research.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

Understand, analyse Computer Science and Information Technology problems and relate them with real life.

PEO-II

Acquire knowledge in core areas of Computer Science and Information Technology to meet the needs of industry.

PEO-III

Gain insights in to the recent trends, professional skills, communication skills and teamwork needed for successful professional.

PEO-IV

Exhibit leadership qualities, social consciousness and ethical values for lifelong learning.

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Develop software systems reflecting platform constraints, version control, and automation for digital innovation and transformation.

PSO-II

Evaluate the successful applications for IoT and Cyber-Physical Systems and Implement cyber security measures using tools, and networking technologies as per the needs of Industry and society

PSO-III

Apply appropriate machine learning models, tools, and techniques to perform data analytics for effective decision-making and create innovative career paths toward Continuous Learning.

CSE (Artificial Intelligence & Machine Learning)

VISION

The Vision of the department is to produce competent graduates suitable for industries and organizations at global level including research and development with Social responsibility.

MISSION

To provide an open environment to foster professional and personal growth with a strong theoretical and practical background having an emphasis on hardware and software development making the graduates industry ready with social ethics.

Further the Department is to provide training and to partner with Global entities in education and research.

B.Tech
Program Educational Objectives (PEOs)

PEO-I

Students will establish themselves as effective professionals by solving real problems through the use of computer science knowledge and with attention to team work, effective communication, critical thinking and problem solving skills.

PEO-II

Students will develop professional skills that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields.

PEO-III

Students will demonstrate their ability to adapt to a rapidly changing environment by having learned and applied new skills and new technologies.

PEO-IV

Students will be provided with an educational foundation that prepares them for excellence, leadership roles along diverse career paths with encouragement to professional ethics and active participation needed for a successful career.

B.Tech
Program Specific Outcomes (PSOs)

PSO-I

Build skills to develop software applications in specialized areas of Computer Science and Engineering such as Artificial Intelligence, Machine Learning, Data Science, Web Development, Gaming, Augmented Reality / Virtual Reality (AR/VR).

PSO-II

Focus on exploring supervised, unsupervised and reinforcement learning and apply them to a range of AI problems.

PSO-III

Make use of AI and ML techniques for industrial applications in the areas of Autonomous Systems, IOT, Cloud Computing, Robotics, Natural Language Processing and emerging areas

INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal – 500 043, Hyderabad

Student Details

Roll Number	:	
Name of the Student (As per SSC)	:	
Branch	:	
Date of Birth (DD / MM / YYYY)	:	
Blood Group	:	
Gender	:	Male / Female
Email ID	:	
Mobile Number	:	
Aadhaar Number	:	
Type of Admission (Tick any one)	:	Convener / Management / PMSSS / Lateral entry students
Nature of Stay (Tick any one)	:	Staying in College Hostel / Private Room / Day Scholar

Address

Permanent Address	:	
Address for Communication	:	

Details of Parents / Guardian

		Name	Mobile Number	Email ID	Occupation
Father	:				
Mother	:				
Local Guardian (if any)	:				

Copy to:
Head of the department

Signature of the student

Student Handbook Acknowledgement (2025 – 2026)

Name: _____ Class and Branch: _____

Roll No: _____ Permanent Address: _____

_____

City: _____Pin Code: _____ State: _____

Student's (Mobile No): _____ Student's Email Address: _____

Father's (Mobile No): _____ Mother's (Mobile No): _____

I hereby acknowledge the receipt of the Student Handbook and agree to abide by the norms laid by the Institute from time to time.

Student name and Signature   Received Date

Copy to:

Dean of Academics

Anti-ragging Undertaking Form

I, _____(Name of the student) studying_____

_____ (Year, Semester, Section), S/D_____

_____residing at _____

_____ (Permanent home address with phone number if any) undertake that I am aware of the system of punishment in case of ragging other students, I become involved in any manner in any ragging case I am liable for any punishment, including

→
→
→ Cancellation of admission
→ Suspension from attending classes
→ Withholding / withdrawing scholarship / fellowship and other benefits
→ Debarring from appearing for any test / examination or other evaluation process
→ Withholding results
→ Debarring from representing the institution in any national or international meet, tournament, youth festival, etc..
→ Suspension, expulsion from hostel.
→ Rustication from the institution for periods varying from 1 to 2 academic years.
→ Expulsion from the institution and consequent debarring from admission to any other institutions.
→ Fine up to Rs. 50,000/-
→ Rigorous imprisonment up to 3 years (by court of law)

Date: Signature of Student

I am aware of the consequences that may arise from ragging. I will do my best to prevent my son / daughter / ward from indulging in ragging.

Date: Signature of Parent / Guardian

Copy to:
Principal Office

↗ **Find out more:**
www.iare.ac.in

**Institute of Aeronautical Engineering
(Autonomous)**

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