

IARE

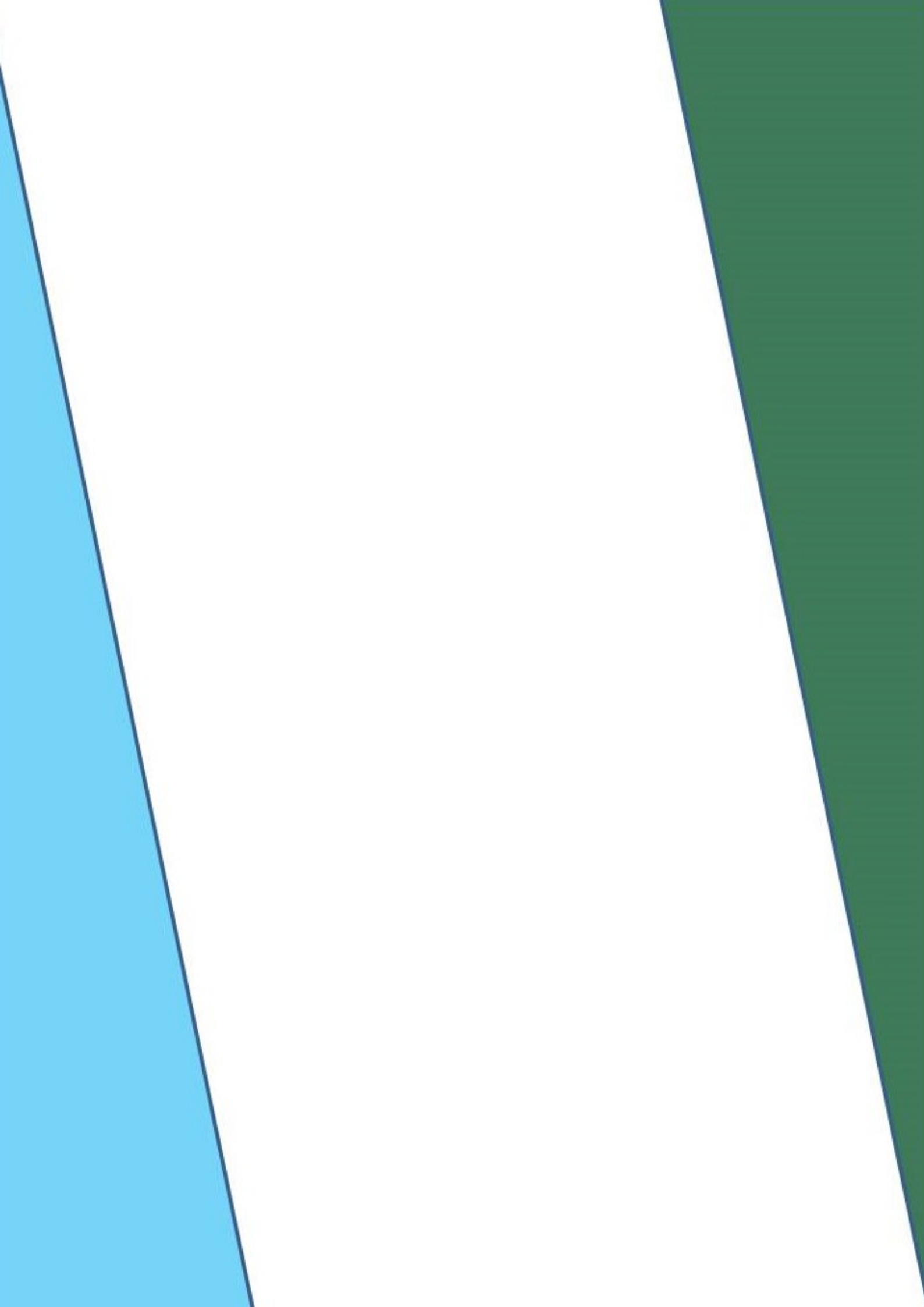
Institute of Aeronautical Engineering

**An Autonomous Institution
NAAC Accreditation with A Grade
Accredited by NBA
Permanent Affiliation to JNTUH**





ANNUAL REPORT

2018-19



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ABOUT US

HISTORY

Institute of Aeronautical Engineering (IARE), Hyderabad was established in the year 2000 and is run by Maruthi Educational Society founded by a devoted group of eminent professional and industrialists having a long and outstanding experience in educational system with a mission 'Education for Liberation'. It is the first institute to start B. Tech. program in Aeronautical Engineering in the state of Telangana and has gradually transformed itself into an integrated multi-disciplinary technological institute.

IARE is a prestigious Autonomous engineering college offering seven B. Tech. programs (CSE, IT, ECE, EEE, Aeronautical, Mechanical and Civil Engineering) and six M. Tech. programs in engineering and MBA with 21 years of rich standing in the educational sphere.

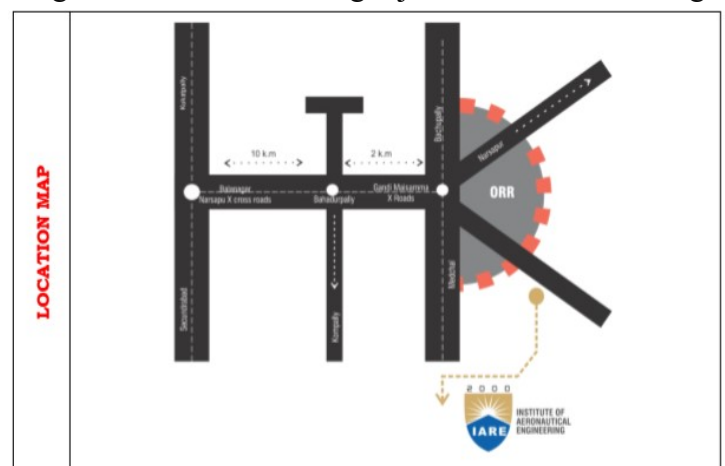
STATUS

The institute is approved by AICTE, New Delhi; recognized by Govt. of Telangana; permanently affiliated to Jawaharlal Nehru Technological University Hyderabad (JNTUH); and accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade. All the seven B. Tech programs are accredited by National Board of Accreditation (NBA), New Delhi since 2008. The institute also received UGC recognition under Sections 2(f) and 12(B) of the UGC Act.

Upon recommendations of University Grants Commission (UGC), New Delhi and the State Government, Jawaharlal Nehru Technological University Hyderabad has conferred Autonomous Status to the Institute from Academic year 2016-17, whereby the College will award Degree on behalf of Jawaharlal Nehru Technological University Hyderabad.

CAMPUS

The IARE also enjoys geographical advantage, as it is well connected by air, rail and road. The college campus is adjacent to Nehru Outer Ring Road close to Dundigal junction exit-5, making it accessible to several important centers in and around the city. The Campus is situated 20 Km away from Secunderabad Railway station, 11 Km from JNTUH University, Kukatpally, and is just a 40 minute drive from Rajiv Gandhi International Airport, in a lush green and pollution free environment.



VISION

To bring forth professionally competent and socially sensitive engineers, 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.

INSTITUTE PHILOSOPHY & PROFILE

The essence of learning lies in pursuing the truth that liberates one from the darkness of ignorance and Institute of Aeronautical Engineering firmly believes that education is for liberation. Contained therein is the notion that engineering education includes all fields of science that plays a pivotal role in the development of world-wide community contributing to the progress of civilization. This institute, adhering to the above understanding, is committed to the development of science and technology in congruence with the natural environs. It lays great emphasis on intensive research and education that blends professional skills and high moral standards with a sense of individuality and humanity. We thus promote ties with local communities and encourage transnational interactions in order to be socially accountable. This accelerates the process of transfiguring the students into complete human beings making the learning process relevant to life, instilling in them a sense of courtesy and responsibility

Institute Profile

Name of the Institution	Institute of Aeronautical Engineering
Year of Establishment	2000
Managed By	Maruthi Educational Society, Hyderabad.
Approved by	All India Council for Technical Education, New Delhi
Accreditation	NBA accreditation for seven B. tech programs NAAC Accreditation with A Grade
Autonomous Status	Autonomous status from University Grants Commission (UGC), New Delhi.
Affiliated to	Jawaharlal Nehru Technological University Hyderabad
Location	Dundigal, Hyderabad – 500043, Telangana.

GOVERNING BODY

Members of the Board and their background



Sri Marri Rajasekhar Reddy
Chairman



Sri Ch Sathi Reddy
Secretary and
Correspondent



Sri B Rajeshwar Rao
Executive Director &
Treasurer

He envisioned a technological revolution and committed himself to establish an institution, to foster technical and higher education. Since his young age he showed great flair in managing and nurturing educational institutions, for whom quality is the way of life. Under the dynamic leadership of Sri. Rajasekhar Reddy, IARE is reinforcing its position as an institution of eminence in Hyderabad and beyond.

Amid 25 years of expertise under his leadership, MTE has evolved to be one of the best machine tool building facilities in India. All the critical parts are made in-house to ensure the precise quality in products delivered. With a rare and enriching exposure to industrial research experience, Sri. Sathi Reddy prepares the IARE students to be competent in academic and engineering studies to meet the challenges in industry.

Sri Rajeshwar Rao, an outstanding entrepreneur with 25 years of journey in the field of manufacturing nonferrous castings at Sri Rama nonferrous foundry. Since the inception he is the Vice-Chairman of Kranthi Co-operative Bank Limited and the treasurer of Vidyanjali Grammar School. He is the guide and mentor of IARE with a great determination. He takes care of day-to-day activities leaving no stone unturned. He strives to provide the best of infrastructure and facilities on par to industry with specific standards which helps in overall development of the institute.

Industrialist

Sri. Ch. Jayasimha Reddy, CEO, M/s. MTE Industries, Jinnaram, Medak Dist.

Educationist

Dr. Om Vikas, Former Director, ABV – Indian Institute of Information Technology and Management, Gwalior, Madhya Pradesh

UGC Nominee

Prof. A Damodaram, Professor and Director of SIT, JNT University Hyderabad, Hyderabad

State Govt. Nominee

Prof. K Venkata Chalam, Vice Chairman -I, Telangana State Council for Higher Education, Hyderabad

J N T University Nominee

Dr. N Yadaiah, Professor, Electrical and Electronics Engineering, Jawaharlal Nehru Technological University Hyderabad, Hyderabad.

Member - Faculty

Dr. P Sridhar, Professor, Electrical and Electronics Engineering, Institute of Aeronautical Engineering, Hyderabad

Member - Faculty

Prof. V V S Haranadh Prasad, Professor, Mechanical Engineering, Institute of Aeronautical Engineering, Hyderabad

Ex - Officio

Dr. L V Narasimha Prasad, Principal, Institute of Aeronautical Engineering, Hyderabad

PRINCIPAL'S MESSAGE

Dr. L V Narasimha Prasad



With the fast-paced ever-growing markets having global outlook, the demand for well-trained multi - skilled engineers and entrepreneurs has risen. The competition in the industry has increased and so have the standards that define engineering. Institute of Aeronautical Engineering has always strived to excel in both technical and managerial arenas. Over the past 17 years, our strong alumni placed in prominent companies have done us proud.

The placements over the years have increased with many prominent companies visiting our campus. We make sure that students do not believe only in gaining text bookish knowledge but go beyond and master life skills. In a short span, we have successfully made a mark in the corporate world. Our students have always set high benchmarks, competing with students all around the globe.

In line with the institute's vision and mission, we aim at providing excellent academic ambience, student centric teaching-learning process, state-of-the-art infrastructure, highly qualified and experienced faculty, and an overall dynamic and disciplined workplace. To keep pace with the fast-emerging technologies and rapidly changing world around, we instill and nurture leadership qualities in our students.

PERSPECTIVE / STRATEGIC PLAN FOR 2017 - 2022

The Institute of Aeronautical Engineering (IARE) is a leading engineering Institution in the country, enabling students to improve their quality of life through education, research, innovation, entrepreneurship and societal engagement. According to NIRF India ranking, IARE is ranked as one among the top 200 engineering institutions in the country and one of the top ten private institutions in the state of Telangana.

To achieve our vision, we have aligned IARE strategic plans with its mission, accreditation standards, and best practices at private higher education institutions around the world.

IARE leadership team formulated the first strategic plan (2011 - 2016) during the “Growth Phase” to strengthen the infrastructure. The plan consisted of actions to establish quality programs, recruit faculty, graduate exemplary students, and obtain resources with developmental key result areas.

During the second decade, IARE leadership team developed a second strategic plan (2017 - 2022) during the “Development Phase” which focused on IARE’s vision and “Make in India” campaign, taking the lead as a higher education institution and having a greater impact on society, with its ambitious themes to become “LEADER”.

More than 40 specialized faculty, department heads, deans, students, staff and a select group of key JNT University officials took part during 2017 to develop this strategic plan. Recruiters, engineering deans at other universities, students and alumni provided further input through discussions and interviews.

We firmly believe our strategic planning, continuous improvement efforts, and our constant accreditation successes will help us achieve our vision to be the leading and best Institution, not only in the state of Telangana, but in the country.

RANKINGS & ACCOLADES

The College is ranked one among the 139 best Engineering Institutes in the Country by the National Institutional Ranking Framework (NIRF) 2019.

It is a matter of great pride to all Management, Staff, Students that the College is ranked one among the 139 best engineering colleges in the country by the National Institutional Ranking Framework (NIRF), implemented by the Ministry of Human Resources Development, Govt. of India.

The NIRF aims at ranking the educational institutions across the country based on certain parameters such as Teaching, Learning and Resources, Research and Professional Practices, Graduation Outcomes, Outreach and Inclusivity and Perceptions. The College got a total score of 33.24 out of 100, the break-up of which is given below.

Teaching Learning and Resources	-	53.43 out of 100
Research and Professional Practices	-	2.98 out of 100
Graduation Outcomes	-	53.67 out of 100
Outreach and Inclusivity	-	53.39 out of 100
Perception	-	2.41 out of 100



CAREERS360
BEST ENGINEERING COLLEGES SURVEY - 2018
IARE is ranked one among the top 12 Private Engineering Colleges in the state of Telangana with **AAA** grade

CAREERCONNECT
BEST ENGINEERING INSTITUTIONS - 2018
Placed one among top 10 Institutions in the state of Telangana with **4/5** rating.

TIMES OF INDIA
Times Engineering Institute Ranking Survey - 2018

THE WEEK
HANSA RESEARCH SURVEY OF BEST COLLEGES 2018
Top Private Engineering Colleges of India: **IARE is Placed No. 89** | Top Private Engineering Colleges Of South India: **IARE is Ranked No. 61**

INDIA TODAY
THE BEST COLLEGES OF INDIA - 2018
Top 165 Private Engineering Colleges India **IARE is Ranked No. 38**

Top 150 Engineering Institutes Rankings 2018 **IARE is Placed No. 47**
Top 100 Private Engineering Institutes Rankings 2018 **IARE is Placed No. 32**
Top 25 Private Engineering Institutes Rankings 2018 **Telangana: IARE is Placed No. 4**
Top 20 Private Engineering Institutes Rankings 2018 **South: IARE is Placed No. 15**

National Board of Accreditation for all B. Tech. branches

All the seven B. Tech programs (AE, CE, ME, ECE, EEE, CSE & IT) are accredited by National Board of Accreditation (NBA).

Special Appreciations/Awards

S.No	Name of the Activity	Name of the Award/recognition	Name of the Awarding government/ government recognized bodies
1	Voluntary contribution for the empowerment of visual challenges	IAB blind Empowerment champions 2018 Gold Zone	Indian Association for the blind, Madurai, Tamil Nadu
2	Efforts to address challenges on earth and in Space in International space app challenges	Special Appreciation	SLATTER LOCAL LEAD, NASA Space Apps
3	Donation of benches, fans, boards	Appreciation Certificate	ZPH School Bowrampet, Dundigal Hyderabad
4	Contribution to Kerala flood relief	Special Appreciation	Street Cause Hyderabad
5	Donation of benches	Special Appreciation	ZPH School Suraram Colony, Medchal Dist.
6	Donation of benches	Special Appreciation	Street cause Hyderabad
7	Organized science and fair for rural community for awareness program	Special Appreciation	TTUWRJC, Narsapur, Medak Dist, Telangana
8	Organized science and fair for rural community for awareness program	Special Appreciation	MJPTBC Residential Boys school, kowdipally, Medak Dist
9	Organized science and fair for rural community for awareness program	Appreciation	Sri Siddhartha Public School, Venkat Rao Pet, Kowdipally, Medak Dist
10	Organized science and fair for rural community for awareness program	Appreciation	ZPH school Annaram, Gummadidal Mandal Sangareddy Dist, Telangana
11	Organized science and fair for rural community for awareness program	Appreciation	MJPTBCWR School, Kowdupally, Thuniki, Medak
12	Organized science and fair for rural community for awareness program	Appreciation	MP School, Hambojipalli, Medak Dist
13	Organized science and fair for rural community for awareness program	Appreciation	Sri viveka nanda High school, Gummadidala
14	Organized awareness program on Abiding Traffic Rules Programme	Appreciation	Regional Transport Authority
15	Organized voter registration awareness and campaigning program	Appreciation	Commissioner, GHMC, Hyderabad
16	Nominated students for conduction of webcasting in Telangana State Assembly elections	Appreciation	Commissioner, GHMC, Hyderabad

MILESTONES AT A GLANCE

YEAR	Milestones
2000	The inception of Maruthi Educational Society. The emergence of Institute of Aeronautical Engineering offering B.Tech in Aeronautical Engineering
2001	Starting of B.Tech in Computer Science & Engineering and Information Technology.
2004	Starting of B.Tech in Electrical & Electronics Engineering, Electronics & Communication Engineering and Mechanical Engineering
	Increase in the intake of B.Tech in Aeronautical Engineering, and Computer Science & Engineering from 60 to 90.
	Increase in the intake of B.Tech in Computer Science & Engineering from 90 to 120
2006	Increase in the intake of B.Tech in Electronics & Communication Engineering from 60 to 90.
	Starting of PG courses in MBA/MCA
	Starting of B.Tech in Civil Engineering
	Increase in the intake of B.Tech in Aeronautical Engineering from 90 to 120
2008	The departments of Computer Science & Engineering, Information Technology and Aeronautical Engineering got accredited by the NBA, New Delhi, for the period of three years.
	Starting of PG courses in M.Tech (Aerospace Engineering and Computer Science and Engineering)
2009	Starting of PG course in M.Tech (Software Engineering)

Milestones

YEAR	Milestones
	Increase in the intake of B.Tech in Electronics and Communication Engineering from 90 to 120
2010	Increase in the intake of B.Tech in Aeronautical Engineering and Computer Science and Engineering from 90 to 120
2011	Starting of PG courses in M.Tech (CAD/CAM)
2012	Increase in the intake of B.Tech in Computer Science and Engineering and Electronics and Communication Engineering from 120 to 180
	Starting of PG course in M.Tech (Embedded Systems)
2013	Increase in the intake of B.Tech in Mechanical Engineering, and Civil Engineering from 60 to 120
	The departments of Computer Science and Engineering, Aeronautical Engineering and Information Technology got accredited again for two more years and the departments of Electrical and Electronics Engineering, Mechanical Engineering and Electronics and Communication Engineering got accredited by the NBA, New Delhi, for the period of two years
2014	Starting of PG courses in M.Tech (Power Electronics & Electrical Drives and Structural Engineering)
	JNTUH, Hyderabad granted permanent affiliation for a period of five years
	Recognition of Institute under Section 2 (f) & 12 (B) of the UGC Act, 1956
2015	Conferment of Autonomous Status by University Grants Commission, New Delhi.
	The Institute got accredited by National Assessment and Accreditation Council (NAAC) with 'A' grade
2016	Institute of Aeronautical Engineering, Hyderabad (Telangana) got recognized by the Department of Scientific and Industrial Research (DSIR) for the purposes of availing custom duty exemption for its research activities in terms of Government Notification No. 51/96-Customs dated 23 July, 1996 and Central Excise duty exemption in terms of Government Notification No. 10/97-Central Excise dated 1 March, 1997 as amended from time to time

Milestones

YEAR	Milestones
	The Institute got accredited by National Board of Accreditation for three years for all the seven branches: Aeronautical Engineering, Computer Science and Engineering, Information Technology, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering.
2017	Ranked one among top 10 Private Engineering Institutions in Telangana and one in all India Rank-band: 151-200 as per National Institutional Ranking Framework (NIRF) - 2017, Ministry of Human Resource Development (MHRD), Govt. of India.
	Increase in the intake of B. Tech in Electrical and Electronics Engineering and Information Technology from 60 to 120.
2019	The Institute has been further accredited by National Board of Accreditation for period of three years upto 30 June, 2022 for all the seven branches: Aeronautical Engineering, Computer Science & Engineering, Information Technology, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering.
	Ranked 139 in Engineering category as per National Institutional Ranking Framework (NIRF) - 2019, Ministry of Human Resource Development (MHRD), Govt. of India.

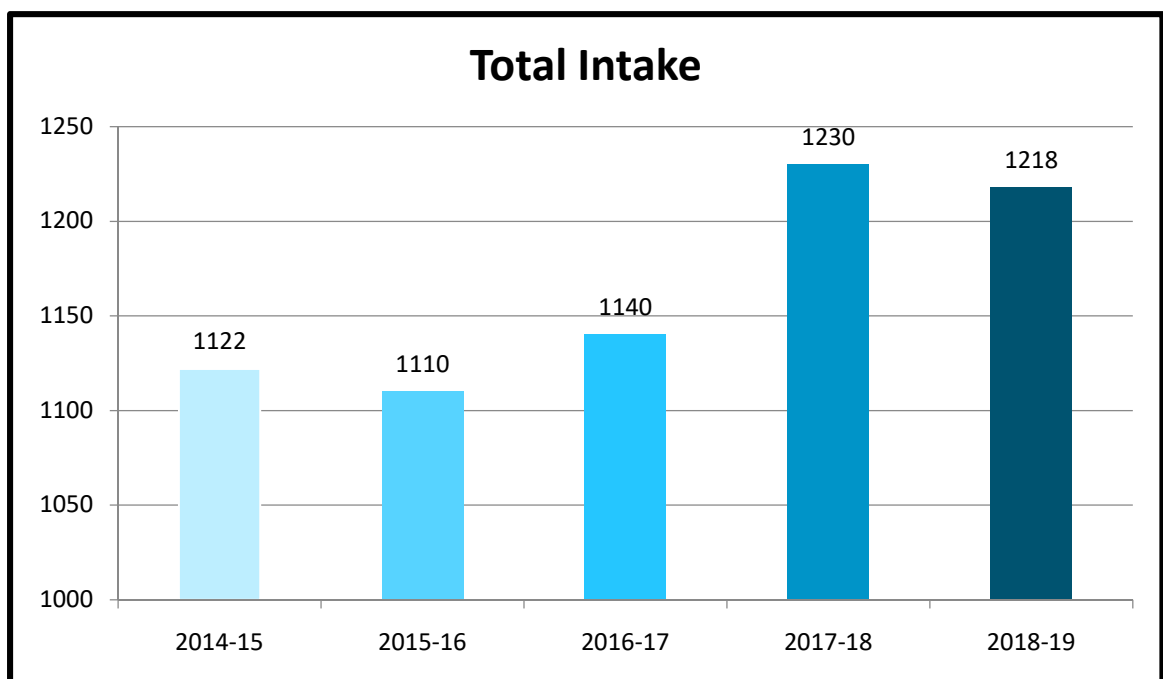
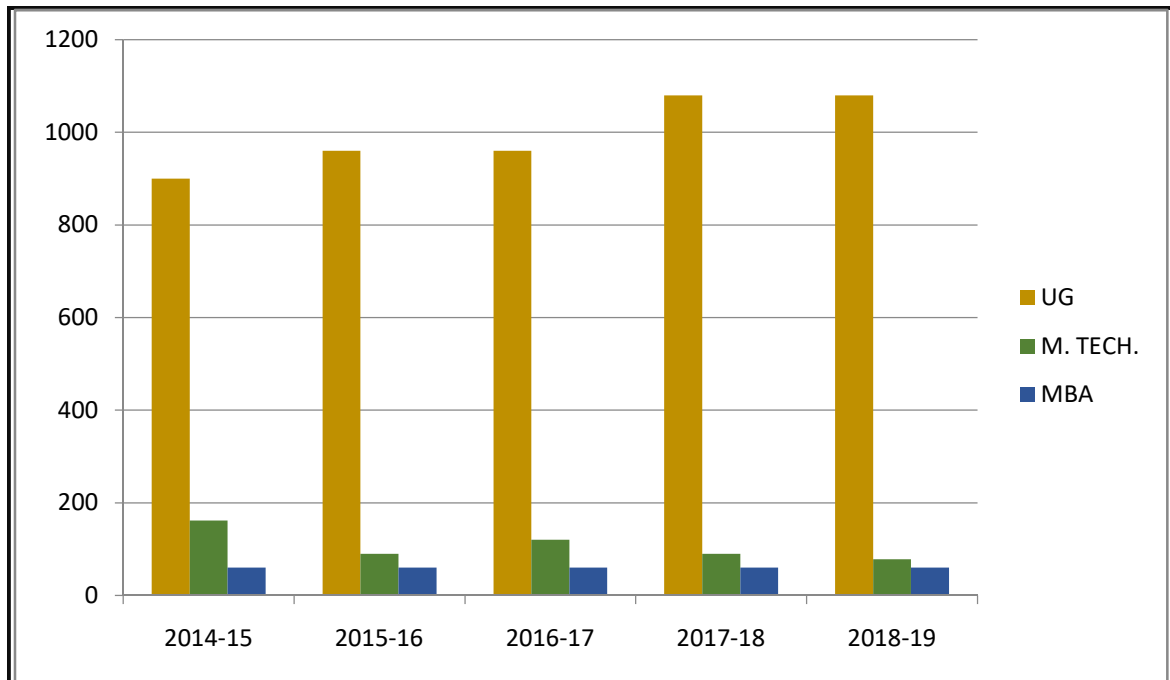
PROGRAMMES AT IARE

- Name of the Programmes approved by AICTE

S.No	Programme	Name of the Course
UNDER GRADUATE		
1	Engineering & Technology	B. Tech.-Aeronautical Engineering
2	Engineering & Technology	B. Tech.-Computer Science and Engineering
3	Engineering & Technology	B. Tech.-Information Technology
4	Engineering & Technology	B. Tech.-Electronics and Communication Engineering
5	Engineering & Technology	B. Tech.-Electrical and Electronics Engineering
6	Engineering & Technology	B. Tech.-Mechanical Engineering
7	Engineering & Technology	B. Tech.-Civil Engineering
POST GRADUATE		
1	Engineering & Technology	Computer Science & Engineering
2	Engineering & Technology	Embedded Systems
3	Engineering & Technology	Structural Engineering
4	Engineering & Technology	Aero Space Engineering
5	Engineering & Technology	Computer Aided Design and Manufacture
6	Engineering & Technology	Power Electronics and Electric Drives
7	Management	Masters in Business Administration

STUDENT ADMISSIONS

Intake 2018-19



Overall Intake last four years

UG-B.Tech- Admission (Rank - wise)

S No	Branch	General		OBC		SC		ST		Minority		PHO & PHH		CAP		NCC	
		First	Last	First	Last	First	Last	First	Last	First	Last	First	Last	First	Last	First	Last
1	AE	1730	19540	4003	44952	16532	50714	22235	63480	22859	31604	29972	41209	61800		44784	
2	CSE	2795	14374	14313	59315	32268	76851	13283	78978	43505	66496	12433	80017	44701	92269	23699	84012
3	IT	15577	18482	22522	75676	76387	93942	47303	94832	67452	75475	13896	33885	80736	-	61732	
4	ECE	11065	17952	16006	96487	50213	88288	45610	93569	69767	77943	15591	55241	10972	11538	77249	
5	EEE	18949	24669	28934	95159	70894	94221	31393	77223	-	-	27704	88410	21167	28843	29779	
6	ME	18035	64702	25939	96975	68408	87699	93805	-	-	-	22674	81594	21224	43898	87286	
7	CE	19759	28657	26203	78222	64088	95657	51086	69714	51499	81038	66799		17146	62339	67289	

PG- Admission (Rank - wise)

SNo	Name of the Programme	General		OBC		SC		ST		Minority	
		First	Last	First	Last	First	Last	First	Last	First	Last
1	CAD/CAM	425	-	486	2352	249	1196	746	1754		
2	Embedded Systems	656	-	145	1879	515	1630	1687	-		
3	Computer Science and Engineering	311	1254	433	2471	2529	-	2535	-		
4	Structural Engineering	258	469	77	799	388	1040	311	-	3320	-
5	MBA	1914	7536	982	47363	6497	4636 4	9749	3470 8	3714 3	

STUDENT STRENGTH

The Institute IARE offers 7 undergraduate Programmes and 7 Postgraduate Programmes in the academic year 2017-18. The total student strength in the campus is 4050 of which 2813 are boys and 1237 are girls. The socio-economic profile of the entire student community can be perused through the following table.

ON ROLL UG STUDENT'S DATA FOR THE AY 2018-19

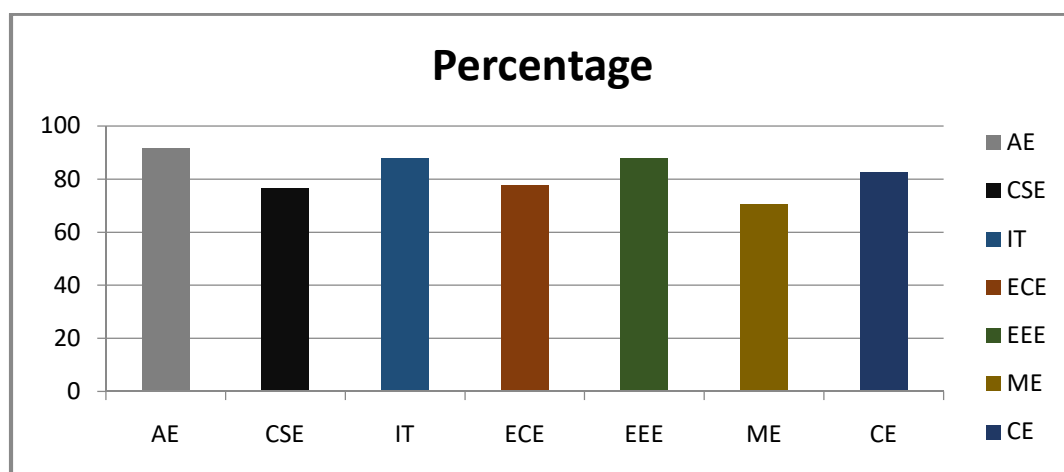
Department	Year	Gender Wise		Total	Category									
		M	F		SC		ST		OBC		Minority		General	
					M	F	M	F	M	F	M	F	M	F
AERO	I	101	37	138	16	5	7	1	39	19	3	2	36	10
	II	96	35	131	12	7	2	2	40	17	5	2	37	7
	III	92	21	113	13	3	5	0	39	10	7	2	28	6
	IV	104	42	146	18	7	5	0	41	19	8	3	32	13
CSE	I	154	106	260	14	11	3	3	69	29	3	4	66	59
	II	146	92	238	13	10	6	3	43	32	7	3	74	47
	III	146	75	221	14	8	8	1	49	30	3	4	72	32
	IV	101	61	162	14	3	4	0	32	30	4	1	47	27
IT	I	56	55	111	6	1	1	1	22	17	4	2	22	34
	II	24	29	53	6	2	0	0	8	8	2	0	8	19
	III	25	24	49	1	1	0	0	10	5	1	0	13	18
	IV	32	20	52	0	0	0	0	13	10	2	0	17	10
ECE	I	182	105	287	24	9	9	3	83	41	6	2	60	50
	II	145	89	234	15	8	8	3	71	35	0	1	51	42
	III	175	69	244	15	4	7	1	67	35	5	2	81	27
	IV	115	54	169	3	0	0	0	85	43	1	1	26	10
EEE	I	100	38	138	14	5	6	1	52	18	4	0	24	14
	II	49	15	64	3	1	1	0	32	10	2	0	11	4
	III	37	14	51	4	1	2	1	21	9	2	0	8	3
	IV	30	13	43	5	1	2	0	15	6	2	0	6	6
MECH	I	121	12	133	13	0	5	0	66	8	4	0	33	4
	II	121	13	134	14	2	8	0	52	7	5	1	42	3
	III	100	15	115	17	1	5	0	49	7	5	0	24	7
	IV	97	10	107	11	0	7	0	33	5	6	0	40	5
CIVIL	I	96	37	133	15	9	4	2	49	12	8	1	20	13
	II	98	33	131	13	6	9	1	54	14	5	0	17	12
	III	78	20	98	10	2	8	1	37	10	3	0	20	7
	IV	71	12	83	13	0	8	0	30	7	2	0	18	5
		2692	1146	3838	316	107	130	24	1201	493	109	31	933	494

ON ROLL PG STUDENT'S DATA FOR THE AY 2018-19

Department	Year	Gender Wise		Total	Category									
					SC		ST		OBC		Minority		General	
		M	F		M	F	M	F	M	F	M	F	M	F
Computer Science and Engineering	I	2	5	7	0	0	0	0	1	4	0	0	1	1
	II	4	5	9	0	0	1	0	2	1	0	0	1	4
Embedded Systems	I	3	5	8	1	1	0	0	0	2	0	0	2	2
	II	4	5	9	1	0	1	0	2	2	0	0	0	3
CAD/CAM	I	7	0	7	1	0	1	0	4	0	0	0	1	0
	II	7	3	10	1	0	0	1	2	2	1	0	2	1
Structural Engineering	I	14	6	20	1	1	0	0	6	3	1	1	6	1
	II	14	4	18	2	2	0	0	7	1	2	0	3	1
MBA	I	27	26	53	2	7	1	1	15	15	2	0	7	4
	II	25	20	45	3	3	1	0	13	10	1	1	7	6
Total		107	79	186	12	14	5	2	52	40	7	2	30	23

RESULTS

S.No	Name of the Department	Total Students Appeared			Total students passed			Total passed Percentage
		M	F	T	M	F	T	
1	AE	85	21	106	76	21	97	91.51%
2	CSE	144	75	219	100	68	168	76.71%
3	IT	25	24	49	22	21	43	87.76%
4	ECE	176	67	243	131	58	189	77.78%
5	EEE	36	14	50	32	12	44	88.00%
6	MECH	100	15	115	71	10	81	70.43%
7	CE	76	21	97	64	16	80	82.47%
Total		642	237	879	496	206	742	79.86%



ROLL OF HONOR**Aeronautical Engineering**

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	15951A2104	Ms. Doddi Aishwarya Rani	83.24	I
2	15951A2131	Ms. Anumala Hindusri Reddy	79.66	II
3	15951A2179	Ms. Arravelli Shivalika	78.63	III
4	15951A2170	Mr. Sandapeta Sai Vinay	78.00	IV
5	15951A2130	Mr. Kasturi Hemanth akhil	77.18	V

Computer Science & Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	15951A0552	Mr. A Hemanth Kumar	78.86	I
2	15951A0539	Mr. Nakireddy Dheeraj Reddy	78.04	II
3	15951A05G1	Ms. Sheetal Bhyravajosula	77.16	III
4	15951A05B8	Ms. Nimmala Ramya Teja	77.14	IV
5	15951A0501	Mr. Abhilash Challa	76.61	V

Information Technology

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	15951A1211	Ms. J Jacqueline	77.43	I
2	15951A1231	Ms. Paladugu Sahithi	75.31	II
3	15951A1250	Ms. Muramreddy UdaySri	73.50	III
4	15951A1221	Ms. Gorantla Padmavathi Shilpa	73.03	IV
5	15951A1207	Mr. Sutrave Dinesh	72.80	V

Student

Electronics & Communication Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	15951A04J3	Ms. Shweta Verma	82.42	I
2	15951A04M3	Mr. Vamsi Krishna Muthe	79.18	II
3	15951A04E8	Mr. Pusarla Sai Hitesh	78.57	III
4	15951A04J9	Ms. Nanduri Sri Vaishnavi	77.60	IV
5	15951A04M6	Ms. Inapudi Vasavi	76.74	V

Electrical & Electronics Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	15951A0240	Ms. Chebolu Sri Vidya Vaibhavi	75.31	I
2	15951A0211	Ms. Eluru Manisha	72.91	II
3	15951A0207	Ms. Gujju Divya	72.57	III
4	15951A0227	Ms. Bellamkonda Renuka	70.42	IV
5	15951A0223	Ms. Alagona Priyanka	69.94	V

Mechanical Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	15951A0339	Ms. Nitya Maha Reddy	78.50	I
2	15951A0344	Ms. A Mithali Raj Varma	74.99	II
3	15951A0311	Mr. Palle Anirudh	73.70	III
4	15951A0388	Ms. Thurpu Thanmai	73.10	IV
5	15951A0341	Mr. Batthula Mallikarjun	73.05	V

Student

Civil Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	15951A0168	Ms. Bayyapu Sreeja	77.64	I
2	15951A0112	Mr. Bharadwaj V	77.45	II
3	15951A0159	Ms. Boda Sandhya	76.99	III
4	15951A0156	Mr. Guduri Saikiran	75.92	IV
5	15951A0171	Mr. Manne Srinivas	74.76	V

Master of business Administration

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	17951E0042	Ms. Ettadi Mounika	9.63	I
2	17951E0011	Ms. Gaddam Hepsi Sushmita	9.5	II
3	17951E0007	Ms. G Bhavana	9.47	III

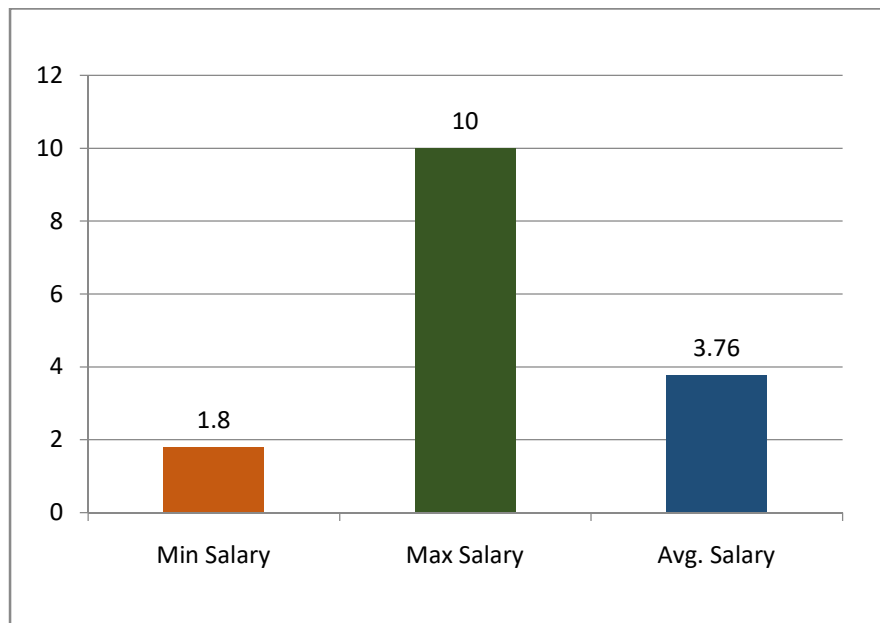
PLACEMENTS

S. No	Name of the Company	No of Students Selected	Date Visited	Salary Offered Per Annum (₹)
1	TCS - (CODEVITA/NINJA)	78	02-Sep-18	3,37,000/-
2	TCS - (DIGITAL)	2	02-Sep-18	7,00,000/-
3	CAPGEMINI	92	15-Nov-18	3,80,000/-
4	WIPRO	28	18-Dec-19	3,80,000/-
5	MPHASIS	50	18-Sep-18	2,50,000/-
6	NTT DATA	8	10-Nov-18	3,10,000/-
7	INFOSYS	2	28-Dec-18	3,80,000/-
8	ATOS SYNTEL	53	02-Feb-19	3,20,000/-
9	COGNIZANT	20	19-Jan-19	3,38,000/-
10	LG SOFT INDIA	3	15-Nov-18	5,29,000/-
11	CYIENT	6	11-Feb-19	3,20,000/-
12	VIRTUSA	3	14-Nov-18	3,20,000/-
13	OPTUM-UHG	5	18-Feb-19	6,50,000/-
14	GLOBAL EDGE	20	10-Sep-18	3,10,000/-
15	TASL	1	13-Jan-19	4,00,000/-
16	CTRLS	2	26-Sep-18	3,80,000/-
17	L & T INFOTECH	1	24-Jan-19	3,10,000/-
18	EPAM	4	15-Jun-19	6,00,000/-
19	ZENOPSYS	9	10-Jun-19	2,50,000/-
20	EFFTRONICS	10	18-Sep-18	7,00,000/-
21	TATA PROJECTS	3	05-Mar-19	6,25,000/-
22	NAPIER	1	20-Sep-18	5,80,000/-
23	SMARTDATA	1	20-Sep-18	4,46,000/-
24	CORECOMPETE	1	06-Oct-18	4,00,000/-
25	NETELIXIR	9	20-Sep-18	3,20,000/-
26	MU SIGMA	1	27-May-19	7,00,000/-
27	VALUE MOMENTUM	1	08-Sep-18	3,20,000/-
28	INFOR	5	27-Apr-19	4,00,000/-
29	IBS	3	03-Oct-18	3,20,000/-
30	WIZELY	1	20-Oct-18	4,00,000/-
31	AUTOLIV	2	23-Jan-19	4,00,000/-

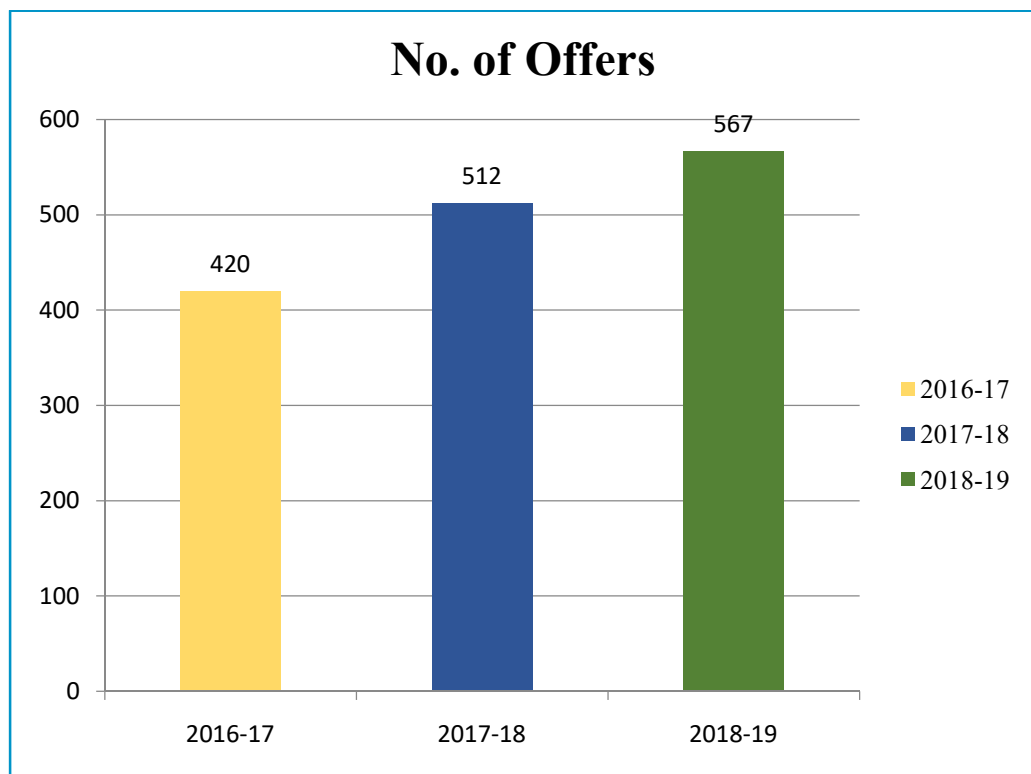
Student

S. No	Name of the Company	No of Students Selected	Date Visited	Salary Offered Per Annum (₹)
32	TECHNOVERT	1	29-Dec-19	3,80,000/-
33	DISPATCHTRACK	1	30-Oct-18	3,10,000/-
34	MONOCEPT	2	20-Feb-19	4,00,000/-
35	OORWIN	1	21-Feb-19	3,10,000/-
36	CO CUBES	20	18-Nov-18	3,80,000/-
37	ZNALYTICS	4	08-Oct-18	2,50,000/-
38	JUSTDIAL	2	25-Jan-19	2,50,000/-
39	ICONMA	2	20-Dec-18	2,50,000/-
40	ONEGENE	24	20-Mar-19	1,80,000/-
41	CLOUDACE TECHNOLOGIES	2	07-Mar-19	1,80,000/-
42	ALIENS GROUP	7	30-Oct-18	5,60,000/-
43	TA DIGITAL	4	27-Mar-19	4,46,000/-
44	GAIAN CONSULTANTS	1	06-Mar-19	4,00,000/-
45	NAVAYUGA INFOTECH PVT LTD	3	25-Mar-19	2,50,000/-
46	NEXT EDUCATION INDIA PVT LTD	2	28-Mar-19	2,50,000/-
47	BINOCT TECHNOLOGIES	2	24-Mar-19	1,80,000/-
48	SOCTRONICS	1	26-Mar-19	3,80,000/-
49	WISSEN INFOTECH	1	24-Mar-19	2,50,000/-
50	UNITED SYSTEMS	9	24-Mar-19	2,50,000/-
51	DQ ENTERTAINMENT	19	18-Apr-19	2,50,000/-
52	TVARANA	4	29-Sep-18	4,00,000/-
53	UL TECHNOLOGY SOLUTIONS	15	06-Jun-19	3,10,000/-
54	HEXAWARE	2	05-Oct-18	3,10,000/-
55	VISTEX	1	24-Oct-18	3,10,000/-
56	BELCAN	1	10-Jun-19	3,10,000/-
57	NINJACART	1	08-Mar-19	3,20,000/-
58	BYJUS	2	10-Jun-19	10,00,000/-
59	ARDEX ENDURA	1	26-Aug-19	3,00,000/-
60	BONDIT CONSTRUCTIONS	1	28-Aug-19	3,60,000/-
61	AEQUITAS ENGINEERING PVT LTD	17	26-Aug-19	3,50,000/-
62	Postal Department	1	12-Feb-20	2,40,000/-
63	HOME AUTOMOTIVES	1	12-Feb-20	3,00,000/-

SALARY STATISTICS 2017-18



Placement Statistics

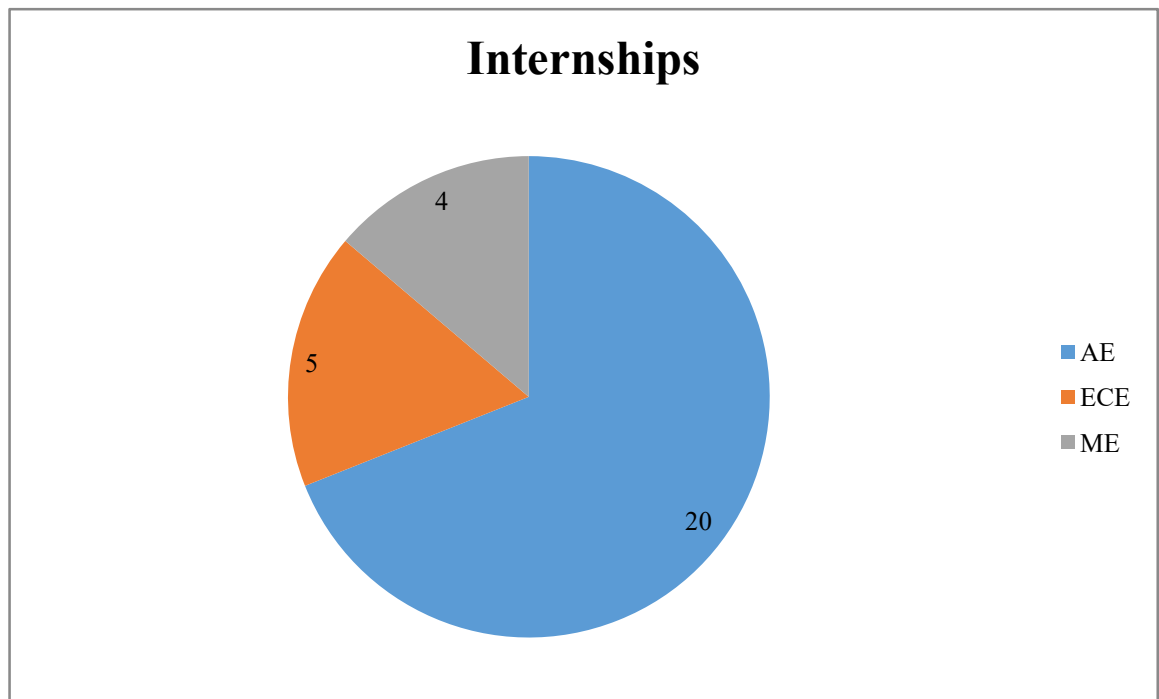


OUR RECRUITERS



INTERNSHIPS

Sno	Name of the Branch	No. Of students Placed in Internships
1	AE	20
3	ECE	5
5	ME	4



Student

Sno	Students Name	Roll No.	Dept.	Organization	From Date	To date
1	D.Gangadhar	16951A2119	AE	Air India Engineering Services Ltd	24-01-2019	07-02-2019
2	MA Nigar Fathima	16951A2141	AE	Air India Engineering Services Ltd	24-01-2019	07-02-2019
3	Sangham reddy Manoj	16951A2133	AE	Air India Engineering Services Ltd	24-01-2019	07-02-2019
4	K.Pragna Bharathi	16951A2145	AE	Air India Engineering Services Ltd	24-01-2019	07-02-2019
5	E.Priyanka	16951A2148	AE	Air India Engineering Services Ltd	24-01-2019	07-02-2019
6	T. Preethi	16951A2147	AE	Air India Engineering Services Ltd	24-01-2019	07-02-2019
7	I. Ashwitha Patil	16951A2107	AE	Air India Engineering Services Ltd	24-01-2019	07-02-2019
8	D.Gangadhar	16951A2119	AE	IIT Madras	20-05-2019	20-07-2019
9	Suvitha	16951A2107	AE	IIT Madras	20-05-2019	20-07-2019
10	D. Jeevana	16951A2127	AE	IIT Madras	20-05-2019	20-07-2019
11	P.Madhuri	16951A2131	AE	IIT Madras	20-05-2019	20-07-2019
12	V.N Santoshi	16951A2136	AE	IIT Madras	20-05-2019	20-07-2019
13	N. Navaneeth Kumar	16951A2138	AE	IIT Madras	20-05-2019	20-07-2019
14	V.N Priya	16951A2142	AE	IIT Madras	20-05-2019	20-07-2019
15	K.Pragna	16951A2145	AE	IIT Madras	20-05-2019	20-07-2019
16	T.Blessington	16951A2112	AE	IIT Madras	20-05-2019	20-07-2019
17	T.Preethi	16951A2147	AE	IIT Madras	20-05-2019	20-07-2019
18	E.Priyanka	16951A2148	AE	IIT Madras	20-05-2019	20-07-2019
19	Paridhi Joshi	16951A2150	AE	IIT Madras	20-05-2019	20-07-2019
20	V.Ranjeeth Naidu	16951A2153	AE	IIT Madras	20-05-2019	20-07-2019
21	K.Teja	17951A04N2	ECE	NSIC Technical Service Centre	24-01-2019	04-02-2019
22	M.Ramya Sree	17951A04J1	ECE	NSIC Technical Service Centre	24-01-2019	04-02-2019
23	A.Sneha	17951A04K0	ECE	NSIC Technical Service Centre	24-01-2019	04-02-2019
24	K.Sukhesh	17951A04M1	ECE	NSIC Technical Service Centre	24-01-2019	04-02-2019
25	B.Shashank Sai	17951A04J2	ECE	NSIC Technical Service Centre	24-01-2019	04-02-2019

Student

Sno	Students Name	Roll No.	Dept.	Organization	From Date	To date
26	Thanmai	15951A0388	ME	Autolive Banglore	01-02-2019	31-01-2020
27	Nitya Maha Reddy	15951A0339	ME	Autolive Banglore	01-02-2019	31-01-2020
28	VV Revanth Kasyap	17951A0368	ME	Defence Research and Development Labrotary	27-05-2019	12-06-2019
29	Deepak Rajan	17951A0319	ME	Bharath Heavy Electrical Limited	31-05-2019	14-06-2019

FACULTY IN POSITION

The total number of faculty is 287, out of which, 64 are PhD's (22.29%) ensuring healthy faculty student ratio. The research activity on campus is woven in pursuance of its vision & mission statements around the philosophy of Inspire, Innovate, and Implement to benefit the contemporary society. It unwinds itself into different fields such as environment, aerospace, PLC, CAD/CAM, CNC machining, tool design, welding, embedded systems, and low power VLSI digital system design. Emphasis is also being laid on manufacturing, automation, business analytics, big data, cloud computing, wireless technology, image processing, and next generation networks.

FACULTY CADRE WISE

DEPARTMENT NAME	Faculty Available			
	Asst.	Asso.	Prof	Total
Aeronautical Engineering	22	1	2	25
Computer Science and Engineering	36	10	8	54
Information Technology	10	7	1	18
Electronics and Communication Engineering	29	8	13	50
Electrical and Electronics Engineering	18	3	5	26
Mechanical Engineering	16	4	7	27
Civil Engineering	24	1	3	28
MBA	11	4	1	15
FRESHMAN	25	11	7	43
Total	191	49	47	287

NEW APPOINTMENTS

DEPARTMENT NAME	Asst.	Assoc.	Prof	Total
Aeronautical Engineering	0	0	0	0
Computer Science and Engineering	2	1	1	4
Information Technology	0	1	0	1
Electronics and Communication Engineering	5	0	0	5
Electrical and Electronics Engineering	3	1	0	4
Mechanical Engineering	1	0	0	1
Civil Engineering	3	0	0	3
MBA	5	1	0	6
FRESHMAN	4	0	2	6
Total	23	4	3	30

New Appointments

Name of the Faculty	Dept.	Name of the Faculty	Dept.
Mr. S Varada rajan	CE	Mr. A Srikanth	EEE
Ms. Cici Jennifer Raj J	CE	Dr. M Harikrishna	EEE
Ms. B Bhavani	CE	Ms. V Prasanna	ME
Dr. Chukka Santhaiah	CSE	Dr. VNSR Venkateswar Rao	FRESHMAN
Ms. B Anupama	CSE	Mr. T. Srikanth	FRESHMAN
Ms. Gopu Srilekha	CSE	Dr. B. Manikya Pratima	FRESHMAN
Dr. P Govardhan	CSE	Dr. P Narsimha Raju	FRESHMAN
Dr. M Purushotham Reddy	IT	Ms. Neha Garg	FRESHMAN
Mr. M Muralikrishna	ECE	Mr. P Sunil Solomon	FRESHMAN
Ms. K S Indrani	ECE	Dr. Vara Lakshmi Thavva	MBA
Mr. Chiranjeevi Thokala	ECE	Mr. P Nagesh	MBA
Ms. P Annapurna	ECE	Mr. K Hari Krishna	MBA
Mr. A Karthik	ECE	Ms. Tulasi Bai Banthulu	MBA
Mrs. M Laxmi Devi	EEE	Ms. Josephmary Gade	MBA
Mrs.T Saritha Kumari	EEE	Ms. E Sunitha	MBA

EVENTS

For Students

SNO	Name of the initiative program	Type of the program	From	To
1	Entrepreneurship Awareness Camp sponsored by DST-NIMAT	Entrepreneurship Awareness Camp	26-07-2018	28-07-2018
2	Entrepreneurship Awareness Camp sponsored by DST-NIMAT	Entrepreneurship Awareness Camp	23-08-2018	25-08-2018
3	Entrepreneurship Awareness Camp sponsored by DST-NIMAT	Entrepreneurship Awareness Camp	06-09-2018	08-09-2018
4	Entrepreneurship Awareness Camp sponsored by DST-NIMAT	Entrepreneurship Awareness Camp	27-09-2018	29-09-2018
5	Two weeks workshop on RIVIT	Workshop	24-10-2018	06-11-2018
6	Entrepreneurship Awareness Camp sponsored by DST-NIMAT	Entrepreneurship Awareness Camp	25-10-2018	27-10-2018
7	Entrepreneurship Awareness Camp sponsored by DST-NIMAT	Entrepreneurship Awareness Camp	06-11-2018	08-11-2018
8	Two day Entrepreneurship Awareness Programme for III year B.Tech students of Mechanical and Aeronautical Engineering at Central Institute of Tool Design, MSME, Balanagar, Hyderabad	Entrepreneurship Awareness Camp	17-12-2018	18-12-2018
9	One day workshop on Computer Aided Manufacturing using FUSION 360	Workshop	05-01-2019	05-01-2019
10	Seminar on outcome based Education	Seminar	01-04-2019	01-04-2019
11	A Guest lecture on Global trends in sustainable design and construction of long span bridges	Guest Lecture	17-04-2019	17-04-2019

BUILD IT WEEKLY CONTESTS

S. No	Contest	Date	No. of students Participated	Winners	Cash Award (₹)
1	BuildIT Contest-49	21-Jul-2018	329	14	7,000.00
2	BuildIT Contest-50	08-Nov-2018	512	18	9,000.00
3	BuildIT Contest-51	18-Aug-2018	492	20	10,000.00
4	BuildIT Contest-52	25-Aug-2018	407	15	7,500.00
5	BuildIT Contest-53	15-Sep-2018	298	16	8,000.00

Events

S. No	Contest	Date	No. of students Participated	Winners	Cash Award (₹)
6	BuildIT Contest-54	22-Sep-2018	526	17	8,500.00
7	BuildIT Contest-55	29-Sep-2018	370	16	8,000.00
8	BuildIT Contest-56	10-Mar-2018	491	20	10,000.00
9	BuildIT Contest-57	22-Dec-2018	330	9	4,500.00
10	BuildIT Contest-58	01-May-2019	330	12	6,000.00
11	BuildIT Contest-59	19-Jan-2019	425	18	9,000.00
12	BuildIT Contest-60	02-Sep-2019	435	14	7,000.00
13	BuildIT Contest-61	16-Feb-2019	457	16	8,000.00
14	BuildIT Contest-62	03-Feb-2019	320	18	9,000.00
15	BuildIT Contest-63	03-Sep-2019	427	14	7,000.00
16	BuildIT Contest-64	30-Mar-2019	417	20	10,000.00
17	BuildIT Contest-65	04-Jun-2019	471	20	10,000.00

WORKSHOPS

S. No	Contest	Date		No. of students Participated
		From	To	
1	Life Skills	17-09-2018	28-09-2018	107
2	Assertiveness For One'S Emotional And Personal Growth	04-03-2019	15-03-2019	97

For Faculty

SNO	Name of the initiative program	Type of the program	From	To
1	Faculty Development program	FDP	11-12-2017	16-12-2017
2	Faculty Development program	FDP	27-04-2018	03-05-2018

RESEARCH & DEVELOPMENT

OVERVIEW

Research and Development (R&D) plays a critical role in the process of innovation. It is primarily an investment and effort in technology and future capabilities which is transformed into new products, processes, and services.

IARE Research Centre put in motion proactive applied research to help solve the technical and scientific problems of the industries and defense organizations. It focuses on research areas related to educational research and develop tools and techniques to address the needs of a university, faculty members and prospective students.

IARE is devoted to enhancing knowledge through research across all academic disciplines. Focus areas include Nanotechnology, Environment, Aerospace and Dynamics, CAD/CAM, CNC Machining, Embedded Systems and Low Power VLSI Digital System Design. Emphasis is also being laid on Business Analytics, Big Data, Cloud Computing, Wireless technology and Multimedia for video, text processing and Next Generation Networks.

Govt. Funded Research Projects

S. No	Principal Investigator	Title	Funding Agency	Fund sanctioned in Lakhs	Sanction Date
1	Dr M. Madhu Bala	Tech Mining: Anticipating Innovation Pathways through Bibliometric Analysis for Sustainable Smart Cities.	DST	₹ 25.64	19-11-2018
2	Dr. CH. V K N S N Moorthy	India's Role on Carbon Nanotubes in Global Research Output: A Technical Forecast Using Bibliometric and Scientometric Analyses	DST	₹ 26.91	19-11-2018
Total fund received in the Academic Year 2018-19				₹ 52.55	

Government Funded Schemes (Conferences/Symposiums/Seminars etc.,)

S.No	Principal Investigator	Title	Funding Agency	Cost (₹ In Lakhs)	Sanction Date
1	Dr V. Chandra Jagan Mohan	PRERANA	AICTE	₹ 04.10	06-05-2019
2	Mr A. Srikanth	Real-Time Application of Different Sensor Projects for Home Appliances	DST	₹ 20.00	31-03-2019
3	Mrs B. Dhanalakshmi	Cognitive Computing and Artificial Intelligence in the Age of Data and Analytics	DST	₹ 09.00	31-03-2019
4	Dr.Muralidhar Nayak Bhukya	Sustainable Composite Materials for Emerging Solar Energy Technologies	DST	₹ 09.00	30-03-2019
5	Mr P. Ravinder	Technology Awareness and Education Activities Program on Sensor-Network and IoT	DST	₹ 20.00	28-03-2019
6	Dr K. G K Murti	Modernization and Removal of Obsolescence Scheme (MODROBS)	AICTE	₹ 12.50	26-03-2019
7	Dr P. Munaswamy	Modernization and Removal of Obsolescence Scheme (MODROBS)	AICTE	₹ 12.50	04-01-2019

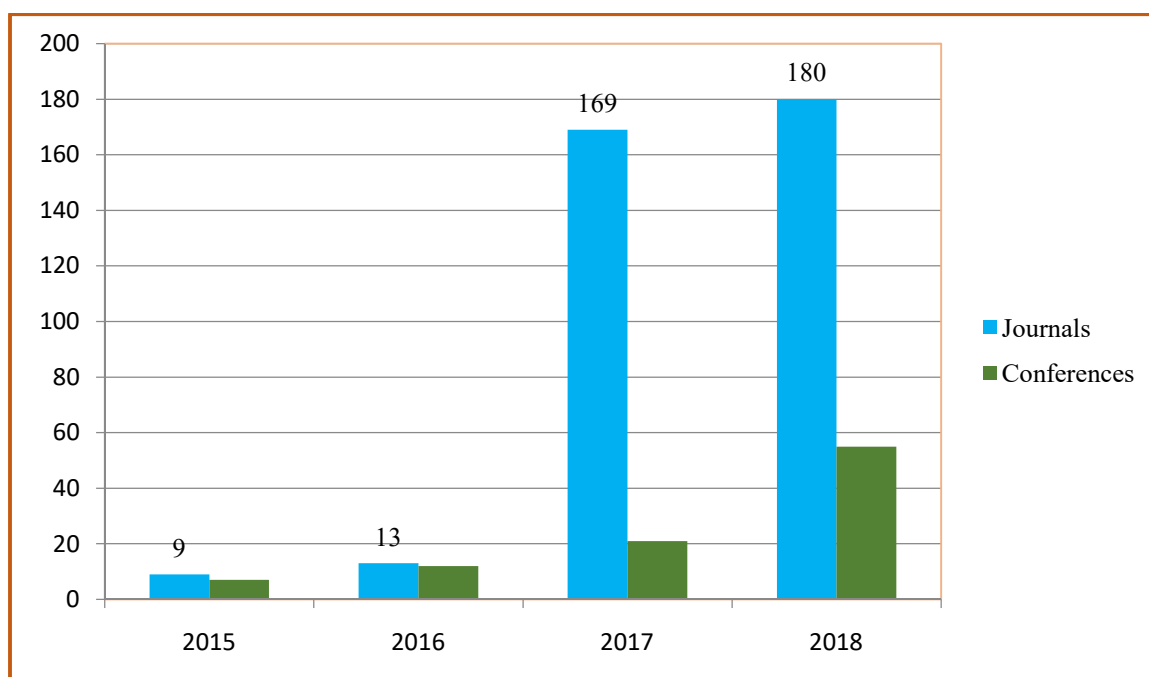
Research & Development

8	Dr L. V Narasimha Prasad	Support to students for participating in competition (Aeronautical Engineering)	AICTE	₹ 10.00	03-01-2019
9	Dr L. V Narasimha Prasad	Fund for Improvement of Science and Technology Infrastructure (FIST)	DST	₹ 45.00	06-09-2018
10	Dr K. Vijay Sekhar Reddy	Science Fair for Rural Community.	DST	₹ 07.79	13-08-2018
Total fund received in the Academic Year 2018-19				₹ 149.89	

Govt. funded innovation, Incubation and Entrepreneurship

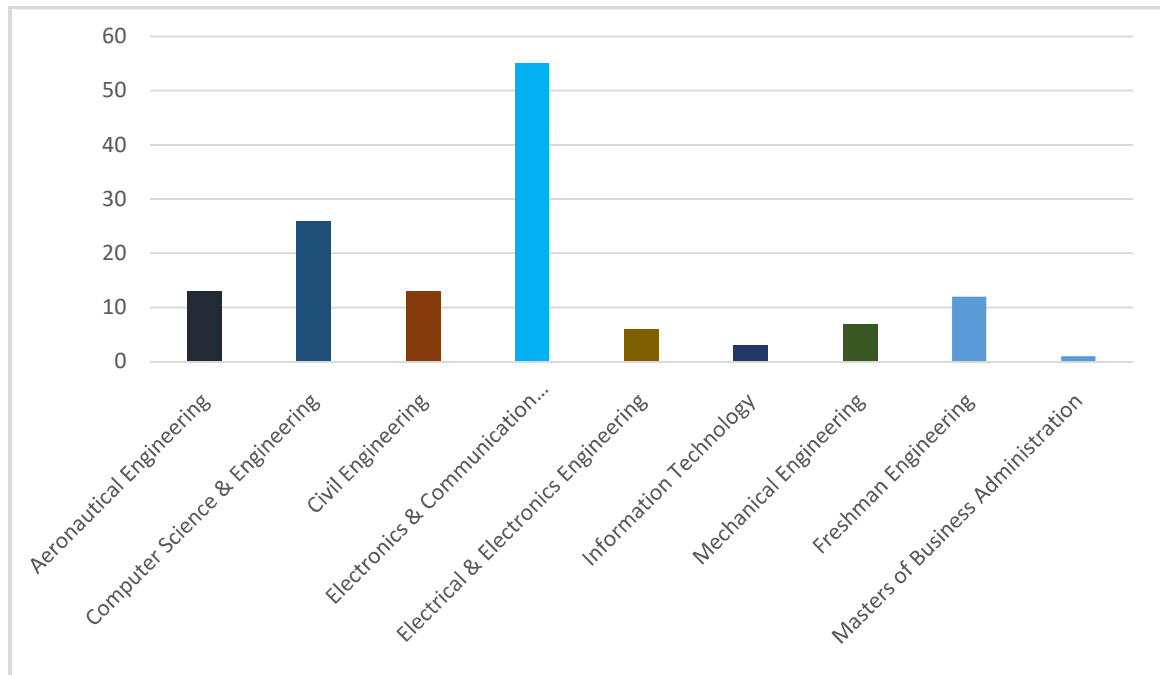
S.No	Principal Investigator	Title	Funding Agency	Cost (₹ In Lakhs)	Sanction Date
1	Dr. J. Sirisha Devi	Entrepreneurship awareness Program (EAC)	DST	₹ 00.40	22-11-2018
2	Dr. J. Sirisha Devi	Entrepreneurship awareness Program (EAC)	DST	₹ 1.00	06-07-2018
3	Dr. J. Sirisha Devi	Faculty Development Programme (FDP) on Entrepreneurship	DST	₹ 02.50	06-07-2018
Total fund received in the Academic Year 2018-19				₹ 3.69	

YEAR-WISE PUBLICATIONS



FACULTY PUBLICATIONS IN JOURNALS

S.No	Department	Publications
1	Aeronautical Engineering	13
2	Computer Science & Engineering	26
3	Civil Engineering	13
4	Electronics & Communication Engineering	55
5	Electrical & Electronics Engineering	6
6	Information Technology	3
7	Mechanical Engineering	7
8	Freshman Engineering	12
9	Masters of Business Administration	1
Total		136



S. No	Authors	Title	Source title	Link
AERONAUTICAL ENGINEERING				
1	Uppu, S.P., Manisha, D., Devi, G.D., Chengalwa, P., Devi, B.V.	Aerodynamic analysis of a dragonfly	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	https://www.akademiabaru.com/submit/index.php/arfmts/article/view/3540
2	Maruthupandiyan, K., Rathakrishnan, E.	Shifted Triangular Tabs for Supersonic Jet Control	Journal of Aerospace Engineering	https://ascelibrary.org/doi/full/10.1061/%28ASCE%29AS.1943-5525.0000893
3	Suresh Kumar, R., Shiva Prasad, U., Satyasandeep, C.H., Ganesh, M.	Experimental aerodynamic analysis of delta wing using six component balance	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1531288509-48.IJMPERDAUG201848.pdf
4	Swathi, G., Snigdha, M., Sravanthi, G., Alekya, B.	Cold flow analysis of flow over a ramjet engine	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1529666768-2.IJMPERDAUG20182.pdf
5	Bara, A.I., Kodavanla, B., Niloufer, Ruth, E., Satyanarayana Gupta, M.	Natural frequency estimation for unsymmetric cross section of a typical cylindrical shell	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1529927769-6.IJMPERDAUG20186.pdf

S. No	Authors	Title	Source title	Link
6	Kodavanla, B., Barai, A., Jaya, E., Gouthami, K., Madhavi, N.	Fabrication of a unmanned air vehicle wing for better endurance	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1529757501-4.IJMPERDAUG20184.pdf
7	Hanuma, P., Snigdha, M., Swathi, G., Alekya, B.	Multi-dimensional flow analysis of goldberg falcon remote controlled aircraft wing	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1529666424-1.IJMPERDAUG20181.pdf
8	Marythraza, M., Anitha, D., Dash, P.K., Ravi Kumar, P.	Vibration analysis of honeycomb sandwich panel in spacecraft structure	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1528283151-90.IJMPERDJUN201890.pdf
9	Devaraj, S., Ravi Kumar, P., Anitha, D., Dash, P.K.	Wing structural analysis using different fiber reinforced composites and hybrid composites	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1524636623-11.IJMPERDJUN201811.pdf
10	Naresh, E., Ravi Kumar, P., Govardhan, D., Rao, B.S.S., Dash, P.K.	Experimental investigation on friction stir and spot welding of AA 6061 and its TMS strength measurements	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1522061167-137.IJMPERDAPR2018137.pdf
11	Madura, V.K., Kodavanla, B., Srinivasa Rao, P., Madhavi, V.	Design and experimental study of semi active system of mr damper for vibration control	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1537433114-46.IJMPERDOCT201846.pdf
12	Sudhir Sastry, Y.B., Kiros, B.G., Hailu, F., Budarapu, P.R.	Impact analysis of compressor rotor blades of an aircraft engine	Frontiers of Structural and Civil Engineering	https://link.springer.com/article/10.1007/s11709-018-0493-3
13	Dwivedi, Y.D., Bhargava, V., Rao, P.M.V., Jagadeesh, D.	Aerodynamic performance of micro aerial wing structures at low reynolds number	INCAS Bulletin	https://bulletin.incas.ro/files/dwivedi_bhargava_rao_jagadeesh_vol_11_iss_1.pdf
COMPUTER SCIENCE & ENGINEERING				
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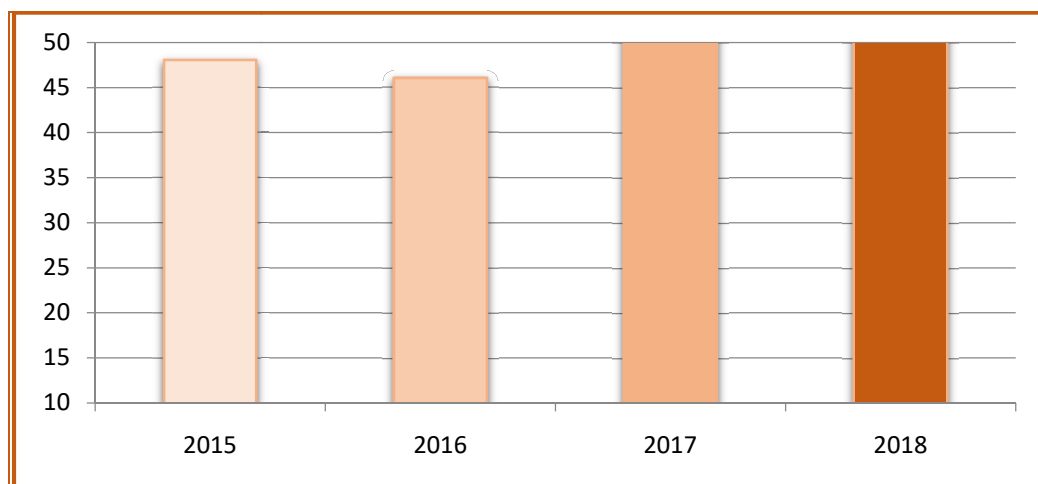
S. No	Authors	Title	Source title	Link
6	Rao, V.R., Devi, L.L., Jayasankar, C.K., Pecharapa, W., Kaewkhao, J., Depuru, S.R.	Luminescence and energy transfer studies of Ce ³⁺ /Dy ³⁺ doped fluorophosphate glasses	Journal of Luminescence	https://www.sciencedirect.com/science/article/abs/pii/S0022231318313723?via%3Dihub
MECHANICAL ENGINEERING				
1	Kumar, A.K., Srinivas, V., Murthy, C.V.K.N.S.N.	Modelling and performance analysis of aero piston engine	Journal of Advanced Research in Dynamical and Control Systems	https://www.jardcs.org/backissues/abstract.php?archiveid=5239
2	Kiran Kumar, B., Musalaiah, G., Saichandu, P.V.N.	Study of relative roughness pitch and height on heat transfer coefficient of solar air heater with artificial roughness	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1537433114-46.IJMPERDOCT201846.pdf
3	Labesh Kumar, C., Vanaja, T., Mahender Reddy, M.	Optimization of parametres for weldability strength “ An experimental design approach	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1535970857-27IJMPERDOCT201827.pdf
4	Moorthy, C.V.K.N.S.N., Srinivas, V.	Discretization analysis of a composite GFRP cylinder	International Journal of Engineering and Technology(UAE)	https://www.sciencepubco.com/index.php/ijet/article/view/20088
5	Moorthy, C.H.V.K.N.S.N., Srinivas, V.	Stress analysis of domestic composite LPG cylinder using Classical Lamination Theory (CLT)	International Journal of Engineering and Technology(UAE)	https://www.sciencepubco.com/index.php/ijet/article/view/20013
6	Moorthy, Ch.V.K.N.S.N., Prashanth Reddy, M., Babu, V.J., Kumar, A.K., Srinivas, V., Ramaswamy, K.	Analysis of composite single lapjoint under tensile load at varying design conditions	International Journal of Mechanical Engineering and Technology	https://iaeme.com/Home/article_id/IJMET_10_02_105
7	Goutham, S., Jayarambabu, N., Sandeep, C., Sadasivuni, K.K., Kumar, D.S., Rao, K.V.	Resistive room temperature LPG sensor based on a graphene/CdO nanocomposite	Microchimica Acta	https://link.springer.com/article/10.1007%2Fs00604-018-3170-2
INFORMATION TECHNOLOGY				

S. No	Authors	Title	Source title	Link
1	Ramakrishnaiah, N., Santhaiah, C., Rao, B.V.	An efficient robotic process automation platform designed for the modern enterprise home using GSM and CDMA	Indian Journal of Public Health Research and Development	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062986813&doi=10.5958%2f0976-5506.2018.02091.0&partnerID=40&md5=78a150e000f6207a1b6479a80a060492
2	Purushotham Reddy, M., Srinivasa Reddy, K., Lakshmi, L., Mallikarjuna Reddy, A.	Effective technique based on intensity huge saturation and standard variation for image fusion of satellite images	International Journal of Engineering and Advanced Technology	https://www.ijeat.org/wp-content/uploads/papers/v8i5/E6898068519.pdf
3	Srinivasa Reddy, K., Suneela, B., Inthiyaz, S., Hasane Ahammad, S., Kumar, G.N.S., Mallikarjuna Reddy, A.	Texture filtration module under stabilization via random forest optimization methodology	International Journal of Advanced Trends in Computer Science and Engineering	http://www.warse.org/IJATCSE/static/pdf/file/ijatcse20832019.pdf
FRESHMAN ENGINEERING				
1	Rizwana, Mahboob, S., Sarah, P.	Simulation of dielectric and impedance data using modified Lorentz equation in accordance with experimental data on Ca _{0.1} Sr _{0.9} LaxBi _{2-x} Ta ₂ O ₉ ceramics	Ferroelectrics	https://www.tandfonline.com/doi/abs/10.1080/00150193.2018.1528956?journalCode=gfer20
2	Atchudan, R., Edison, T.N.J.I., Perumal, S., Shanmugam, M., Lee, Y.R.	Facile one-pot synthesis of novel structured IONP@C-HIOP composite as superior electro catalyst for hydrogen evolution reaction and aqueous waste investigation of bio-imaging applications	Journal of Molecular Liquids	https://www.sciencedirect.com/science/article/abs/pii/S0167732218323778?via%3Dihub
3	Jalaiah, K., Babu, K.V., Babu, K.R., Kumar, V.V., Krishnaiah, R.V.	Co-dopant affect on the structural, electrical and magnetic properties of zirconium and copper co-substituted Ni _{0.75} Zn _{0.25} Fe ₂ O ₄ spinel ferrites synthesized by sol-gel method	Chinese Journal of Physics	https://www.sciencedirect.com/science/article/abs/pii/S0577907318307354?via%3Dihub

S. No	Authors	Title	Source title	Link
4	Jagadha, S., Kalyani, K., Kishan, N.	Boundary layer flow of a nanofluid near the stagnation point on a stretching surface with variable thickness and thermal radiation	International Journal of Mechanical Engineering and Technology	https://iaeme.com/Home/article_id/IJMET_09_08_052
5	Shankar Goud, B., Srilatha, P., Raja Shekar, M.N.	Study of Hall current and radiation effects on MHD free convective flow past an inclined parabolic accelerated plate with variable temperature in a porous medium	International Journal of Mechanical Engineering and Technology	https://iaeme.com/Home/article_id/IJMET_09_07_137
6	Ravikumar, S., Suresh Goud, J., Sivaiah, R.	Hall and convective boundary conditions effects on peristaltic flow of a couple stress fluid with porous medium through a tapered channel under influence of chemical reaction	International Journal of Mechanical Engineering and Technology	https://iaeme.com/Home/article_id/IJMET_09_07_074
7	Anitha Rani, V.	Environmentally friendly, one-pot syntheses of 2-(1H-benzo[d]imidazole-2-yl)-n-arylbenzamides	European Chemical Bulletin	https://www.scopus.com/record/display.uri?eid=2-s2.0-85061390204&doi=10.17628%2fecb.2018.7.168-171&origin=inward&txGid=417ff7120dc39e69b69dfcca88e3ab3e
8	Kalyani, K., Jagadha, S., Kishan, N.	Non-darcy natural convection MHD flow for nanofluid over a stretching sheet with thermal radiation	Journal of Nanofluids	https://www.ingentaconnect.com/content/asp/jon/2019/00000008/00000006/art00011;jsessionid=11xs4xtigiqwt.x-ic-live-02#
9	Mahboob, S., Rizwana, Prasad, G., Kumar, G.S.	Simulation of dielectric and resonance and anti-resonance data using modified lorentz equation (T and ϵ'' simultaneously) of relaxor ferroelectric and piezoelectric ceramics	Bulletin of Materials Science	https://link.springer.com/content/pdf/10.1007/s12034-019-1750-3.pdf
10	Mahboob, S., Rizwana, Prasad, G., Kumar, G.S.	Enhanced dielectric and piezoelectric properties in microwave sintered (Ba _{0.997} Nd _{0.003})TiO ₃ ceramic when compared to conventional sintered ceramics	Bulletin of Materials Science	https://link.springer.com/article/10.1007/s12034-018-1727-7
11	Korpi, A.G., ÅÇŻlu, Åž., Bramowicz, M., Arman, A., Kulesza, SÅ.,, Pszczolkowski, B., JureÅ ka, S.,	Minkowski functional characterization and fractal analysis of surfaces of titanium nitride films	Materials Research Express	https://iopscience.iop.org/article/10.1088/2053-1591/ab26be

S. No	Authors	Title	Source title	Link
	Mardani, M., Luna, C., Balashabadi, P., Rezaee, S., Gopikishan, S.			
12	Yelsani, V., Pothukanuri, N., Sontu, U.B., Yaragani, V., Musku Venkata, R.R.	Effect of annealing temperature on structural, morphological, optical and electrical properties of spray deposited V 2 O 5 thin films	Medziagotyra	https://matsc.ktu.lt/index.php/MatSc/article/view/18492
MASTER OF BUSINESS ADMINISTRATION				
1	Lakshmi, S., Azara	Perseverance to the quandaries of sustainable development	International Journal of Engineering and Technology(UAE)	https://www.sciencepubco.com/index.php/ijet/article/view/17872

CITATIONS



Books/Book Chapters Published

1. Sunny dayal, V., Sirisha Devi, J., Nandyala, S.P., 2019, Hybrid Method for Speech Enhancement Using $\hat{\pm}$ -Divergence, Lecture Notes in Networks and Systems, 74: 419-426; 10.1007/978-981-13-7082-3_48.
2. Obul Kondareddy, R., Abraham David, B., 2019, Improved Normalization Approach for Iris Image Classification Using SVM, Lecture Notes in Networks and Systems, 33: 71-79; 10.1007/978-981-10-8204-7_7.
3. Devi, J.S., Nandyala, S.P., Reddy, P.V.B., 2019, A novel approach for sentiment analysis of public posts, Lecture Notes in Networks and Systems, 32: 161-167; 10.1007/978-981-10-8201-6_18.
4. Vijay, V., Siva Nagaraju, V., Sai Greeshma, M., Revanth Reddy, B., Suresh Kumar, U., Surekha, C., 2019, A simple and enhanced low-light image enhancement process using effective illumination mapping approach, Lecture Notes in Computational Vision and Biomechanics, 30: 975-984; 10.1007/978-3-030-00665-5_94.
5. Ramana, G.V., Suresh Kumar, R., Balakrishna, P., 2019, Restoration of Ecological Balance Through Regression Analysis in Kothapally Agricultural Fields, Springer Series in Geomechanics and Geoengineering: 817-830; 10.1007/978-3-319-77276-9_74.
6. Suresh Goud, J., Murthy, P.R.B., Reddy, C.A., Madhusudhan Reddy, K., 2018, Common fixed point theorems in 2-metric spaces using composition of mappings via A-contractions, Trends in Mathematics: 103-110; 10.1007/978-3-030-01120-8_13
7. Murali Krishna, N., Sirisha Devi, J., Vijaya Bhaskar Reddy, P., Nandyala, S.P., 2018, Emotion recognition using Skew Gaussian Mixture model for brain-computer interaction, Advances in Intelligent Systems and Computing, 758: 297-305; 10.1007/978-981-13-0514-6_30.

INTELLECTUAL PROPERTY RIGHTS

UTILITY PATENTS					
S. No.	Title	Application No.	Current Status	Published/Granted Date	Publication/Granted number
1	Apparatus to detect physical properties, and physical characteristics of a cloth	201841033886	Published	21-09-2018	38/2018
2	System and method for generating efficient energy to propel a vehicle	201941024539	Published	28-06-2019	26/2019
3	Streetlight system and method for generating efficient energy using renewable energy sources	201941024532	Published	28-06-2019	26/2019
4	BCS-device: device to display the breast cancer status (bioinformatics breast cancer detection)	201941018716	Published	07-06-2019	23/2019
5	Im-mouse: intelligent memory mouse	201941016573	Published	03-05-2019	18/2019
6	IoT-cvs-road: in iot technology control vehicle speed on road	201921009939	Published	29-03-2019	13/2019
7	IoT-aaic-window: using iot application artificial intelligent car windows	201921009938	Published	29-03-2019	13/2019
8	System and method for monitoring and providing electric power to power unit	201841031627	Published	31-08-2018	35/2018
9	Device to regulate flow of fluid and method employed thereof	201841031241	Published	31-08-2018	35/2018
10	operating and control system for a trike vehicle	201841031240	Published	31-08-2018	35/2018
11	system and method for generating electric power to an electric vehicle	201841031239	Published	31-08-2018	35/2018
12	I-lift: intelligent lift	201921016572	Published	17-05-2019	20/2019

DESIGN PATENTS					
S. No.	Title	Application No.	Current Status	Published/Granted Date	Publication/Granted number
1	Base for CNC Machine	299812	Granted	Jan-19	04-01-2019
2	CNC Machine Fixture	299813	Granted	40/2018	05-10-2018
3	Train Toilet Commode	299903	Granted	26/2019	28-06-2019
4	Train Toilet Commode	299904	Granted	23/2019	07-06-2019
5	Train Sewerage Segregating Tank	299906	Granted	51/2018	21-12-2018
6	Chassis for Automobiles	300077	Granted	Mar-19	18-01-2019
7	Spindle Assembly for Automobiles	300078	Granted	43/2018	26-10-2018
8	Card For Playing Game	313990-001	Granted	Mar-19	18-01-2019
9	Card For Playing Game	313998-001	Granted	Mar-19	18-01-2019

COPY RIGHTS					
S. No.	Title	Dairy No.	RoC Number	Date of RoC	Category
1	Learning Analytics on Cloud Based Employability Skill Test Series: Data on Proficiency Tests Performance of Undergraduate Engineering Students	8631/2018-CO/L	L-76920/2018	27-07-2018	Institutional ownership with Faculty Authorship
2	Comprehensive Study on Smart Grids	9458/2018-CO/L	L-77218/2018	10-08-2018	Institutional ownership with Faculty Authorship
3	Automated Examination Seating Arrangement	9618/2018-CO/L	L-77290/2018	14-08-2018	Institutional ownership with Faculty Authorship
4	Linear Algebra and Calculus for Engineers	12838/2018-CO/L	L-78563/2018	26-10-2018	Faculty Authorship
5	English Language and Communication Skills for Engineers	13260/2018-CO/L	L-78726/2018	01-11-2018	Faculty Authorship
6	Workshop / Manufacturing Practices(Laboratory)	14230/2018-CO/L	L-78918/2018	20-11-2018	Faculty Authorship
7	Wave Optics and its Applications	14073/2018-CO/L	L-79008/2018	20-11-2018	Faculty Authorship

COPY RIGHTS					
S. No.	Title	Dairy No.	RoC Number	Date of RoC	Category
8	Engineering Graphics and Design(Laboratory)	14235/2018-CO/L	L-79010/2018	20-11-2018	Faculty Authorship
9	Fundamentals of Electrical Engineering	14013/2018-CO/L	L-79401/2018	10-12-2018	Faculty Authorship
10	Engineering Chemistry	14153/2018-CO/L	L-79732/2018	24-12-2018	Faculty Authorship
11	Programming for Problem Solving (Laboratory)	14234/2018-CO/L	L-79883/2018	28-12-2018	Faculty Authorship
12	Electrical Circuit Analysis	5606/2019-CO/L	L-82657/2019	21-05-2019	Faculty Authorship
13	Electrical Circuits	5603/2019-CO/L	L-82759/2019	24-05-2019	Faculty Authorship
14	Semiconductor Physics	5634/2019-CO/L	L-82777/2019	24-05-2019	Faculty Authorship
15	Programming for Problem Solving	6096/2019-CO/L	L-82825/2019	27-05-2019	Faculty Authorship
16	Basic Electrical and Electronics Engineering	5632/2019-CO/L	L-82830/2019	27-05-2019	Faculty Authorship
17	Engineering Mechanics	5633/2019-CO/L	L-82857/2019	28-05-2019	Faculty Authorship

CENTRAL FACILITIES

CENTRAL 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 35000 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 35000 volume of books. It has subscribed to more than 180 online journals of IEEE, ASME and it is subscribing more than 156 Indian Journals & Magazines in print.

Digital library with 40 systems to access E-journals, E-books, E-learning, Multimedia Center and photocopying are made available for the convenience of the users. N-LIST E resources (Through INFLIBNET), NPTEL facility (National Programme on Technology Enhanced Learning) to access video lectures and



Membership of DELNET (Inter library loan) for resource sharing. Library is fully computerized with bar-coding system.

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.

Library Collection:-

S.No	Course(s)	Number of		Journals
		Titles	Volumes	National
1	Aeronautical Engineering	597	4817	12
2	Mechanical Engineering	685	5643	12
3	ECE	1051	9017	18
4	EEE	618	4379	6
5	CSE & IT	1298	10911	24
6	Civil	711	4032	12
7	Humanities & Basic Sciences	1224	6798	6
8	MBA	628	3056	12
9	M.Tech., Computer Science Engg.	256	1226	5
10	M.Tech.,Aerospace Engg.	181	982	5
11	M.Tech., Software Engg.	169	971	5
12	M.Tech.,CAD/CAM	266	710	5
13	M.Tech Embedded systems	116	320	5
14	M.Tech Power Electronics and Electrical Drives	108	735	5
TOTAL		7788	53597	132

S.No	E-Journal's List	Number of E-Journals
1	IEEE Explore E- Journals	163
2	ASME E - Journals	29
3	ASCE E - Journals	36
4	ASTM Digital Library Online Version	1500+ Books
5	NPTEL Video Courses	1196+

Computer Centre:

Our students have unrestricted, round-the-clock access to air-conditioned computer laboratories equipped with structured fibre optic and UTP cabling network and other relevant software. The students are privileged to have access to our state-of-the-art computer laboratories, which are home to over 1170 computers (APPLE, DELL, LENOVA and HP make), 11 servers, 117 printers and over 32 laptops (SONY, DELL, SAMSUNG, ACER and HP make) with a dedicated network. The Overall ratio of computers to students is nearly more than the number recommended. The Computer laboratories are being upgraded from time to time to provide the best computational infrastructure.

The Computer Centre houses powerful servers, which provide computational environment comprising of multiple operating systems - Microsoft Windows, Linux and Unix, and can be accessed from any of the nodes attached to the servers across the campus.

The Department of Information Technology maintains an institutional membership in the MSDNAA.

Hardware Facility at Computer Centre:

Windows Server: Hewlet Packard ML 350 G5 Server, Dual Quad Core XEON E5410 Processor @ 2.33 GHz

Linux Server: Hewlet Packard ML 350 G5 Server, Dual Quad Core XEON E5410 Processor @ 2.33 GHz

Office Automation Server: HP Proliant ML 110 G4 Server, Xeon Dual Core Processor @ 1.8 GHz

Online Exam Servers: Two numbers of Wipro NetPower Intel Xeon Dual Processor @ 2.8 GHz

ECAD Server: Wipro NetPower Intel Xeon Processor @ 2.8 GHz

Internet Server: Wipro NetPower Intel Xeon Processor @ 2.8 GHz

HP Colour Laser Printers TVSE Dot Matrix Printers HP Scanners Sony DLP Projectors

Software Available in Computer Centre:

Red Hat Enterprise Linux	WINDOWS Advanced Server	IBM Rational Rose UML 60 user Software	IBM Rational Tester	MS OFFICE	MS Office Visio Professional 2003
Macromedia Flash	Visual Studio	C	C++	Java Language Compilers	PRO/ENGINEER University Lab Bundle
Professional CADENS	VLSI Tools	Norton Semantic Endpoint Protection Anti Virus	ANSYS Academic Teaching	MATLAB 100 Users	

Central Facilities

ICT







The institute regularly increases ICT facilities for classrooms, tutorial rooms and Laboratories. Presently, each Department has 2 class rooms that are equipped with LCD Projector-audio system, Wi-Fi facility and wired internet/ network facility, each department is provided Laptops for faculty usage in interactive teaching.

Placement and Training Centre

Placement and Training centre (PAT) is functioning with an aim to mould students to meet the corporate expectations and place them in reputed companies. The cell invites reputed trainers in the field of communication and interpersonal skills to train the students with necessary soft skills required to face the interviews in today's competitive world. Placement and training cell is instrumental in signing the MoUs with some of the reputed companies like Infosys, Tech Mahindra, NTT Data, Mphasis, TATA Advanced Systems, Cyient, MTE Industries, CISCO, Carence, ARM etc. Through the MoUs, the PAT organizes various technical training and certification programs for students to give edge in present global employment market.

The PAT organizes and coordinates Campus Placement Program to fulfill its commitment of a job to every aspirant. A lively and resolute relationship of the placement cell with corporates across the country resulted in a good placement record both in terms of percentage of eligible students placed and the number of corporates visiting the college.

Objectives:

-  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.

Cafeteria

The institute has an ideal cafeteria that takes utmost care in providing hygienic and wholesome food at subsidized rates. The cafeteria offers a wide range of cuisines like south Indian, north Indian and Chinese. Besides this, it also has fruit juice and fast food stalls. Students also enjoy the provision of popular food outlets like 'Wings & Fries', 'Coffee Day' and 'Nestle'. The authorities take personal care in maintaining the quality of food served in the canteen.

Makers Space

Makers Space is established in the year 2016 to facilitate with equipment ranging from small 3D printers to large industrial machining centers.

Technology Innovation and Incubation Centre (TIIC):-

Technology Innovation and Incubation Centre (TIIC) has been started in the year 2016 with an ample closet space of 10000 sft in institute premises. The TIIC centre enables the infrastructural support to students and faculty to convert their ideas into final products.

Innovation and Incubation Centre is a space for new age entrepreneurs and young minds to transform their innovative ideas into viable business propositions. TIIC will ensure that incubates have access to technological assistance which will be generated through mentors with multidisciplinary expertise. We encourage young enthusiasts with creative pursuits with an inherent zeal to be entrepreneurs to take advantage of this novel initiative.

Objectives

- Identifying ideas, Proof of Concepts (POC), prototypes and translating them into product development and MVP stages through TRL activities.
- Conducting Ideathons, Hackathons and Boot camps to engage and develop interest among all students, faculties and Innovators.
- To create infrastructure for rapid prototyping, product development and MVP stage of Innovations.
- To inculcate generation of IPR's among the faculty members, students and Innovators.
- Effective implementation of Pre-Incubation Program.

Business Incubation Centre:

IARE- Business Incubation Centre is an initiative supported by Maruthi Educational Society and MTE Industries, Hyderabad. It aims to nurture technology and knowledge based entrepreneur's right from ideation stage to starting a business venture. The incubation centre will focus (not limited to) on working with the start-ups in the areas of: Smart Manufacturing Rapid Prototyping Composite material Embedded Systems Internet of Things Agriculture Smart Grid Instrumentation and Sensors Avionics.

Science & Technology StartUp Park (STSP):

The Institute of Aeronautical Engineering, Hyderabad starts a Science & Technology StartUp Park (STSP), a technology business incubator facility to support start-ups in the areas of information technology, electronics and mechanical engineering enabling "Smart Manufacturing via the Make in India Initiative". It aims at offering students with innovative ideas and an opportunity to become entrepreneurs. Promising candidates, who have exciting ideas, can start right from the first year.

1. Wi-Fi enabled Campus and facilities to all stakeholders:

The Institute is a Wi-Fi enabled campus which helps management, staff and students to extensively use the internet for their various purposes. The leased lines of BSNL (100 Mbps), Apollo (100 Mbps), are playing instrumental role for facilitating over all campus network. The Radware Link Proof Load balancer and Fire wall are used for continuous network support for entire institute without break its impact is seen as smooth video conferencing in the Seminar, workshop in the different departments. The computer centre assisted the institute administration in the different selection processes by conducting written examination. Wi-Fi connectivity extended with 200 MBPS

2. Laboratory Infrastructure and Research Facilities

Laboratories in various academic department and individual faculty members have been provided with sufficient computing facilities to facilitate their regular teaching learning process and students laboratory work.

STUDENT AFFAIRS

Grievance Redressal

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. Students and parents can 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.

The committee comprises of following members:

S No	Name	Designation	Department	Responsibility
1	Dr. V Padmanabha Reddy	Professor	IT	Convener
2	Dr. K Viswanath Allamraju	Associate Professor	ME	Member
3	Mr. B Raju	Assistant Professor	Chemistry	Member
4	Mr. S Devaraj	Assistant Professor	AE	Member
5	Mr. P Ravinder	Assistant Professor	CSE	Member
6	Ms. B Pravallika	Assistant Professor	IT	Member
7	Ms. G Ajitha	Assistant Professor	ECE	Member
8	Mr. K Devender Reddy	Assistant Professor	EEE	Member
9	Ms. I Shireesha	Assistant Professor	MBA	Member

Student Clubs

Academic grades are imperative for job applications and career success, many employers are also looking for well-rounded candidates with demonstrated participation in extra-curricular activities. IARE provide students with both academic and non-academic clubs, to promote personal and professional development.

“Participation in the work of various clubs on campus provides students an opportunity to acquire leadership, planning, and social skills that are important for successful living.”

Benefits

IARE not only provides career opportunities to students but also improves them with personal and social skills, enhancing the overall collegiate experience. clubs and extra-curricular activities are “extremely important in helping students develop lifelong good working habits which hone their communication skills and foster creative thinking. Students can learn valuable character traits such as pride and productivity and also work as part of a team towards a common goal.

In addition to helping foster practical skills such as time management, leadership, and responsibility, extra-curricular activities allow students to “test the waters” and explore new areas of interest. Additionally, successfully balancing the time commitments involved in participating in clubs with those necessary to maintain good grades helps prepare students for balancing the demands of a career, family and other life obligations.

To promote the extracurricular activities among the students, Institute started clubs division initial with 17 clubs. For each club one faculty member will be act as a faculty coordinator. The students are free to opt clubs based on their interest and choice. Under each club, activities conducted regularly. Some of the clubs are mentioned below.

-  Arts
-  Dance
-  Citadel
-  Photography
-  Women Empowerment
-  Aero Modelling
-  TEDx
-  Bakasura
-  Theatre
-  Compendium
-  Fashion

Outreach and Extension Activities

Outreach Programs

Institute of Aeronautical Engineering students and professors also engage in outreach projects within the local community. This includes giving special lectures for primary school children at the rural areas or hosting groups of high school students at our Institution. Finally, Institute of Aeronautical Engineering is also host to many outreach programs throughout the year. We have Outreach Programs and Extension Activities Center (OPEAC) – the tag line of which is “Working with a Smile to bring back a Smile”.

Objectives:

- To provide the right environment for physical, intellectual, social and boost the emotional quotient in students with efforts to add values of good citizenship.
- To conduct activities both inside and outside the campus for the benefit of society for a better environment to live.
- To participate in collaboration with other organizations in carrying out social outreach programs.

Programs Organised.

S.No	Name of the Activity	Organizing unit/ agency/ collaborating agency	Name of the Scheme	Date of the Activity
1	Science Awareness Fair and Exhibition at Institute of Aeronautical Engineering	Institute of Aeronautical Engineering and NCSTC, DST, Govt. of India New Delhi	STEMM Demonstration and Popularization DST, Govt. of India New Delhi	27-12-2018 to 29-12-2018
2	Science Awareness Fair and Exhibition at MJPTBCW Residential Boys School, Kowdapally Dist.- Medak, Telangana	Institute of Aeronautical Engineering and NCSTC, DST, Govt. of India New Delhi STEMM Demonstration and Popularization DST, Govt. of India New Delhi	Outreach Program	23-01-2019 to 25-01-2019
3	Awareness program on national needs for rural India.	Institute of Aeronautical Engineering and MHRD Govt. of India New Delhi	Unnat Bharat Abhiyan, MHRD, Govt. of India New Delhi	25-10-2018 to 30-10-2018

Outreach Program and Extension Activities

Extension Activities

- The activities organized under NCC, NSS, Student clubs
- National Service Scheme (NSS) functioning with the motto “NOT ME BUT YOU” in view of making the youth inspired in service of the people. NSS aims “education through community service and community service through education”.

S.No	Name of the Activity	Organizing unit/ agency/ collaborating agency	Name of the Scheme	Date of the Activity
1	Heath Camp	Institute of Aeronautical Engineering and Malla Reddy Narayana Multispecialty hospital, Hyderabad	NSS	12-02-2019
2	Blood Donation Camp	Institute of Aeronautical Engineering and HDFC bank	NSS	03-11-2018
3	Haritha Haram	Institute of Aeronautical Engineering	NSS	13-03-2019
4	Distribution of benches to Zilla Parishat High School (ZPHS)- Suraram	Institute of Aeronautical Engineering/ Street Cause	NSS	02-09-2018
5	Distribution of Blankets	Institute of Aeronautical Engineering/ Street Cause	NSS	25-10-2018
6	Distribution of Benches, Boards and Fans to Zilla Parishat High School, Bowrampet	Institute of Aeronautical Engineering/ Street Cause	NSS	24-09-2018
7	Distribution of fans and tube lights to ZPHS Suraram	Institute of Aeronautical Engineering- Street Cause	NSS	26-01-2018
8	Kerala Relief Fund Initiative	Institute of Aeronautical Engineering- Street Cause	NSS	21-08-2018
9	Donation of Water purifiers and lunch to Thara Orphanage	Institute of Aeronautical Engineering- Street Cause	NSS	23-09-2018
10	Awareness program on Abiding traffic rules	Institute of Aeronautical Engineering/ Street Cause	NSS	16-02-2019
11	Marathon -run for fun	Institute of Aeronautical Engineering	NSS	07-10-2018

ORIENTATION DAY



MoU with King Mongkut's Institute of Technology Ladkrabang, Thailand.



PARENT - TEACHER MEET







ANNUAL DAY

