

INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad – 500 043



ANNUAL REPORT 2019-2020





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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 thrice 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.

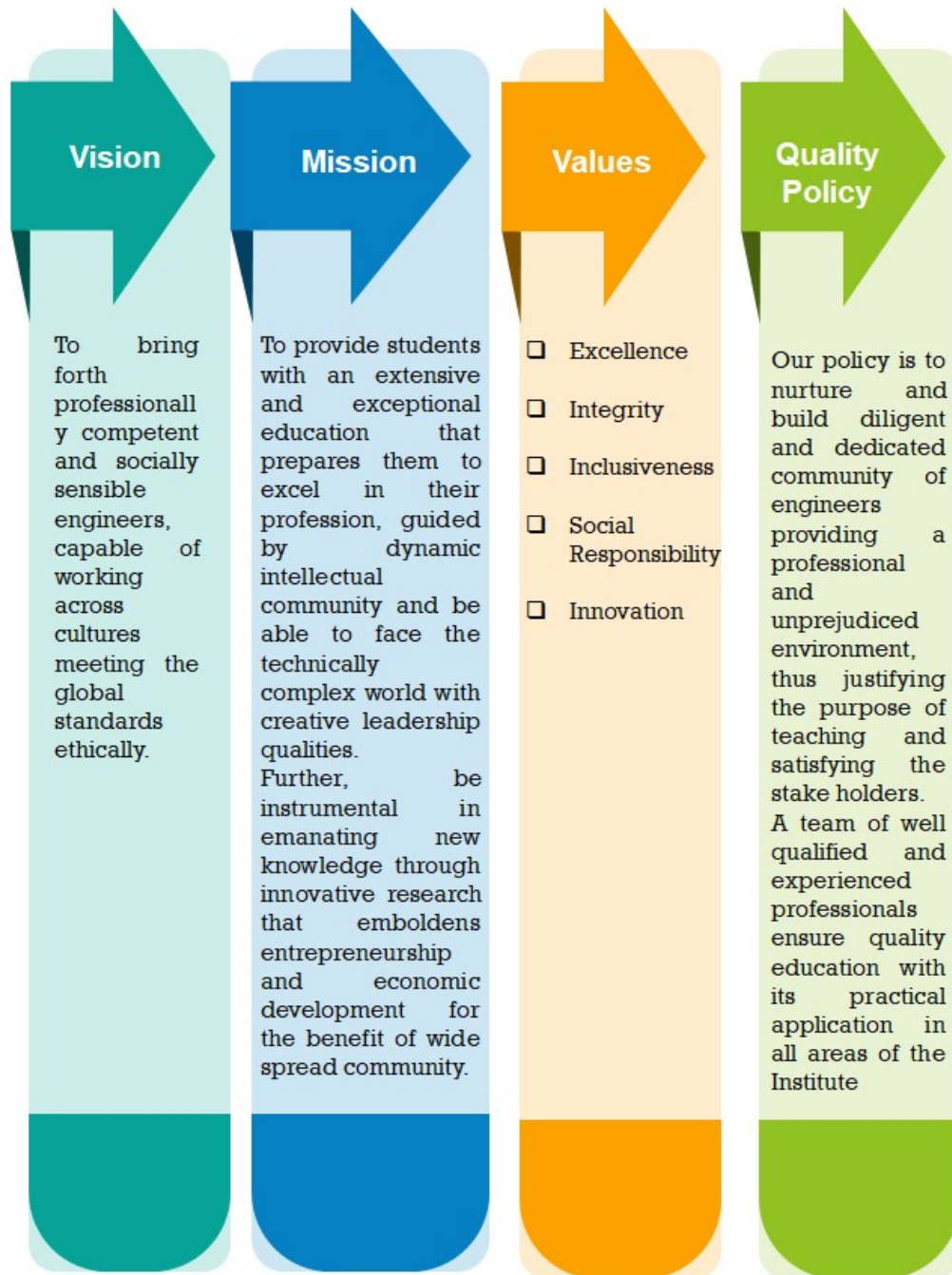
The institute is ranked **159** in Engineering category as per **National Institutional Ranking Framework (NIRF)** – 2021, Ministry of Human Resource Development (MHRD), Govt. of India. This illustrates positive performance and quality standards we maintain in Teaching, Research, Employability, and Innovation. Categorized as 'Band B' institution (rank band 26-50) in category of 'Private or Self-Financed College/Institutes' in Atal Ranking of Institutions on Innovation Achievement (ARIIA) – 2020, as per MHRD's Innovation Cell, Ministry of Education, Govt. of India.

CAMPUS

The institute is spread over 17 acres with built up area of 3,37,500 sft. housing 65+ smart class rooms, 2 ICT studio rooms, 4 flipped classrooms, 4 conference halls, auditorium, 8 research laboratories, 103 academic laboratories, science and technology startup park, technology innovation and incubation center, open air amphitheater, makerspace, community facilitation center, skill development center and library.

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 and 11 Km from JNTUH University, Kukatpally, in a lush green and pollution free environment.





INSTITUTE PHILOSOPHY

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.

Name of the Institution	Institute of Aeronautical Engineering(IARE)
Estd. Year	2000
Managed by	Maruthi Educational Society, Hyderabad
Approved by	All India Council for Technical Education, New Delhi
NIRF India Ranking	170 th Best Engineering Institution in India, as per Ministry of HRD, Govt. of India
ARIIA India Ranking	'Band B' institution (rank between 26-50) as per MHRD's Innovation Cell, Ministry of Education, Govt. of India.
Accreditation	NBA accreditation for seven B. Tech programs NBA accreditation for two M.Tech programs and one MBA program NAAC accreditation with 'A' Grade
Autonomy	Autonomous status from University Grants Commission(UGC), New Delhi
Affiliated to	Jawaharlal Nehru Technological University, Hyderabad
Campus	Dundigal, Hyderabad – 500043, Telangana
Phone	040-29705852,53,54

GOVERNANCE

Members of the Board and their background

Members of the Management

Sri Marri Rajasekhar Reddy



Chairman

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.

Sri Ch Sathi Reddy



Secretary and Correspondent

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 B Rajeshwar Rao



Executive Director & Treasurer

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

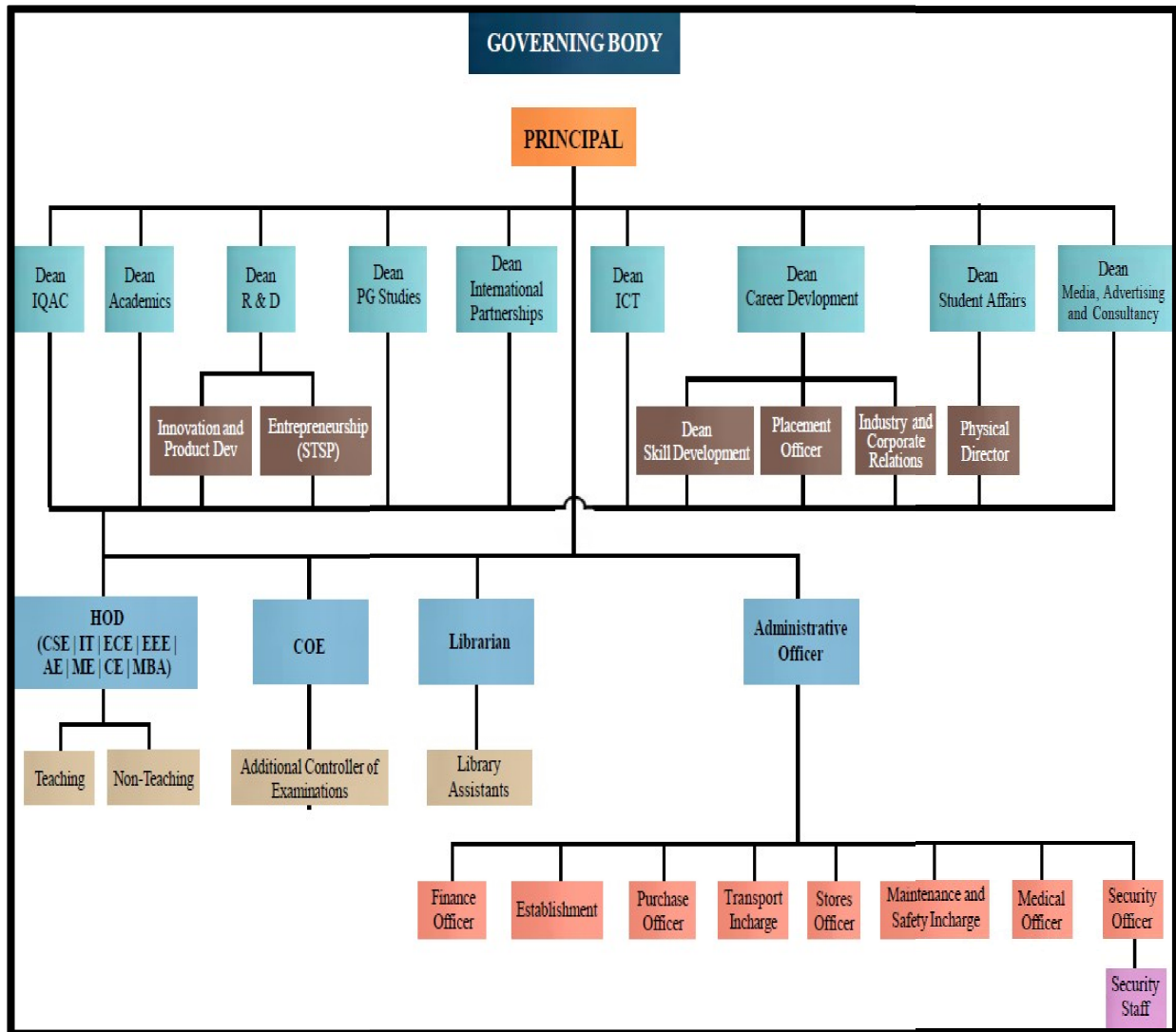
Member - Faculty

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

ORGANISATIONAL CHART



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 19 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.

YEAR IN REVIEW 2019-20

Total No. of Students 4464	Total No. of UG Students 4252	Total No. of PG Students 212
	Female students 1437	
Total No. of Admissions 1248	Total No. of UG Admissions 1080	Total No. of PG Admissions 168
Total No. of Graduates 992	No. of UG Graduates 916	No. of PG Graduates 76
Faculty Strength 277	No. of UG Faculty 245	No. of PG Faculty 32
Total No. of Students Placed 586	No. of Companies Visited 38	

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.

As we prepare to celebrate twenty years of success and transition into the third decade of IARE, we will embark on the “Sustainability & Initiatives Phase” with its research-based themes (2023 - 2028). We will continue to open the doors for new learning opportunities, to showcase proficiency in the use of modern technology, and to infuse research into the teaching and learning process. This plan will also enable the IARE community to contribute to the “NEP 2020” and ambitions of the “Start-up India”.

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.

RANKING & ACCOLADES

The College is ranked one among the 170 best Engineering colleges in the Country by the National Institutional Ranking Framework (NIRF) 2020.

It is a matter of great pride to all Management, Staff, Students that the College is ranked one among the 170 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 32.26 out of 100, the break-up of which is given below.

Teaching Learning and Resources	- 50.61 (100)
Research and Professional Practices	- 7.28 (100)
Graduation Outcomes	- 45.04 (100)
Outreach and Inclusivity	- 54.22 (100)
Perception	- 4.72(100)



The college has been participated in Atal Ranking of Institutions on Innovation Achievements (ARIIA)

Atal Ranking of Institutions on Innovation Achievements (ARIIA) is an initiative of Ministry of Human Resource Development (MHRD), Govt. of India to systematically rank all major higher educational institutions and universities in India on indicators related to “Innovation and Entrepreneurship Development” amongst students and faculties.

To promote incubation centers, start-ups and entrepreneurship, IARE signed an MOU with National Research Development Corporation (NRDC) to cooperate for the development of technologies and their successful transfer to industry for commercial and socio-economic benefits. The students are provided with avenues to showcase their talents and innovative skills. They also participate in various national level engineering competitions like Baja SAEINDIA, Supra SAEINDIA, Go-kart, ADC championships to name a few and have made their mark by winning prizes and ranks. They participate in national and state level project competitions as well as conferences to share their research findings. Students have represented the institute at international level as wellis instrumental in signing the Memorandum of Understanding (MOU) with many reputed organizations including Infosys, Tech Mahindra, NTT Data, Mphasis, TATA Advanced Systems, Cyient, MTE Industries, CISCO, Cadence, Autodesk, DesignTek, ARM, NAL, MCEME etc.



Rank in National Agencies

The institute has been ranked by different independent national agencies which include **AAA+** grade by the **Careers 360**, **84th** rank among the top private engineering colleges and **56th** rank in south India by **The Week**, **58th** rank among the top 150 engineering colleges in India and **36th** rank among the top 75 engineering colleges in south zone by the **Times of India**, **1st** rank among the top 25 promising engineering colleges of India by the **Competition Success Review**, one among the top 30 aspiring engineering colleges of India by the **India Today**, **8th** rank among the top 10 private engineering institutes of India (based on RoI) by the **Outlook**, and **AAAA** grade by the **Career Connect magazine**.

National Board of Accreditation for all branches

The College 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.

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
2006	Increase in the intake of B. Tech in Computer Science & Engineering from 90 to 120
	Increase in the intake of B. Tech in Electronics & Communication Engineering from 60 to 90
	Starting of PG courses in MBA/MCA
2008	Starting of B. Tech in Civil Engineering
	Increase in the intake of B. Tech in Aeronautical Engineering from 90 to 120
	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)
	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

Milestones

YEAR	MILESTONES
	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
	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.
	Starting of PG course in M.Tech (Electrical Power Systems)
2020	The Institute has been Accredited by National Board of Accreditation for two PG Programs in Engineering: M.Tech - Computer Science and Engineering and M.Tech - Embedded Systems from the Academic Year 2019 - 20 to 2021 - 22 for a period of three years.
	The Institute has been Accredited by National Board of Accreditation for Management Program: MBA (Masters in Business Administration) from the Academic Year 2019 - 20 to 2021 - 22 for a period of three years.
	IARE is Ranked 170 in Engineering category as per National Institutional Ranking Framework (NIRF) - 2020, Ministry of Human Resource Development (MHRD), Govt. of India.
	Institute of Aeronautical Engineering (IARE), is categorized as 'Band B' institution (rank between 26-50) in category of „Private or Self-Financed College/Institutes“ in Atal Ranking of Institutions on Innovation Achievement (ARIIA) – 2020, as per MHRD’s Innovation Cell, Ministry of Education, 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	Electrical Power Systems
7	Management	Masters in Business Administration
Ph.D		
1	Training & Research in Engineering & Technology	Computer Science & Engineering
2		Electronics and Communication Engineering
3		Mechanical Engineering

Innovations in academics

- ✚ Value added Courses and mandatory Courses are included in the R-18 regulations.
- ✚ Alternative Assessment Tool as a part of Continuous Internal Evaluation which include concept video and tech talk
- ✚ Started PG course in M.Tech (Electrical Power Systems).
- ✚ All B. Tech Courses, two M. Tech Course (Embedded Systems, Computer Science & Engineering), and MBA are accredited by NBA.
- ✚ Participation in Atal Ranking of Institutions on Innovation Achievement (ARIIA) Rankings and categorized as ‘Band B’ in category of ‘Private or Self-Financed College/Institutes ‘ in ARIIA-2020.
- ✚ Started ASPIRE-TBI with facilities Plant and machinery rapid prototyping in the Academic Year 2019-20.



Student Admissions

Student Intake 2019-20

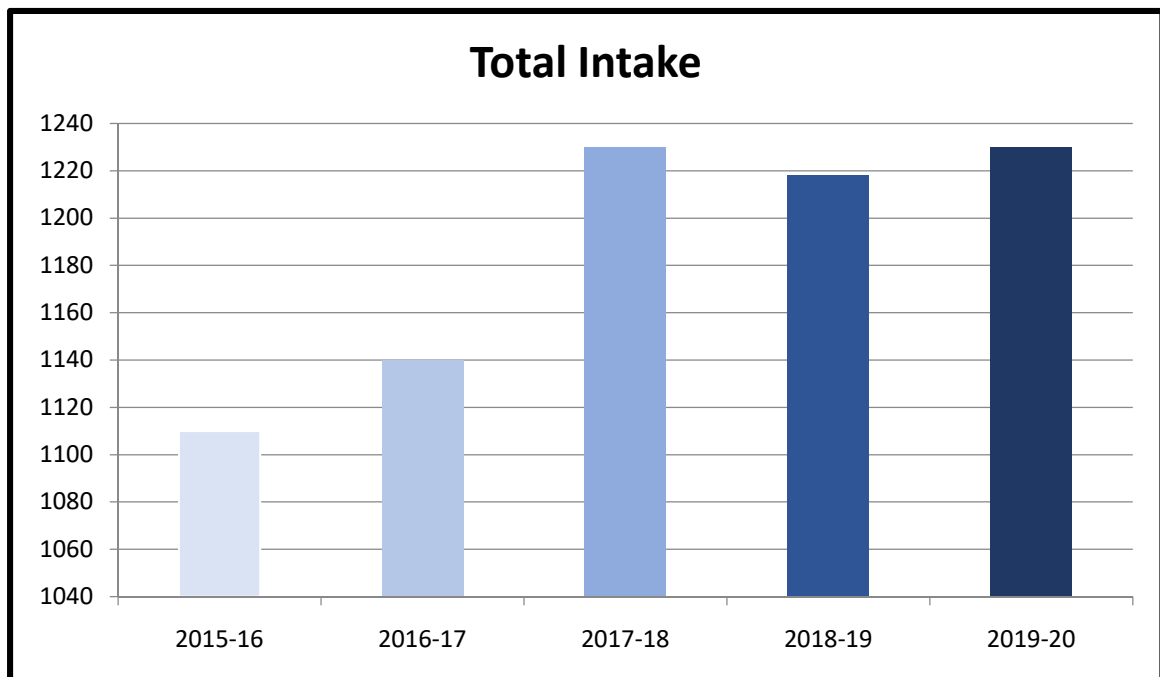
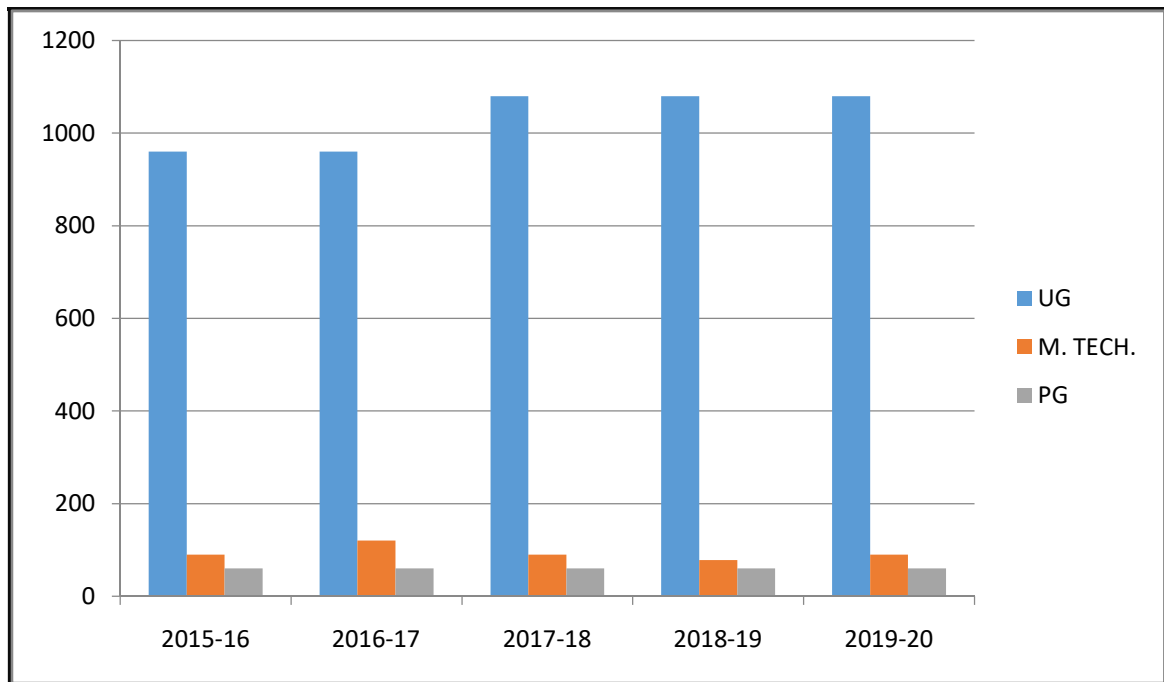


Figure: Overall Intake last five years

UG-B.Tech- Admission (Rankwise)

S.No	Branch	General		OBC		SC		ST		Minority		PHO & PHH	
		First	Last	First	Last	First	Last	First	Last	First	Last	First	Last
1	Aeronautical Engineering	8628	95339	8702	60815	17901	67035	28835	72934	12884	51768	42040	-
2	Computer Science and Engineering	4756	12421	9468	65330	33943	76759	43482	71818	6616	51493	11432	19707
3	Information Technology	13116	17484	19536	89376	67379	86257	66611	77524	46819	85337	15998	77524
4	Electronics and Communication Engineering	8271	79620	11017	80514	41047	85641	35654	96797	38654	83717	15947	79820
5	Electrical and Electronics Engineering	16572	25306	17813	75400	65299	91251	42182	79480	51807	54948	24902	58854
6	Mechanical Engineering	20511	57292	31379	92237	54218	90324	52441	71180	71988	79980	43816	57927
7	Civil Engineering	23655	39096	27577	77747	29458	91838	50570	91724	39030	86403	-	-

PG-Admission (Rank Wise)

S. No	Name of the Programme	General		OBC		SC		ST		Minority	
		First	Last	First	Last	First	Last	First	Last	First	Last
1	Aerospace Engineering	3	54	18	26	13	57	10	55	33	-
2	CAD/CAM	169	1486	361	-	1759	-	-	-	447	1378
3	Computer Science and Engineering	554	1711	585	769	1827	-	-	-	-	-
4	Embedded Systems	900	13822	694	-	928	1834	1796	-	-	-
5	Electrical Power Systems	381	-	343	1179	1063	-	-	-	-	-
6	Structural Engineering	251	360	70	2293	612	1418	-	-	582	-
7	MBA	5021	32050	5168	28520	20626	40858	-	-	5082	30766

STUDENT STRENGTH

The Institute IARE offers 7 undergraduate Programmes and 7 Postgraduate Programmes in the academic year 2019-20. The total student strength in the campus is 4464 of which 3027 are boys and 1437 are girls. The socio-economic profile of the entire student community can be perused through the following table.

On roll student's data for the AY 2019-2020

Department	Program	Year	Gender Wise		Total	Category									
			M	F		SC		ST		OBC		Minority		General	
						M	F	M	F	M	F	M	F	M	F
Aeronautical Engineering	UG	I	69	30	99	7	6	4	2	29	12	8	0	21	10
		II	90	37	127	11	1	3	2	44	14	7	2	25	18
		III	101	37	138	16	5	7	1	36	19	5	2	37	10
		IV	95	35	130	12	7	2	2	39	17	6	2	36	7
	PG (Aerospace)	I	14	4	18	2	1	1	1	4	0	0	1	7	1
Computer Science and Engineering	UG	I	153	89	242	14	9	1	3	52	36	8	5	78	36
		II	171	90	261	13	10	8	2	70	35	6	2	74	41
		III	151	106	257	13	11	3	3	64	29	5	4	66	59
		IV	139	95	234	13	10	6	3	43	32	7	3	70	47
	PG	I	4	5	9	1	0	0	0	2	1	0	0	1	4
		II	2	3	5	0	0	0	0	2	1	0	0	1	1
Information Technology	UG	I	81	40	121	11	1	2	1	31	15	5	1	32	22
		II	82	44	126	10	4	2	0	37	18	3	0	30	22
		III	53	55	108	6	1	1	1	19	17	4	2	23	34
		IV	24	29	53	6	2	0	0	9	8	2	0	7	19
Electronics and Communication Engineering	UG	I	158	82	240	18	9	10	1	73	31	5	5	52	36
		II	162	98	260	17	15	6	3	57	38	11	0	71	42
		III	167	105	272	17	9	8	3	74	39	9	3	59	51
		IV	147	88	235	17	8	9	3	66	34	5	2	50	41
	PG (Embedded Systems)	I	2	4	6	0	2	1	0	0	1	0	0	1	1
		II	3	5	8	1	1	0	0	2	2	0	0	0	2
Electrical and Electronics Engineering	UG	I	58	21	79	8	5	9	0	32	9	1	1	8	6
		II	91	41	132	12	7	5	0	50	21	4	0	20	13
		III	96	37	133	12	4	5	1	51	18	4	0	24	14
		IV	48	15	63	3	1	1	0	31	10	2	0	11	4
	PG (Electrical Power Systems)	I	4	6	10	0	1	0	0	4	4	0	0	0	1
Mechanical Engineering	UG	I	76	12	88	18	0	4	0	30	5	4	0	20	7
		II	100	18	118	14	1	4	0	47	11	4	0	31	6
		III	115	12	127	11	0	3	0	62	8	6	0	33	4
		IV	120	13	133	14	2	8	0	48	7	7	1	43	3
	PG (CAD/CAM)	I	10	0	10	1	0	0	0	1	0	3	0	5	0
		II	7	0	7	1	0	1	0	4	0	0	0	1	0
Civil Engineering	UG	I	69	17	86	16	3	9	2	26	9	5	0	13	3
		II	98	33	131	10	3	7	2	50	17	5	1	26	10
		III	94	35	129	13	8	4	2	47	12	9	1	21	12
		IV	97	33	130	13	6	9	1	53	14	5	0	17	12
	PG (Structural Engineering)	I	9	5	14	1	1	0	0	4	3	2	0	2	1
		II	14	6	20	1	1	0	0	6	3	1	1	6	1
MBA	PG	I	24	26	50	2	5	0	0	12	9	3	2	7	10
		II	29	26	55	2	7	0	0	17	15	2	0	8	4
Total			3027	1437	4464	357	167	143	39	1328	574	163	41	1037	615

RESULTS

Table: Branch wise results analysis

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	81	21	102	96.23%
2	CSE	144	75	219	121	72	193	88.13%
3	IT	25	24	49	24	23	47	95.92%
4	ECE	176	67	243	142	65	207	85.19%
5	EEE	36	14	50	32	13	45	90.00%
6	MECH	100	15	115	85	12	97	84.35%
7	CE	76	21	97	67	18	85	87.63%
Total		642	237	879	552	224	776	88.28%

The detailed results of the examinations are given in the following table for the A.Y 2019-20

S.No	Semester	%
1	B. Tech I Semester	81.26%
2	B. Tech II Semester	73.1%
3	B. Tech III Semester	68.53
4	B. Tech IV Semester	66.2%
5	B. Tech V Semester	72.75%
6	B. Tech VI Semester	75.1%
7	B. Tech VII Semester	75.05%
8	B. Tech VIII Semester	93.93%

ROLL OF HONOR**Aeronautical Engineering**

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	16951A21A3	Ms. G Vijaya Lahari	9.35	I
2	16951A2103	Mr. Pulipalupula Akash	9.26	II
3	16951A2136	Ms. Vuntala Naga Santhoshi Lakshmi	9.26	II
4	16951A2147	Ms. Titumala Raju Preethi	9.14	III
5	16951A2180	Ms Reshab Savana	8.97	IV
6	16951A2127	Ms. Dova Jeevana	8.95	V

Computer Science & Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	16951A0581	Ms. Konika Mallik	9.48	I
2	16951A0556	Mr. Jay Karan Telukunta	9.44	II
3	16951A0504	Ms. Chakka Aishwarya	9.28	II
4	16951A05B4	Ms. Kottem Pavani	9.28	III
5	16951A0513	Ms. Gadipudi Alekhya	9.27	IV
6	16951A0574	Ms. Gangapalli Lasya Sri Ranga	9.2	V
7	16951A05A0	Mr. Pavuluri Nehanth Chowdary	9.2	V

Information Technology

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	16951A1251	Ms. S Venkata Naga Santosha Sravani	9.46	I
2	16951A1236	Ms. V Sai Meghana	9.01	II
3	16951A1252	Ms. G VenkataSai NagaLakshmi Apoorva	8.83	III
4	16951A1248	Ms. Chiluveru Swathi	8.7	IV
5	16951A1241	Ms. Katreddi Sri Sai Durga	8.69	V

Electronics & Communication Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	16951A04B9	Ms. Mariserla Ramya	9.61	I
2	16951A0457	Mr. Manda Sineeth Kumar	9.35	II
3	16951A0446	Ms. Rondla Jhansi	9.24	III
4	16951A04H9	Ms. DVL Sravya	9.2	IV
5	16951A0439	Ms. Kalluri Harshini	9.11	V

Electrical & Electronics Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	16951A0205	Mr. Kanchu Beeraiah	9.03	I
2	16951A0228	Ms. Sangeetha Choudhary	8.92	II
3	16951A0219	Mr. Kukutapu Nishanth Kumar	8.86	III
4	16951A0207	Ms. Bachhu Chandana	8.85	IV
5	17955A0225	Mr. Vishwanatham Shashank	8.8	V

Mechanical Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	16951A0325	Ms. Kanneganti Jahnvi	9.14	I
2	17955A0305	Mr. Talasila Chaitanya Sai	9.05	II
3	16951A0382	Mr. Chikka Shiva Prasad	8.87	III
4	16951A0312	Mr. Voduri Dinesh Kumar	8.67	IV
5	16951A0387	Mr. Gudla Surendra Kumar	8.58	V

Student

Civil Engineering

S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	16951A0325	Ms. Kanneganti Jahnavi	9.14	I
2	17955A0305	Mr. Talasila Chaitanya Sai	9.05	II
3	16951A0382	Mr. Chikka Shiva Prasad	8.87	III
4	16951A0312	Mr. Voduri Dinesh Kumar	8.67	IV
5	16951A0387	Mr. Gudla Surendra Kumar	8.58	V

Master of business Administration

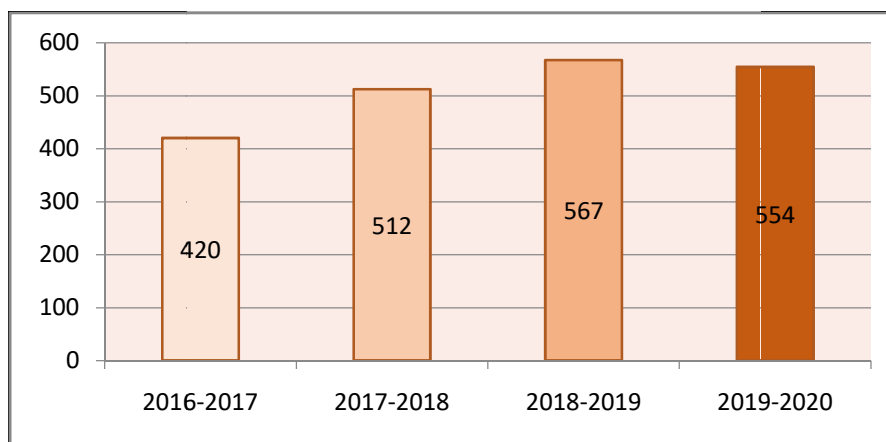
S. No	Hall Ticket No.	Student Name	CGPA	Rank
1	18951E0026	Ms. Kokonda Pooja	9.75	I
2	18951E0028	Ms. Peddireddy Prabandha	9.69	II
3	18951E0024	Ms. Yelavarthi Nikhitha	9.64	III

PLACEMENTS

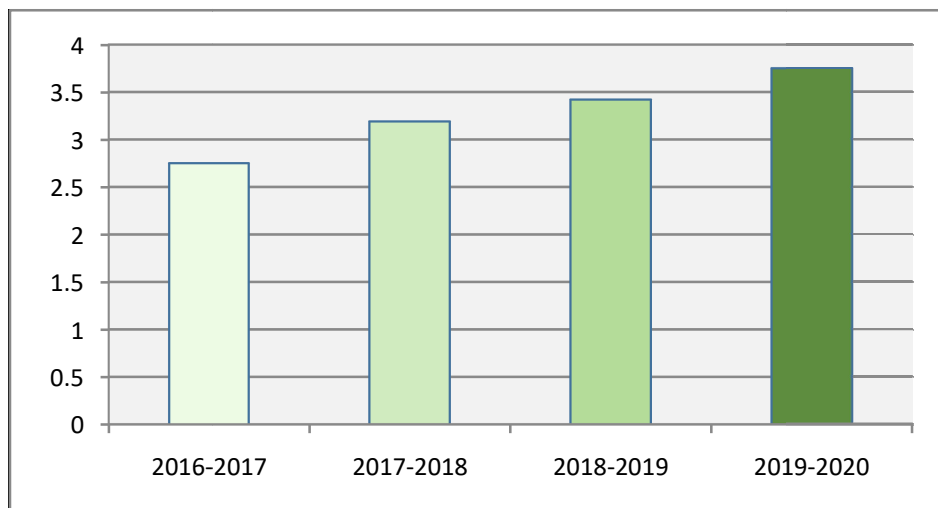
S. No	Name of the Company	No. of Offers	Date Visited	Salary Offered Per Annum (₹)
1	AMAZON (SDE)	2	18-Jul-21	14,00,000/-
2	CAPGEMINI	161	12-Aug-19	3,80,000/-
3	LARSEN AND TOUBRO INFOTECH (LTI)	35		
	LTI - LEVEL 1	26	20-Aug-19	3,50,000/-
	LTI - LEVEL 2	9	20-Aug-19	5,00,000/-
4	TATA CONSULTANCY SERVICES (TCS)	84		
	TCS - DIGITAL	7	12-Jul-19	7,00,000/-
	TCS - CODEVITA	10	12-Jul-19	3,50,000/-
	TCS - NQT	67	12-Jul-19	3,50,000/-
5	INFOSYS	15		
	INFYTQ	5	13-Aug-19	5,00,000/-
	HACKWITHINFY	8	20-Aug-19	5,00,000/-
	INFOSYS	2	11-Nov-19	3,60,000/-
6	EPAM SYSTEMS (EPAM)	1	22-Jul-19	6,00,000/-
7	NTT DATA	4	31-Aug-19	3,50,000/-
8	OPTUM	12	07-Sep-19	5,00,000/-
9	MPHASIS	29	11-Sep-19	3,25,000/-
10	TEK SYSTEMS	1	05-Sep-19	6,00,000/-
11	HEXAWARE TECHNOLOGIES	6	18-Sep-19	3,00,000/-
12	VALUELABS	8	17-Sep-19	4,50,000/-
13	NETELIXIR	10	19-Sep-19	3,20,000/-
14	MINDTREE	2	07-Sep-19	3,50,000/-
15	IBM	3	07-Dec-19	4,25,000/-
16	VIRTUSA	2	25-Nov-19	4,00,000/-
17	TVARANA	3	26-Sep-19	4,00,000/-
18	APTROID CONSULTING PVT LTD	1	15-Nov-19	3,00,000/-
19	GLOBAL EDGE	2	21 Nov, 2019	3,50,000/-
20	TRAINZ	13	23-Oct-19	3,80,000/-
21	WIPRO	18	17-Nov-19	3,50,000/-
22	TA DIGITAL	01	21 Nov, 2019	3,70,000/-
23	IBS SOFTWARE (IBS)	2	23-Sep-19	3,36,000/-
24	NEUDESIC TECHNOLOGIES	2	17 Dec, 2019	3,60,000/-
25	COGNITUS CONSULTING	1	07-Jan-20	2,75,000/-
26	COGNIZANT	61	25 Jan, 2020	4,00,000/-

S. No	Name of the Company	No. of Offers	Date Visited	Salary Offered Per Annum (₹)
27	DXC TECHNOLOGIES	5	13 Feb, 2020	3,40,000/-
28	AMARA RAJA	1	12 Feb, 2020	3,00,000/-
29	OPPO	1	17 Feb, 2020	3,00,000/-
30	CAVISSON SYSTEMS	12	12 Feb, 2020	3,00,000/-
31	RENAULT NISSAN TECHNOLOGY	2	09 Mar, 2020	3,50,000/-
32	ZIEGLAR AEROSPACE LIMITED	30	01 Jun, 2020	3,60,000/-
33	HYOSEONG ELECTRIC INDIA PVT LTD	21	09 Mar, 2020	1,80,000/-
34	VOLIVE SOLUTIONS	01	20 Jun, 2020	3,00,000/-
35	JSPIDERS QSPIDERS	10	09 Sep, 2020	2,40,000/-
36	JBM AUTOMOTIVES	04	20 Sep, 2020	2,40,000/-
37	RESOLUTE STAR	20	20 Sep, 2020	2,30,000/-
38	LANCESOFT	01	11 Aug, 2021	2,40,000/-
Total		723		

PLACEMENTS IN LAST FOUR YEARS



AVG. SALARY PER ANNUM IN LAKHS



OUR RECRUITERS



STUDENT EXCHANGE PROGRAMS

Institute of Aeronautical Engineering (IARE) has initiated collaborations with many top-notch universities around the world in countries like Indonesia, Malaysia, Vietnam, Korea, Singapore, Thailand, and the United States of America. Collaborating with other universities and sharing knowledge as well as resources with universities and academic communities throughout the world is an important part of Institute of Aeronautical Engineering's international mission. Through its strategic partnerships with the universities around the globe, the institute offers student exchange programs for B. Tech, M.Tech and MBA students, as well as opportunities to intern.

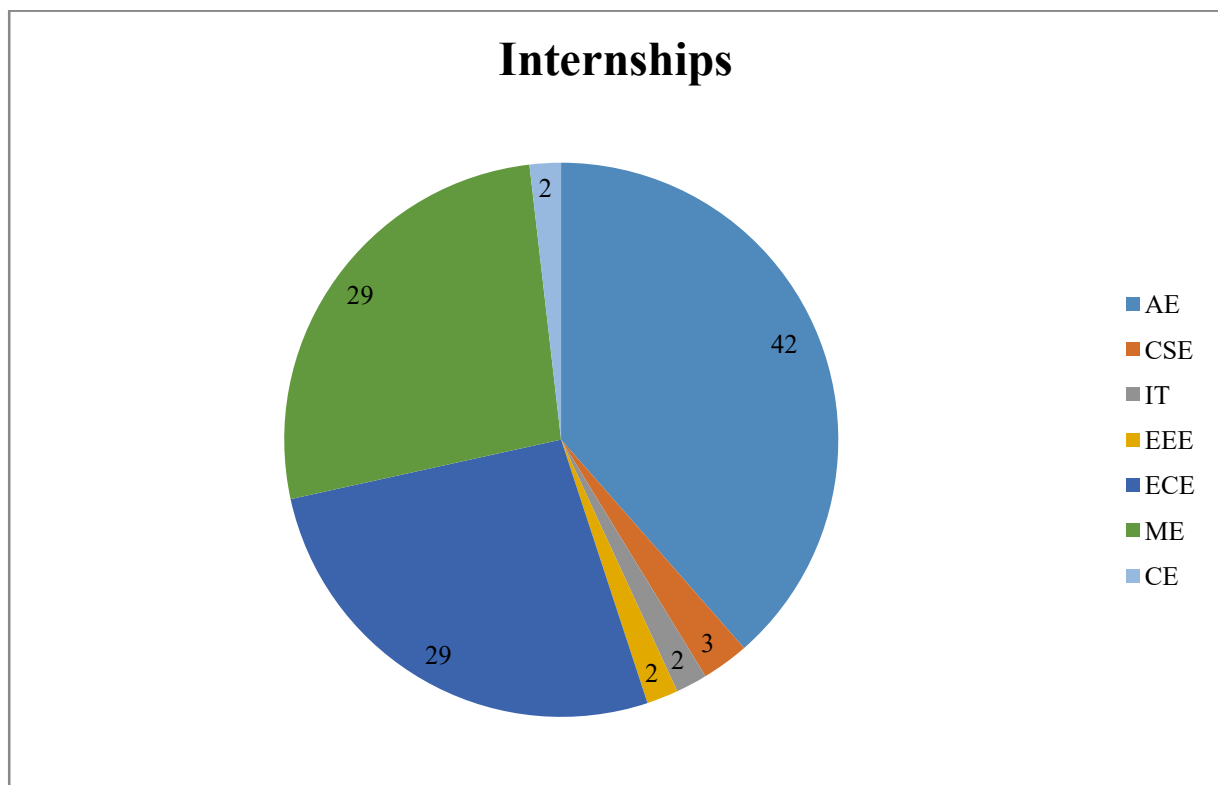
Name	Branch	Duration	Project Title	University	Guide Details
Mr. G Sai Ruchith Reddy	CSE	June To September 2019	Photo Realistic Image Synthesis using SPADE Algorithm	King Mongkut's Institute of Technology Ladkrabang, Thailand	<u>Dr. Siridech Boonsang (Dean), Phone: 02-329-8264 ext. 2156,</u> <u>Email: siridecb@gmail.com</u>
Mr. P Sai Charan	CSE	June To September 2019	Photo Realistic Image Synthesis using SPADE Algorithm	King Mongkut's Institute of Technology Ladkrabang, Thailand	<u>Dr. Santhad Chuwongin (Head of CiRA), Phone: 02-329-8264 ext. 2183,</u> <u>Email: santhad.ch@kmitl.ac.th</u>
Mr. Hardik Nahata	CSE	August To December 2019	Classification of Skin Cancer Through Deep Learning	Nanyang Technological University, Singapore	<u>Prof. Jagath C. Rajapakse,</u> <u>Email: asjagath@ntu.edu.sg</u>
Mr. Jay Karan Telukunta	CSE	August To December 2019	Structural Health Monitoring using Machine Learning and Neural Networks Deployed in Edge Computing Node.	Nanyang Technological University, Singapore	Dr. Narasimalu Srikanth, Program Director and Research Scientist - ERI@NTU
Ms. R. Greeshma	CE	July To September 2019	Interface Shear of UHPC	University of Alabama, USA	<u>Dr. Aaleti Sriram, University of Alabama, AL, USA,</u> <u>Phone: +1 (515) 231-9983,</u> <u>Email: saaleti@eng.ua.edu</u>
Ms. Gundavarapu Indira Lakshmi	AERO	August To October 2019	CFD Analysis of Convection cooling used in Gas Turbine Blade	University of Malaya, Malaysia	<u>Ir. Dr. Poo Balan A/L Ganesan, University of Malaya, Kuala Lumpur, Malaysia-50603,</u> <u>Email: poo_ganesan@um.edu.my</u>

Student

Name	Branch	Duration	Project Title	University	Guide Details
Ms. Nimmala Dheeraja	AERO	August To October 2019	CFD Analysis of Convection cooling used in Gas Turbine Blade	University of Malaya, Malaysia	<u>Ir. Dr. Poo Balan A/L Ganesan, University of Malaya, Kuala Lumpur, Malaysia-50603,</u> Email: poo_ganesan@um.edu.m
Ms. P. Alekhya	MBA	August To October 2019	Impact of Corporate social responsibility on Firms Financial and Marketing performance on Indian firms.	University of Malaya, Malaysia	<u>Dr. Izlin Binti Ismail, Associate Professor in Department of Finance and Banking, University of Malaya, Malaysia. Phone: 79673945,</u> Email: izlin@um.edu.my
Ms. E. Mounika	MBA	August To October 2019	The Impact of Revamping FDI in Emerging Economy - India.	University of Malaya, Malaysia	<u>Dr. Izlin Binti Ismail, Associate Professor in Department of Finance and Banking, University of Malaya, Malaysia. Phone: 79673945,</u> Email: izlin@um.edu.my

STUDENT INTERNSHIPS

Sno	Name of the Branch	No. Of students Placed in Internships
1	AE	42
2	CSE	3
3	IT	2
4	EEE	2
5	ECE	29
6	ME	29
7	CE	2
Total		109



Student

Sno	Students Name	Roll No.	Dept.	Organization	From Date	To date
1	Mr. Abhishek Mohapatna	16951A2101	AERO	HAL Secunderabad	05-06-2019	05-07-2019
2	Ms. C Rashmitha	17951A2173	AERO	Hindustan Aeronautical Limited- Balanagar	10-06-2019	10-07-2019
3	Ms. D Rakhi	17951A2170	AERO	Hindustan Aeronautical Limited- Balanagar	10-06-2019	10-07-2019
4	Ms. R Tejasvi	17951A21A8	AERO	Hindustan Aeronautical Limited- Balanagar	10-06-2019	10-07-2019
5	Ms. A Swapnika	17951A21A6	AERO	Hindustan Aeronautical Limited- Balanagar	10-06-2019	10-07-2019
6	Ms. B prayuktha	17951A2164	AERO	Hindustan Aeronautical Limited- Balanagar	10-06-2019	10-07-2019
7	Ms. K. Vaishnavi	17951A21B0	AERO	Hindustan Aeronautical Limited- Balanagar	10-06-2019	10-07-2019
8	Ms. A.Srisaanka	17951A21A0	AERO	Hindustan Aeronautical Limited- Balanagar	10-06-2019	10-07-2019
9	Ms. G.S.R.N Prathysha	17951A2197	AERO	Hindustan Aeronautical Limited- Balanagar	10-06-2019	10-07-2019
10	Ms. T Preethi	16951A2147	AERO	Defense Research and Development Lab	15-06-2019	15-07-2019
11	Ms. K Pragna Bharathi	16951A2145	AERO	Defense Research and Development Lab	15-06-2019	15-07-2019
12	Ms. Dova Jeevana	16951A2127	AERO	DRDL	19-06-2019	19-07-2019
13	Ms. P.Madhuri	16951A2131	AERO	DRDL	19-06-2019	19-07-2019
14	Ms. V N Santoshi Lakshmi	16951A2136	AERO	BHEL	26-06-2019	12-07-2019
15	Ms. I Ashwitha	16951A2107	AERO	BHEL	26-06-2019	12-07-2019
16	Ms. E Priyanka	16951A2148	AERO	BHEL	26-06-2019	12-07-2019
17	Ms. N Sucharitha	16951A2195	AERO	BHEL	26-06-2019	12-07-2019
18	Ms. K S Gayatri	17951A21A5	AERO	Tata Sickorsky Aerospace Ltd	27-06-2019	14-07-2019
19	Ms. N Yeshaswi	17951A21C0	AERO	Tata Sickorsky Aerospace Ltd	27-06-2019	14-07-2019
20	Ms. K Madhulaalasa	17951A2136	AERO	Tata Sickorsky Aerospace Ltd	27-06-2019	14-07-2019
21	Mr. M Shiva Teja Reddy	17951A2193	AERO	Tata Sickorsky Aerospace Ltd	27-06-2019	14-07-2019
22	Ms. B Sony	16951A2187	AERO	DRDL	28-06-2019	13-07-2019
23	Ms. A Sai Shreya	16951A2167	AERO	DRDL	28-06-2019	13-07-2019
24	Mr. M Pramod	17951A2161	AERO	DRDL	01-07-2019	31-07-2019
25	Mr. K Nived	17951A2155	AERO	DRDL	01-07-2019	31-07-2019

Student

Sno	Students Name	Roll No.	Dept.	Organization	From Date	To date
26	Mr. K Anil	17951A2107	AERO	DRDL	01-07-2019	31-07-2019
27	Mr. N Omkar	17951A2156	AERO	DRDL	01-07-2019	31-07-2019
28	Mr. Ambulgekar Ashutosh Santosh	16951A2177	AERO	Tata Boeing Aerospace Ltd	24-08-2019	23-10-2019
29	Mr. K VS Ruthivik Sandilya	17951A2177	AERO	Hindustan Aeronautical Limited- Bangalore	01-02-2020	25-02-2020
30	Mr. B Prateek Kumar Dora	17951A2162	AERO	Hindustan Aeronautical Limited- Bangalore	01-02-2020	25-02-2020
31	Mr. P.Shishir	17951A2190	AERO	Hindustan Aeronautical Limited- Bangalore	01-02-2020	25-02-2020
32	Mr. B Naveen Naidu	17951A2149	AERO	Indian Institute of Technology Chennai Tamilnadu	20-05-2020	19-07-2020
33	Mr. D Pranay Sai	17951A2123	AERO	Indian Institute of Technology Chennai Tamilnadu	20-05-2020	19-07-2020
34	Mr. K Aravind Kumar	17951A2109	AERO	Indian Institute of Technology Chennai Tamilnadu	20-05-2020	19-07-2020
35	Mr. Sheik Misbah	17951A2160	AERO	Indian Institute of Technology Chennai Tamilnadu	20-05-2020	19-07-2020
36	Ms. K Madhulaalasa	17951A2136	AERO	Indian Institute of Technology Chennai Tamilnadu	20-05-2020	19-07-2020
37	Ms. Ch Keerthi Reddy	17951A2132	AERO	Indian Institute of Technology Chennai Tamilnadu	20-05-2020	19-07-2020
38	Ms. V Navya Shree	17951A2151	AERO	Indian Institute of Technology Chennai Tamilnadu	20-05-2020	19-07-2020
39	Ms. P Kavya Sri	17951A2131	AERO	Indian Institute of Technology Chennai Tamilnadu	20-05-2020	19-07-2020
40	Mr. Maroju Sunanda Rajan	17951A2142	AERO	ISRO SDC, SAAR , Srihari kota, Nellore	25-05-2020	15-07-2020
41	Mr. Mohammed Abdul Viqer	17951A2144	AERO	ISRO SDC, SAAR , Srihari kota, Nellore	25-05-2020	15-07-2020
42	Mr. Abhishek Parinam	17951A2103	AERO	Research and Development Labortory	25-05-2020	15-07-2020
43	Mr. G Vamshi	17951A01A8	CIVIL	Gayathri Project Ltd, Mallana Sagar camp	12-06-2019	12-07-2019
44	Mr. K.Chinna Nayak	17955A0107	CIVIL	Megha Engineering and Infrastructures ltd	01-01-2020	31-05-2020
45	Mr. Vicky Yadav	17951A05N5	CSE	KPPS Bhadradi Kothagudam	11-06-2019	10-07-2019
46	Mr. Saurav Datta	17951A05J7	CSE	BHEL	01-07-2019	19-07-2019
47	Mr. Ashish Kumar Thankur	16951A0522	CSE	Cognitus Consulting it Services Pvt Ltd	05-02-2020	27-03-2020
48	Mr. Abhinay Desbhatla	17951A0404	ECE	Bharath Electronic Limited (BEL)	01-06-2019	01-07-2019
49	Ms. S Siri Chandana	16951A04H5	ECE	V-Pack automations Pvt-ltd	01-06-2019	15-07-2019
50	Ms. Sri kavya	16951A04J5	ECE	V-Pack automations Pvt-ltd	01-06-2019	15-07-2019

Student

Sno	Students Name	Roll No.	Dept.	Organization	From Date	To date
51	Mr. L.Bhaskar Rao	17951A0428	ECE	ECIL, Cherlapally, Secunderabad	10-06-2019	09-07-2019
52	Mr. K Rakesh	17951A04D8	ECE	ECIL, Cherlapally, Secunderabad	10-06-2019	09-07-2019
53	Mr. N Satish Kumar	17951a04h5	ECE	ECIL, Cherlapally, Secunderabad	10-06-2019	09-07-2019
54	Ms. Reshma Chowdary	17951A04E3	ECE	ECIL, Cherlapally, Secunderabad	10-06-2019	10-07-2019
55	Ms. D Sree Spandana	17951A04K9	ECE	ECIL, Cherlapally, Secunderabad	10-06-2019	10-07-2019
56	Ms. Ch Spoorthy	17951A04P9	ECE	ECIL, Cherlapally, Secunderabad	10-06-2019	10-07-2019
57	Mr. M Aditya	17951A0406	ECE	Laxmi Narasaiah Kesoram Cement Factory	10-06-2019	10-07-2019
58	Ms. K kirtana	17951A0474	ECE	M Kranthi, Electronic Corporation of India Ltd,	15-06-2019	15-07-2019
59	Ms. J Likitha Sai	17951A0477	ECE	M Kranthi, Electronic Corporation of India Ltd,	15-06-2019	15-07-2019
60	Ms. M Saranya	17951A04H4	ECE	RTTC Gachibowli	17-06-2019	02-07-2019
61	Ms. M Pranathi	17951A04C2	ECE	RTTC Gachibowli	17-06-2019	02-07-2019
62	Ms. M Jyothsna Priya	17951A0466	ECE	ECIL	19-06-2019	19-07-2019
63	Ms. G Poorva Kalyani	17951A04B8	ECE	ECIL	19-06-2019	19-07-2019
64	Ms. M Pravallika	17951A04C9	ECE	ECIL	19-06-2019	19-07-2019
65	Ms. B Bhargavi	17951A0425	ECE	ECIL	19-06-2019	19-07-2019
66	Ms. I Bhargavi	17951A0426	ECE	ECIL	19-06-2019	19-07-2019
67	Ms. D Haritha	17951A0448	ECE	ECIL	19-06-2019	19-07-2019
68	Ms. A Bhavya Priya	17951A0430	ECE	Sridhar Shetty Electronic Corporation of India	19-06-2019	19-07-2019
69	Mr. Abhishek Rajesh	17951A0405	ECE	Sridhar Shetty Electronic Corporation of India	19-06-2019	19-07-2019
70	Mr. B Devebdar Reddy	17951A0436	ECE	Sridhar Shetty Electronic Corporation of India	19-06-2019	19-07-2019
71	Mr. A Ashish Kumar	17951A0418	ECE	Sridhar Shetty Electronic Corporation of India	19-06-2019	19-07-2019
72	Ms. B Anusha	17951A0412	ECE	S Sridhar Shetty (AGMCEO) Electronics Corporation of India Ltd	19-06-2019	19-07-2019
73	Ms. K Divya	17951A0439	ECE	S Sridhar Shetty (AGMCEO) Electronics Corporation of India Ltd	19-06-2019	19-07-2019
74	Mr. B Anush Raj	17951A0414	ECE	BHEL	26-06-2019	27-07-2019
75	Ms. S N S Hema Sravani	17951A0498	ECE	BHEL	28-06-2019	14-07-2019

Student

Sno	Students Name	Roll No.	Dept.	Organization	From Date	To date
76	Mr. Abhinay Desbhatla	17951A0404	ECE	Bharath Electronic Limited (BEL)	06-07-2019	07-07-2019
77	Mr. K Dilip	17951A0223	EEE	Ordnance Factory Yaddumailaram	17-06-2019	03-07-2019
78	Ms. Kotte Saibhavani	18955A0216	EEE	Kothagudem Thermal Power Station , Kothagudem	26-09-2019	20-10-2019
79	Ms. Sahithi	17951A1265	IT	ECIL	25-06-2019	13-07-2019
80	Ms. V Sravanthi	17951A1286	IT	ECIL	25-06-2019	13-07-2019
81	Mr. P Sahith	17951A0354	MECH	South Central Railways	01-06-2019	15-07-2019
82	Ms. T.Jayahari Sai	17951A0327	MECH	South Central Railways	01-06-2019	15-07-2019
83	Ms. K.Sai madhavi	17951A0360	MECH	South Central Railways	01-06-2019	15-07-2019
84	Mr. Deepak Rajan	17951A0319	MECH	Bharath Heavy Electrical Limited	01-06-2019	30-06-2019
85	Mr. P.Sahith	17951A0354	MECH	Baba Automobile Bangalore	02-06-2019	01-07-2019
86	Ms. K Sai Madhavi	17951A0360	MECH	Baba Automobile Bangalore	02-06-2019	01-07-2019
87	Mr. Sai krishna	16951A0333	MECH	NE Commercial Vehicles Ltd	07-06-2019	07-07-2019
88	Mr. K. R Akshay	16951A0303	MECH	NE Commercial Vehicles Ltd	07-06-2019	07-07-2019
89	Mr. B Satya Sai Swaroop	17951A0372	MECH	Tata Advanced Systems Ltd, Adibhatla Telangana	12-06-2019	11-07-2019
90	Mr. K Sharath Kumar	17951A0375	MECH	Tata Advanced Systems Ltd, Adibhatla Telangana	12-06-2019	11-07-2019
91	Mr. Y Nitish Kumar	17951A0345	MECH	BHEL	15-06-2019	01-07-2019
92	Mr. G. Abhinav	16951A0302	MECH	Nuclear Fuel Complex	17-06-2019	12-07-2019
93	Mr. Y. Gnandeep	16951A0319	MECH	Nuclear Fuel Complex	17-06-2019	12-07-2019
94	Mr. P. Jaswanth	16951A0327	MECH	Nuclear Fuel Complex	17-06-2019	12-07-2019
95	Mr. S.Kiran	16951A0339	MECH	Nuclear Fuel Complex	17-06-2019	12-07-2019
96	Mr. Markanti Vikas	16951A0352	MECH	South Central Railways-Rail Nilayam	19-06-2019	19-07-2019
97	Mr. Banavath Nagendra	16951A0349	MECH	South Central Railways-Rail Nilayam	19-06-2019	19-07-2019
98	Mr. Malavath Prakash	17955A0320	MECH	South Central Railways-Rail Nilayam	19-06-2019	19-07-2019
99	Ms. B.Spandana	17951A0383	MECH	HMT, Hyderabad	05-02-2020	17-02-2020
100	Mr. A.Sree Chandra Siddhardha	17951A0384	MECH	HMT, Hyderabad	05-02-2020	17-02-2020
101	Mr. R.Sriram	17951A0389	MECH	HMT, Hyderabad	05-02-2020	17-02-2020

Student

Sno	Students Name	Roll No.	Dept.	Organization	From Date	To date
102	Mr. S.Suresh	17951A0392	MECH	HMT, Hyderabad	05-02-2020	17-02-2020
103	Mr. P V Sharmi Sai	17951A0376	MECH	HMT, Hyderabad	05-02-2020	17-02-2020
104	Ms. V.Sharvani	17951A0377	MECH	HMT, Hyderabad	05-02-2020	17-02-2020
105	Mr. M Shashidhar	17951A0378	MECH	HMT, Hyderabad	05-02-2020	17-02-2020
106	Mr. S Shiva Naga Sathwik	17951A0380	MECH	HMT, Hyderabad	05-02-2020	17-02-2020
107	Mr. C Punith Sai	16951A0360	MECH	Aircraft Research & Design Center	01-04-2020	30-04-2020
108	Mr. G. Rahul	16951A0361	MECH	Aircraft Research & Design Center	01-04-2020	30-04-2020
109	Mr. K. Ravi Daniel	16951A0364	MECH	Aircraft Research & Design Center	01-04-2020	30-04-2020

GATE QUALIFIED STUDENTS

S. No	Name	Regd. No	Branch	Rank	Score
1	Ms. Aishwarya Rani D	AE20S41407101	Aeronautical Engineering	31	738
2	Ms. Vijaya Lahari	AE20S41411042	Aeronautical Engineering	40	704
3	Mr. Bhumireddy Mahikshith Reddy	AE20S41406133	Aeronautical Engineering	256	485
4	Ms. Garima Jain	AE20S41405033	Aeronautical Engineering	306	456
5	Mr. Sai Venkat Anirudh	AE20S41408018	Aeronautical Engineering	339	439
6	Ms. Reshab Savana	AE20S46031064	Aeronautical Engineering	472	378
7	Mr. Nikhil Priya	AE20S41402125	Aeronautical Engineering	640	326
8	Ms. G Alekhya	CS20S61401550	Computer Science & Engineering	12686	360
9	Mr. Tunga Subramanyam	EC20S41408230	Electronics & Communication Engineering	6775	438
10	Mr. Hariharan Pippari	EC20S41405991	Electronics & Communication Engineering	8984	393
11	Mr. Pavan Kalyan Gaddam	CE20S77413047	Civil Engineering	37718	231
12	Mr. Dharavath Naveen	EE20S51406117	Electrical & Electronics Engineering	29405	226
13	Mr. Sharathkumar M	AE20S41106027	Aeronautical Engineering	1467	27.2
14	Mr. Shashank Vishwanatham	EE20S51405822	Electrical & Electronics Engineering	1333	33.4
15	Mr. Tulasi Akshy Kumar Kodeboyina	AE20S41401035	Aeronautical Engineering	40	704
16	Ms. S. Keerthi	EC20S4140629	Electronics & Communication Engineering	692	695
17	Mr. Bishwajit Samal	EC20S41407397	Electronics and Communications Engineering		738
18	Mr. Sai Kumar Nagunuri	AE20S47402010	Aeronautical Engineering	258	704

Student

S. No	Name	Regd. No	Branch	Rank	Score
19	Mr. Jalendar Jakkala	EC20S41404581	Electronics and Communications Engineering		485

FACULTY IN POSITION

The total number of faculty is 277, out of which, 65 are PhD's (23%) 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 LIST 2019-20

DEPARTMENT NAME	Faculty Available			
	Asst.	Assoc.	Prof	Total
Aeronautical Engineering	16	2	2	20
Computer Science and Engineering	39	6	4	49
Information Technology	15	3	1	19
Electronics and Communication Engineering	30	3	8	41
Electrical and Electronics Engineering	23	2	3	28
Mechanical Engineering	20	7	6	33
Civil Engineering	27	0	4	31
MBA	11	3	0	14
FRESHMAN	29	3	10	42
Total	210	29	38	277

NEW APPOINTMENTS

DEPARTMENT NAME	Asst.	Assoc.	Prof	Total
Aeronautical Engineering	5	2	0	7
Computer Science and Engineering	18	1	1	20
Information Technology	9	0	0	9
Electronics and Communication Engineering	11	0	0	11
Electrical and Electronics Engineering	6	1	0	7
Mechanical Engineering	1	0	0	1
Civil Engineering	11	0	0	11
MBA	5	0	0	5
FRESHMAN	5	2	3	10
Total	71	6	4	81

Faculty joined the Institute in 2019-20

Name of the Faculty	Dept.	Name of the Faculty	Dept.
Ms. Suryawanshi Saraswathi	AERO	Ms.M Lavanya	ECE
Mr. V Phaninder Reddy	AERO	Mr. G Kiran Kumar	ECE
Mr. V Raghavender	AERO	Ms. S Swathi	ECE
Mr. Gooty Rohan	AERO	Mr. B Santosh Kumar	ECE
Mr. I Seetha Rama Rao	AERO	Ms. B Lakshmi Prasanna	ECE
Dr. V Varun	AERO	Ms. L Babitha	ECE
Dr. Aravind RajanAyagara	AERO	Ms. M Sugana Sri	ECE
Mr. A Jagadish Babu	CIVIL	Mr. Ganapavarapu Naveen	ECE
Mr. G N V Sai Teja	CIVIL	Ms. Pendyala Shamili Srimani	ECE
Ms. V N Vandana Reddy	CIVIL	Ms. C Radhika	ECE
Ms.H Apurva Rama	CIVIL	Mr. M Narendra Reddy	ECE
Ms.VepuriAliveluMangamma	CIVIL	Mrs.K Harshini	EEE
Ms. U Deepthi	CIVIL	Mrs.P Sravani	EEE
Ms.NSriramya	CIVIL	Mrs. P Sindhu	EEE
Mr. V Suryaprakash Reddy	CIVIL	Mr. T Ravi Babu	EEE
Mr. B Hemanth Sai Kalyan	CIVIL	Mr. M pala Prasad Reddy	EEE
Ms. B Bhavani	CIVIL	Mr. T Ravi Babu	EEE
Mr. Srinivas Govada	CIVIL	Ms. Shaik Ruksana Begam	EEE
Ms. M Ashoka Deepthi	CSE	Mr. CH. Chaitanya	FRESHMAN
Ms. B Vijaya Durga	CSE	Mr. P Harishi Babu	FRESHMAN

Faculty

Name of the Faculty	Dept.	Name of the Faculty	Dept.
Ms. A Jyothi sravani	CSE	Mr. B Srinivas Reddy	FRESHMAN
Dr.ChennupalliSrinivasulu	CSE	Ms. B.Namratha	FRESHMAN
Ms. K Rashmi	CSE	Dr. Surya SarmaSeshagiri Rao NV	FRESHMAN
Ms. Ala Harika	CSE	Dr. Shikha Kumari Pandey	FRESHMAN
Mr. S Raju	CSE	Dr. V Appa Rao	FRESHMAN
Ms. C Bhagyashree	CSE	Dr.Vegiapparao	FRESHMAN
Ms. T Sahithi	CSE	Dr. Jetty Wilson	FRESHMAN
Ms. B Anusha	CSE	Ms. SingaraveluSujani	FRESHMAN
Ms.P.Harika	CSE	Ms. Vijaya Durga CSL	IT
Ms.D.Keerthana	CSE	Ms. R Anuradha	IT
Ms. GotteAkhila	CSE- AI &ML	Ms. Nagula Sai Sri	IT
Ms. B Shashirekha	CSE- AI &ML	Ms. G Lohitha	IT
Ms. M Kalaiarasi	CSE- AI &ML	Ms. S Swarna Keerthi	IT
Ms. Avula Madhuri	CSE-CS	Ms. B.Varasree	IT
Ms. Poonam Khare	CSE-CS	Mr. N. suresh	MBA
Dr. S Vijaya Kumar	CSE-CS	Dr. Y. Sreekanth	MBA
Ms. P Vaishnavi	CSE-DS	Ms. ManasaYeruva	MBA
Ms. S Anusha	CSE-DS	Ms. M Sindhu	MBA
Ms. Akula Rajitha	CSIT	Ms. P Shraddha	MBA
Mr. Sama Surender Reddy	CSIT	Mr.G. Venkateswarlu	MECH
Ms. V Sudeshna	CSIT		

FACULTY AWARDS

NAME OF THE FACULTY	NAME OF AWARD	CENTRAL GOVT AGENCY
Dr. Y Mohana Roopa	IWN Telangana Leadership Conclave	Indian Women Network
Dr. M Madhuhbala	IWN Telangana Leadership Conclave	Indian Women Network
Ms. P. Sruthilaya	Best Faculty Award-Margadarshi	Indian Servers
Ms. P. Sruthilaya	Career Guru Awards	Aspiring Minds
Dr. Ch V K N S Moorthy	Dewang Mehta National Education Award	Business School Affiare
Dr. K Raghu Ram Mohan Reddy	Dewang Mehta National Education Award	Business School Affiare
Dr. K Raghu Ram Mohan Reddy	Best Professor in Mechanical Engineering Studies	27th Business School Affaire & Dewang Mehta National Education Awards
Dr. Ch VKNSN Moorthy	Best Professor in Nano Technology Studies	27th Business School Affaire & Dewang Mehta National Education Awards
Dr. K Viswanath Allam Raju	Best Faculty Award for Contribution and honorable Achievement in Innovative Research	SHEN 2019-Science, health & Engineering Chennai
Dr. G V R Seshagiri Rao	Excellence in Researh Award for Contribution and honorable Achievement in Innovative Research	SHEN 2019-Science, health & Engineering Chennai

EVENTS

S. No	From date	To date	Dept	Expert name	Title	Topic
1	24/07/2019	7/24/2019	MECH	Prof. Mr V Gnana Gandhi	Guest lecture in Introduction to Cryogenic Engines, a Production for National Importance	Cryogenic engines for space applications including CHANDRAYAAN-2
2	02/08/2019	8/2/2019	CIVIL	Prof. M. Padmavathi	Guest Lecture on Engineering of Ground - An Overview	To Introduce the engineering of ground, Preparation of ground for the large project sites Challenges, Different types and techniques for ground improvements
3	05/08/2019	8/15/2019	EEE	Dr. Venkata Reddy Kota	Short Term Training Programme on Sustainable Composite Materials for Emerging Solar Energy Technologies	DST- Interdisciplinary Cyber Physical System
4	06/08/2019	8/6/2019	MECH	Sri S. Rajendra Prasad	Global Perspective	Introducing Mechanical Engineering on a Broad note
5	09/08/2019	8/9/2019	ECE	Dr. Satish Maheswaran	Guest Lecture on Advanced COMS VLSI	To introduce the basics of nano electronics. To inculcate the interest among the students for opting VLSI in their career
6	10/08/2019	8/10/2019	ECE	Ch Sesha Sai Sree	Expert Talk on Winning Together Bridging the gap Together: Bridging the Gap Between Academia and Industry	To bring awareness on current technology trends in VLSI
7	10/08/2019	8/10/2019	EEE	Dr. Praveen	Advance in Power Electronic Applications	To create awareness in students about the Application of Power Electronics
8	10/08/2019	8/10/2019	CSE	Dr T Sree Ganesh	Doing Things Differently with Computer Science	To Introduce to do thing differently with Computer Science to improve Problem solving skills
9	19/08/2019	8/19/2019	EEE	-	Expert Talk on Electromagnetic Field intensity	Demonstrate the concept of electrostatic field intensity and potential, Illustrate polarization of dielectrics and the behaviour of conduct, dielectrics in an electric field
10	21/08/2019	8/21/2019	CIVIL	Dr R Srinivasa Kumar	Expert Talk on Pavement Materials like bitumen, aggregates characterization	To introduce the different Pavement Materials, How to characterize the pavement materials, Different types of test conducted in the field and laboratory
11	22/08/2019	8/22/2019	MECH	Dr. V. Seshagiri Rao	Guest Lecture on innovations in engineering sciences a brief on chadrayan - II	Empower students to take the leap required in technological progress, at implementation of the innovative ideas into products and services.

Events

S. No	From date	To date	Dept	Expert name	Title	Topic
12	04/09/2019	9/4/2019	CSE	Mr. Sandeep Manoj Burri	Cloud Computing Applications	Introduction, establish, explain, and usage of Cloud computing Applications in Industry
13	04/09/2019	9/4/2019	CIVIL	Mr. Manoj Kumar	Building Information Modelling and Energy Efficient Modelling	Introduction, Making, Differentiate on Building Information Modelling and energy efficient buildings with Normal buildings
14	05/09/2019	9/10/2019	EEE	Dr. V. Chandra Jagan Mohan	Gate Coaching in Power Electronics	Explain, Demonstration and Discuss the Gate Paper format of Power Electronics
15	22/09/2019	9/21/2019	CIVIL	Mr. V Bhaskar Rao	Overview on Rivet Architecture	Rivet architecture and Modelling of building Introduction and design
16	03/10/2019	10/5/2019	IT	Mr. Sai Nidhi	Tekhack 2019	Tekhack 2019
17	04/10/2019	10/4/2019	CIVIL	Mr. G Siva Rami Reddy	Challenges of A Civil Engineering in Current Industry	Challenges of A Civil Engineering in Current Industry (Design & Construction)
18	05/11/2019	11/5/2019	CSE	Mr. Sai Harsha Vardhan Tekkapalli	One day Technical Session on Hadoop Ecosystem and its Real time application	To make the students on Installation, Configuration, awareness and Practical sessions on Big data tools such as Hadoop, Pig and Hive etc.
19	07/11/2019	11/7/2019	EEE		Entrepreneurship Talk on Engineering Education	Expert Talks on Challenges and Opportunities to Enlighten Students on Engineering Education in the World
20	06/01/2020	1/6/2020	MBA	Mr. Vineeth Renikrindhi	GST- Overview	GST- Introduction, Registration, Challenges
21	10/01/2020	1/10/2020	ECE		Expert Lecture on NI ELVIS Emona Instruments	The NI Engg Lab Virtual Instrumentation Suite (NIELVIS) workstation provides a Collaborative learning experience for Students using remote server
22	23/01/2020	1/24/2020	IT		Free Learnathon on Robotic Process Automation	Full Study on Bot and its applications
23	25/01/2020	1/25/2020	CIVIL	Dr. J. Saindranath	Introduction to Remote Sensing for Civil Engineers	Remote sensing and geographical information system in Civil Engineering
24	02/10/2020	15/02/2020	IT		Machine Learning using Python on IBM cloud	6 day Workshop on Machine Learning using Python on IBM cloud

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
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	The Role Of Creativity In Career Development	22-07-2019	02-08-2019	119
2	Team Building	03-02-2020	14-02-2020	95

FOR FACULTY

S. No	From date	To date	Dept	Expert name	Title	Topic
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Events

S. No	From date	To date	Dept	Expert name	Title	Topic
1	24/01/2020	1/25/2020	MECH		Two day FDP- Workshop on Electro hydraulic and low cost automation for Mechanical Engineering in the era of Industrial Revolution 4.0	Introduction of low cost automation by using Electro- Hydraulic systems in the era of industry 4.0 revolution, Hands on training to develop simple hydraulic circuits

RESEARCH AND 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 has taken a quantum leap into Research and Development initiatives in recent years, constantly encouraging faculty and students for out-of-the-box thinking and generating new and revolutionary ideas to bring about societal change.

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.

Approved Research Centers

The following Departments are the recognized Research Centers of the Jawaharlal Nehru Technological University Hyderabad, Hyderabad (JNTUH) offering Ph.D. programs:









-  Department of Computer Science & Engineering
-  Department of Electronics & Communication Engineering
-  Department of Mechanical Engineering

Research Facilities

A facility is provided for both students and research associates to implement research-based projects under the guidance of faculty. It can be utilized by all the academic program students extensively for their project and research work.

Research and Education Centers

To meet the global and national standards IARE started the development of research centers in the campus. The following centers are established to allow faculties and students to share facilities, equipment, ideas, and innovation in the institution.

-  Center for Advanced Power Engineering Research (CAPER)
-  Center for Research on Alternative Energy Sources (Solar | Thermo Electric | Materials-STEM)
-  Center for Automation and Robotics (CAR)
-  Aerospace Research and Development Center (ARDC)
-  Advanced Concrete Research and Innovation Center (ACRIC)
-  Sensor, Instrumentation and Cyber Physical System Engineering Center (SeNSE) Artificial Intelligence Experience Center (AIEC)
-  Center of Excellence in Big Data & Data Science (B2DS)
-  Center for Environment, Climate and Global Change

GOVERNMENT FUNDED RESEARCH PROJECTS A.Y 2019-20

S. No	Principal Investigator	Title of the Project	Funding Agency	Fund Sanctioned (₹ In Lakhs)	Sanction Date
1	Mr. T. Mahesh	Development of Power Sharing Methods for Hybrid Multiple Sub Grids	JNTUH TEQIP-III	3	22-07-2019
2	Dr. G. Ramu	Facts in social media (FiSM): A Tool to Check Fake News using Cognitive Computing	DST	21.4	30-09-2019
3	Dr. K. Maruthupandiyar	Present Position and Future Prospects of Trained Manpower for Civil Aviation Sector in India	DST	36.2	7/10/2019
4	Dr Y. B. Sudhir Sastry	Impact of Automation in Indian Steel Industry – an Analytical Investigation.	DST	31.3	7/10/2019
5	Dr Manisha G	A Study on The Constraints in The Growth of Semiconductor Industries in Indian Context	DST	33.89	9/10/2019
6	Dr. D. Shobha Rani	Poverty Alleviation and Upliftment of Tribal Woman through Mechanized Manufacturing of Traditional Ornaments and Household Products	DST	160.1	2/3/2020

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

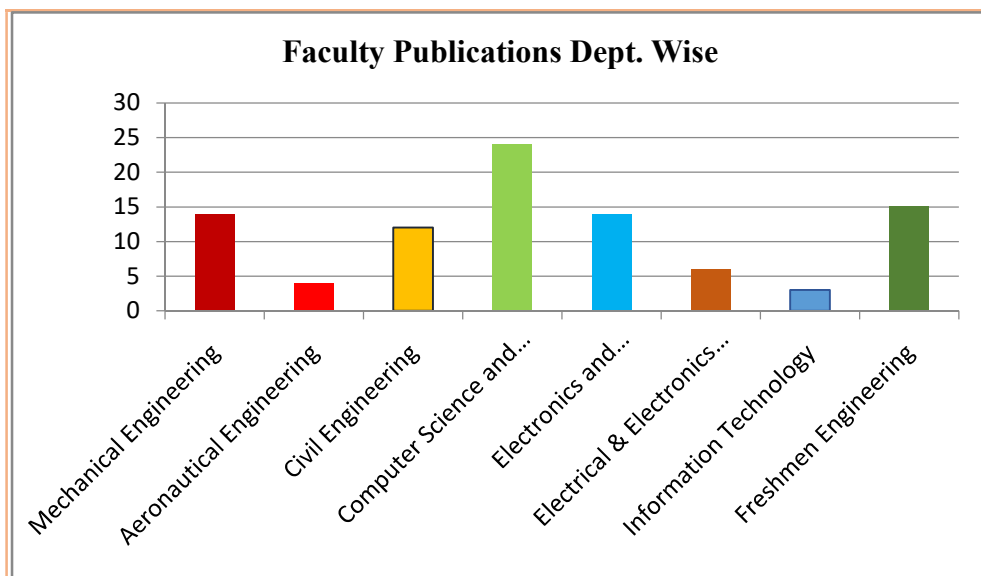
S No.	Principal Investigator	Title	Funding Agency	Fund Sanctioned (₹ In Lakhs)	Sanction Date
1	Dr D. Shobha Rani	Marg darshan	AICTE	26	6/9/2019
2	Dr P. Ram Mohan Rao	Modernization and Removal of Obsolescence Scheme (MODROBS)	AICTE	10	7/10/2019
3	Dr M. Madhu Bala	Modernization and Removal of Obsolescence Scheme (MODROBS)	AICTE	10	3/12/2019
4	Dr M. Madhu Bala	Short Term Training Program (STTP)	AICTE	2	12/12/2019
5	Dr P. Ram Mohan Rao	Short Term Training Program (STTP)	AICTE	3	10/1/2020
6	Dr. Y. Mohana Roopa	Short Term Training Program (STTP)	AICTE	4	20-07-2020
7	Dr. D. Shobha Rani	Short Term Training Program (STTP)	AICTE	4.5	20-07-2020
8	Dr. P. Sridhar	Modernization and Removal of Obsolescence Scheme (MODROBS)	AICTE	13.41	20-07-2020
9	Dr. M. Madhubala	ATAL FDP On Data Sciences	AICTE	2.1	20-07-2020
10	Dr M. Madhu Bala	Faculty Development Program (FDP)	AICTE	4.64	30-07-2020

Funding from Govt. for Incubation, Innovations and Entrepreneurship

S No.	Principal Investigator	Title	Funding Agency	Fund Sanctioned (₹ In Lakhs)	Sanction Date
1	Dr. J. Sirisha Devi	Technology Business Incubator (TBI)	MSME	92.24	27-05-2019
2	Dr. J. Sirisha Devi	Entrepreneurship Awareness Camp (EAC)	DST	0.4	12/8/2019
3	Dr. J. Sirisha Devi	Technology Based Entrepreneurship Development Program (TEDP)	DST	3	2/1/2020

FACULTY PUBLICATIONS IN JOURNALS

S.No	Department	Publications
1	Mechanical Engineering	14
2	Aeronautical Engineering	4
3	Civil Engineering	12
4	Computer Science and Engineering	24
5	Electronics and Communication Engineering	14
6	Electrical & Electronics Engineering	6
7	Information Technology	3
8	Freshmen Engineering	15
Total		92



FACULTY PUBLICATIONS

S. No	Authors	Title	Source title	Link
Mechanical Engineering				
1	Jaffery, H.A., Sabri, M.F.M., Said, S.M., Hasan, S.W., Sajid, I.H., Nordin, N.I.M., Megat Hasnan, M.M.I., Shnawah, D.A., Moorthy, C.V.	Electrochemical corrosion behavior of Sn-0.7Cu solder alloy with the addition of bismuth and iron	Journal of Alloys and Compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838819331652?via%3Dihub
2	Chinta, S., Mounika, S., Reddy, A.	Thermo physical properties of hybrid nano fluids	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A5240119119.pdf
3	Seshagiri Rao, G.V.R., Priyanka, V., Prasad, V.V.S.H.	Design and analysis of automobile bumper	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v9i1/G5615058719.pdf
4	Srinivas, V., Moorthy, C.V.K.N.S.N., Ravi Teja, S., Swathi, V., Sravya, D.N.V.	Prediction of thermo-physical properties of solar thermic fluids dispersed with carbon nanotubes using artificial neural networks	JP Journal of Heat and Mass Transfer	http://www.pphmj.com/abstract/12835.htm
5	Seshagiri Rao, G.V.R., Ali, M.A.	Design and analysis of flip type scrapper for belt conveyor system	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L28061081219.pdf
6	Moorthy, C.H.V.K.N.S.N., Srinivas, V., Ram Mohan Reddy, K.R.	Finite element method for the parametric exploration of domestic composite liquid petroleum gas cylinder with steel	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L38201081219.pdf
7	Kriyadeesh, A., Srinivas Rao, P., Labesh Kumar, C.	Optimization of input parameters with carbide inserts and HSS tool on CNC turning of EN19 steel	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L33741081219.pdf

S. No	Authors	Title	Source title	Link
8	Allamraju, K.V., Ravikumar, A.	Structural and thermal analysis of disc brake with drilled holes of various materials	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v8i10/J94390881019.pdf
9	Santhi Sree, N., Sudheer, N.V.V.S., Bhramara, P.	Experimental analysis of closed loop pulsating heat pipe with different working fluids at different inclinations	Journal of Advanced Research in Dynamical and Control Systems	https://www.jardcs.org/abstract.php?id=2446
10	Jayaraj, A., Moorthy, C.V.K.N.S.N., Venkataramana, V.S.N., Jaikumar, S., Srinivas, V.	Corrosion, mechanical and thermal properties of aluminium alloy metal matrix nano composites (AA-MMNCs) with multi-walled carbon nanotubes	SN Applied Sciences	https://link.springer.com/article/10.1007/s42452-020-3081-9
11	Prasad, V.V.S.H., Labesh Kumar, C., Sunil, B.D.Y., Seshagiri Rao, G.V.R.	Determination of optimal torque in thread rolling operation	International Journal of Engineering Trends and Technology	https://ijettjournal.org/archive/ijett-v68i5p202s
12	Jayaraj, A., Venkataramana, V.S.N., Moorthy, V.K.N.S.N., Srinivas, V.	Mechanical and thermal characteristics of stir casted nano composites based on lm 9 grade aluminium with a reinforcement of multi walled carbon nanotubes nanocomposites	International Journal of Mechanical and Production Engineering Research and Development	http://www.tjprc.org/publishpapers/2-67-1585043840-70.IJMPERDAPR202070.pdf
13	Moorthy, C.V.K.N.S.N., Kumar, G.N., Srinivas, V., Kumar, M.A., Reddy, K.R.R.M., Vasundhara, D.N., Sabri, M.F.M., Said, S.M.	Metallography, Microstructure, and Wear Analysis of AA 6063/TiC Composites for Augmented Dry Sliding Property at Room Temperature	Metallography, Microstructure, and Analysis	https://link.springer.com/article/10.1007/s13632-020-00625-6
14	V, S., A, J., V.S.N, V., H, R., Ch. V. K. N. S. N, M.	Mechanical, corrosion and cavitation erosion properties of LM 9 grade aluminium multi-walled carbon nanotubes composites	Australian Journal of Mechanical Engineering	https://www.tandfonline.com/doi/abs/10.1080/14484846.2020.1784557?journalCode=tmec20
Aeronautical Engineering				
1	Dwivedi, Y.D., Sudhir Sastry, Y.B.	An experimental flow field study of a bio-inspired corrugated wing at low Reynolds number	INCAS Bulletin	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073300316&doi=10.13111%2f2066-8201.2019.11.3.5&partnerID=40&md5=1a0bfd6d0d0ea6beea573444d38a673

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1	Mahesh Kumar, U., Baraik, S., Malagavelli, V.	Strength properties of concrete by using flyash, quarry dust and crumb rubber	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v9i1/L35681081219.pdf
2	Vikas, N., Krishna, G.R., Sateesh, N.	Flexural strength behavior of t-shaped beam-column joint with varying polypropylene fibre	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A4673119119.pdf
3	Kumar, K.S., Prasad, J.S.R., Malagavelli, V.	Non-linear static analysis of RCC framed structures with and without infill walls	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A5248119119.pdf
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7	Venugopal, K.K.M., Malagevelli, V., Prasad, J.S.R.	Hardened properties of concrete containing copper slag, rock dust and polypropylene fiber	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v8i12/K24360981119.pdf
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5	Basha, M.S., Mouleeswaran, S.K., Prasad, K.R.	Cluster tendency methods for visualizing the data partitions	International Journal of Innovative Technology and Exploring Engineering	https://www.ijitee.org/wp-content/uploads/papers/v8i11/K22850981119.pdf
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13	Gopatoti, A., Billa, P., Gopathoti, K.K.	Approximation layer based weighted average image fusion using guided filter for medical images	International Journal on Emerging Technologies	https://www.researchtrend.net/ije/t/pdf/Approximation%20Layer%20based%20Weighted%20Average%20Image%20Fusion%20using%20Guided%20Filter%20for%20Medical%20Images%20Anandbabu%20Gopatoti%202087j7.pdf
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2	Madhuravani, B., Chandra Sekhar Reddy, N., Sai Prasad, K., Dhanalaxmi, B., Uma Maheswari, V.	Strong and secure mechanism for data storage in cloud environment	International Journal of Advanced Trends in Computer Science and Engineering	http://www.warse.org/IJATCSE/static/pdf/file/ijatcse06813sl2019.pdf
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5	Korpi, A.G., Arman, A., JureÅ ka, S., Luna, C., Shakoury, R., Åĉ/lu, Åž., Rezaee, S., Ghosh, K., Sherafat, K., Sadeghi, M., Gopikishan, S.	Improving the corrosion resistance of Ni/Ss thin films by nitrogen ion implantation	Acta Physica Polonica A	http://przyrbwn.icm.edu.pl/APP/PDF/136/app136z3p24.pdf
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11	Vijayakumar, Y., Nagaraju, P., Yaragani, V., Parne, S.R., Awwad, N.S., Ramana Reddy, M.V.	Nanostructured Al and Fe co-doped ZnO thin films for enhanced ammonia detection	Physica B: Condensed Matter	https://www.sciencedirect.com/science/article/abs/pii/S0921452619308531
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13	Anitha Rani, V., Bharathi Kumari, Y.	One-pot synthesis of 1,2,4-triazine derivatives of 2-substituted benzamides in [BMIM][OH]	European Chemical Bulletin	https://www.eurchembull.com/2021/09/22/one-pot-synthesis-of-124-triazine-derivatives-of-2-substituted-benzamides-in-bmimoh/
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15	Udayalakshmi, C., Beebi, S., Sandhya Sri, P.B., Venkateswararao, V.N.S.R., Lakshmana Rao, G., Rambabu, C.	Thermo-physical, spectral evaluation of molecular interactions in liquid binaries of diethyl malonate and amides at temperatures (303.15, 308.15, 313.15, 318.15) K	Rasayan Journal of Chemistry	http://rasayanjournal.co.in/admin/php/upload/924_pdf.pdf

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INTERNATIONAL COLLABORATIONS

International academic exchange agreements between Institute of Aeronautical Engineering (IARE) with many top educational institutions around the world to study and gain in-depth exposure to a different study environment. This prepares the students to adapt to and excel in a global work environment, while helping them to understand different cultures, work styles, and mindsets. The Institute is developing various study abroad programs and expanding its research presence around the world.

S.No	Name of the University	Place
1	Nakhon Pathom Rajabhat University	Thailand.
2	King Mongkut's Institute of Technology	Thailand
3	Southern University and A&M College	Baton Rouge, USA
4	Center for Innovative Materials & Architectures	Ho Chi Minh City, Vietnam
5	University of Malaya	Malaysia
6	Institute of Technology Bandung	Indonesia
7	University of Alabama	USA
8	Nanyang Technological University	Singapore
9	Management & Science University	Malaysia

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UTILITY PATENTS					
S. No.	Title	Application No.	Current Status	Published/Granted Date	Publication/Granted number
1	System To obtain finite Gain and noise of an Electrocardiogram Amplifier	201941042674	Published	25-10-2019	43/2019
2	System and Method to improve performance of Amplifiers using bias current	201941042648	Published	25-10-2019	43/2019
3	System for reducing crosstalk delays in electronic devices using a cmos inverter	201941042515	Published	25-10-2019	43/2019
4	System for minimizing crosstalk effects of shells and designing multiwalled carbon nanotube models	201941042460	Published	25-10-2019	43/2019
5	System and method for tracking humans using real time bio-signals	201941042171	Published	25-10-2019	43/2019
6	Di-coptor and arms mechanism thereof	201741040612	Published	25-10-2019	43/2019
7	IoT based patient monitoring system using beagle bone black wireless (osd3358)	201941037002	Published	20-09-2019	38/2019
8	If-pot: intelligent fish pot to detect the five parameter using deep learning	201941036955	Published	20-09-2019	38/2019
9	I- image: intelligent image processing technology to detect the object	201941030859	Published	09-08-2019	32/2019
10	System and method for securing smart cards and transmitting vehicle events to users in real-time	201941030301	Published	09-08-2019	32/2019
11	Amd-data analysis: academy data analysis using machine learning, deep learning programming	2020102379	Granted	11-05-2020	AU2020102379A4
12	Real time crop monitoring using internet of things (IoT) based precision agriculture	202041004551	Published	07-02-2020	06/2020
13	Ar-mining technique : adaptive pso based association rule mining technique for software defect classification using ann	202041008893	Published	06-03-2020	10/2020
14	Aicch-robotic: robotic device driven by artificial intelligence (ai) capable of correlating historic events and academy institute /university	201921026606	Published	16-08-2019	33/2019
15	Iwf-jacket: intelligent bullet proof, wi-fi controle jacket	201941030919	Published	09-08-2019	32/2019
16	Ibdd-crop health: iot- based device to detect the crop health	202041012385	Published	15-05-2020	20/2020
17	Surrogated flow passage by non-winglet arrangement	202041003252	Published	07-02-2020	06/2020
18	I-automobile: intelligent automobile with combination of camera, radar , advanced sencer-q7 and radio frequency communication work together with sensor fusion.	201941050888	Published	20-12-2019	51/2019
19	Web based- irrigation services : advanced cloud based implementation of mashup, web based agriculture and irrigation services	202041001322	Published	17-01-2020	03/2020

UTILITY PATENTS					
S. No.	Title	Application No.	Current Status	Published/Granted Date	Publication/Granted number
20	Tn-joint pain system: joint pain treatment and notification using iot system	202041000847	Published	17-01-2020	03/2020
21	Smart grid integration : renewable based micro hybrid power system	201921045264	Published	15-11-2019	46/2019
22	Mechanical factors influencing success in root canal obturation	201921045260	Published	15-11-2019	46/2019
23	High performance dye sensitized solar cells using novel polymer quasi solid electrolytes	202011024263	Published	26-06-2020	26/2020
24	Is-fan: intelligent seiling fan	201911018925	Published	05-07-2019	27/2019
25	Automatic traffic control and traffic duty management technology	201911051405	Published	27-12-2019	52/2019
26	Aibia-driving: ai based intelligent alarm having an inbuilt sensor to prevent accidents while driving	201911034029	Published	06-09-2019	36/2019
27	Amd-data analysis:academy data analysis using machine learning, deep learning programming	2020102379	Published	11-05-2020	AU2020102379A4

DESIGN PATENTS					
S. No.	Title	Application No.	Current Status	Published/Granted Date	Publication/Granted number
1	Automatic Blackboard Cleaning Device	201941042674	Published	25-10-2019	43/2019
2	CNC Machine Operator Stand	201941042648	Published	25-10-2019	43/2019
3	CNC Machine Fixture	201941042515	Published	25-10-2019	43/2019
4	Switch Plate Column for CNC Machine	201941042460	Published	25-10-2019	43/2019
5	Train Sewerage Segregating Tank	201941042171	Published	25-10-2019	43/2019
6	Train Sewerage Segregating Tank	201741040612	Published	25-10-2019	43/2019
7	Train Sewerage Segregation System	201941037002	Published	20-09-2019	38/2019
8	Spindle Assembly for Automobiles	201941036955	Published	20-09-2019	38/2019
9	Bird Strike Protector Blade for Aircraft Engine	201941030859	Published	09-08-2019	32/2019
10	Bird strike protector blade cover for aircraft engine	201941030301	Published	09-08-2019	32/2019
11	Bird strike protector for Aircraft Engine	2020102379	Granted	11-05-2020	AU2020102379 A4
12	Wall Slot Cutter	202041004551	Published	07-02-2020	Jun-20
13	Card For Playing Game	202041008893	Published	06-03-2020	Oct-20
14	Card For Playing Game	201921026606	Published	16-08-2019	33/2019
15	Card For Playing Game	201941030919	Published	09-08-2019	32/2019
16	Card For Playing Game	202041012385	Published	15-05-2020	20/2020
17	Card For Playing Game	202041003252	Published	07-02-2020	Jun-20
18	Card For Playing Game	201941050888	Published	20-12-2019	51/2019
19	Card For Playing Game	202041001322	Published	17-01-2020	Mar-20
20	Card For Playing Game	202041000847	Published	17-01-2020	Mar-20
21	Card For Playing Game	201921045264	Published	15-11-2019	46/2019
22	Card For Playing Game	201921045260	Published	15-11-2019	46/2019

DESIGN PATENTS					
S. No.	Title	Application No.	Current Status	Published/Granted Date	Publication/Granted number
23	Card For Playing Game	202011024263	Published	26-06-2020	26/2020
24	Card For Playing Game	201911018925	Published	05-07-2019	27/2019
25	Card For Playing Game	201911051405	Published	27-12-2019	52/2019

COPY RIGHTS					
S. No.	Title	Dairy No.	RoC Number	Date of RoC	Category
1	Modal analysis of AE42 for Friction stir welding	13967/2019-CO/L	L-86249/2019	10-10-2019	Faculty ownership and Authorship
2	Modal analysis of Aluminium 6061-T6 similar metals for friction stir welding process	13964/2019-CO/L	L-86330/2019	15-10-2019	Faculty ownership and Authorship
3	Modal analysis friction stir welded dissimilar metals(AA6061-T6 and AE42) joint	13706/2019-CO/L	L-86994/2019	14-11-2019	Faculty ownership and Authorship
4	Programming for Problem Solving	15367/2019-CO/L	L-87180/2019	21-11-2019	Faculty Authorship
5	Basic Electrical Engineering	15407/2019-CO/L	L-87188/2019	21-11-2019	Faculty Authorship
6	Earthing and Grounding Practices	17834/2019-CO/L	L-89322/2020	11-02-2020	Faculty ownership and Authorship

Industrial Consultancy

Total Consultancy Projects : 20
Total Amount Received : ₹ 38.29 Lakh

S. No	Principal Investigator Name	Sanctioning Agency	Title of the R&D Project or Research Grant	Cost (Rs.)
1	Dr. P. Sridhar	Sandhya Electricals	Design and development of various electrical controllers for special purpose applications	50000
2	Mr. Lingaswamy	Axis power care systems, Hyderabad	Design and development of various electrical controllers for special purpose applications	20000
3	Dr P. Sridhar	Bhagyanagar Electricals	Design and development of various electrical controllers for special purpose applications	35000
4	Dr. Lalit Kaul	Seva Energie International, Hyderabad	Training program in Protections and Excitations for Sudan Engineers	120000
5	Dr. P. Munaswamy	Sunseas Tech Private Limited	Training on PCB	115000
6	Dr. JSR Prasad	MTE Industries, Hyderabad	Survey of total area for hostel building	50000
7	Dr. M. Venu	SAS Infra Projects, Hyderabad	Test report on safe bearing capacity of soil	32620
8	Dr. K. Shruti	Modi Properties	Detail soil investigation report	30210
9	Dr. JSR Prasad	My Home Group	Concrete-Rebound hammer and Ultrasonic pulse velocity	25600
10	Prof V V S H Prasad	MTE Industries, Hyderabad	Design and development of trirolling machine	750000
11	Prof EK Patro	Chebrolu Engineering College	Website Design and Maintainence	400000
12	Prof Radha Krishna	Chebrolu Engineering College	Office automation and Design	300000
13	Dr. K Srinivasa Reddy	Tata Consultancy Services	Infrastructure usage for online examinations	231600
14	Dr. P Sridhar	Marri Laxman Reddy Institute of Technology and Management	Erection of Electrical Machines Laboratory	50000
15	Dr. P Sridhar	MTE Industries, Hyderabad	Design and development of various electrical controllers for special purpose applications	50000

Research & Development

16	Dr P. Srinivasa Rao	MTE Industries, Hyderabad	Machining of CNC machine's components and accessories	77420.3
17	Dr. K Srinivasa Reddy	San Prints Private Limited	Infrastructure usage for online examinations	312781.5
18	Dr. K Srinivasa Reddy	Wal Grave Solutions Pvt. Ltd.	Infrastructure usage for online examinations	88000
19	Dr. K Srinivasa Reddy	Indian Institute of Sciences, Bangalore	Infrastructure usage for online examinations	91500
20	Dr. P. Munaswamy	Sunseas Tech Private Limited	Training on PCB	1000000

Grants Received

IARE has twelve sponsored research projects and has received grants of worth Rs. 558 lakhs for research and other activities by different agencies including DST, AICTE, UGC etc. The institute has a record of intellectual property with 4000+ research paper publications by faculty as well as students and 1500+ citations, 23 patents in last 5 years. Internal Revenue Generation through consultancy facilitates and promotes activities pertaining to energy audit, mobile apps, Golabs-BuildIT coding module, Intellect Campus Management and office automation, exam and result automation, drones in agriculture, agricultural tools, and material testing.

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** volumes 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.



Central Facilities

Library Collection:-

S.No	Course(s)	Number of		Journals	
		Titles	Volumes	National	International
1	Aeronautical Engineering	597	4857	12	3
2	Mechanical Engineering	699	6395	12	2
3	ECE	1051	9127	18	6
4	EEE	630	5054	6	6
5	CSE & IT	1300	11364	24	6
6	Civil	603	3579	12	2
7	Humanities & Basic Sciences	1238	7044	16	6
8	MBA	622	3103	12	6
M. TECH.					
1	M.Tech., Computer Science Engg.	268	1255	5	5
2	M.Tech., Aerospace Engg.	181	982	5	5
3	M.Tech., Software Engg.	169	986	5	5
4	M.Tech., Information Technology	132	572	5	5
5	M.Tech., VLSI	105	548	5	5
6	M.Tech., CAD/CAM	268	750	5	5
7	M.Tech Embedded systems	116	716	5	5
8	M.Tech Structural Engineering	112	623	5	5
9	M.Tech Power Electronics and Electrical Drives	108	320	5	5
10	TOTAL	7962	56155	157	88

<ul style="list-style-type: none"> • E- Library facilities 	<ul style="list-style-type: none"> ▪ Open Access Journals/Useful Links ▪ DELNET/Inter Library Loan ▪ NPTEL/MIT Video Courses ▪ JNTUH eLSDM e-Learning ▪ Scopus Database Access ▪ AICTE MOOC-SWAYAM ▪ National Digital Library Access
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INCUBATION SPACE

Maker Space, Technology Innovation and Incubation Centre, Science and Technology Start-Up Park, ASPIRE- TBI Centre, and Community Innovation Centre all contribute to the ecosystem of a technological campus incubator, assisting innovators and start-ups in attaining their goals.

S.No	Name of the Facility	Facilities
1	Maker Space	-10,000 sq. ft Area -Plant & Machinery for prototyping
2	Technology Innovation and incubation Centre (TIIC)	- 10,000 sq.ft area - Office space (70 seating capacity)
3	Science and Technology Startup Park (STSP)	- 7500 sq.ft Area - Office space (18 seating capacity)
4	MSME ASPIRE TBI (Funded by MSME)	- 6000 sq.ft Area - Infrastructure for Product Development - Machinery available for Smart Manufacturing
5	Common facilitation centre for SC/ST Women Empowerment (Funded by DST)	- 5000 sq.ft Area - Infrastructure (Garment & Textiles, Engineering & Design) – 51 Machinery available for training activities.

Central Facilities

MAKERS SPACE

This 10,000 Sq ft. exciting Makers space is furnished with equipment ranging from small 3D printers to large industrial machining centers, such as, precision measurement and laser cutting machines, Computer Numerical Control (CNC) machining, industry-standard lathes, milling machines and metal sheet cutters, rapid prototyping technology – multimaterial 3D printers, laser cutters and vacuum casting systems.



Key features of the space include:

- ✚ Product Design and Prototyping
- ✚ Industry Standard Computer Aided Design (CAD)
- ✚ Machining (CAM) Software
- ✚ CNC Machining
- ✚ Additive Manufacturing (3D Printing)
- ✚ Metalwork and Welding
- ✚ Electronics Design, Assembly, and Manufacturing
- ✚ Industrial Metrology (Measurement and Verification)



Central Facilities



Central Facilities

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 sq ft in institute premises. The TIIC centre enables the infrastructural support to students and faculty to convert their ideas into final products. This centre is recognized as business incubator by ministry of Micro Small and Medium Enterprises (MSME) through which any student, faculty and innovators can apply for seed fund and capital fund support. The ministry of MSME has sanctioned technology business incubator (TBI) with a grant of 92.47 lakhs to procure plant and machinery towards smart manufacturing sectors. In addition, the institute has the Maker Space, Science and Technology Start-Up Park, IPR cell and centre of excellences in all emerging areas of engineering to support students and faculty innovations. During the last five years 60 students/faculty innovations has been supported and generated 21 patents.

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.



Central Facilities

Steering Committee

The Innovation Steering Committee represents a guiding coalition to set innovation priorities, change the culture, allocate resources, and make decisions. The committee explores emerging innovations and effective practices, helps their stakeholders to understand the related challenges and opportunities. The Committee evaluates issues and challenges and makes recommendations to the Board / Management on innovation policies, plans, and tactics for addressing identified challenges and opportunities. The Committee may commission the annual operating and capital budgets approved by the Board.

S. No	Name	Designation	Organization	Role
1	Dr. L V Narasimha Prasad	Principal	IARE, Hyderabad	Chairman
2	Dr. M Pala Prasad Reddy	Associate Professor	IARE, Hyderabad	Convener
3	Sr. Ch Jayasimha Reddy	CEO	MTE Industries, Hyderabad	External member
4	Dr. Zahoorullah S MD	Chief Innovation Officer	Atal Incubation Centre ALEAP WE Hub, Supported by AIM NITI AAYOG GOI, Hyderabad.	External Member
5	Dr. Ch. Srinivasulu	Professor	IARE, Hyderabad	Internal Member
6	Dr. N Sambasiva Rao	Professor	IARE, Hyderabad	Internal Member
7	Dr. GVR Seshagiri Rao	Associate Professor	IARE, Hyderabad	Internal Member
8	Dr. Surekha Reddy B	Associate Professor	IARE, Hyderabad	Internal Member
9	Mr. N Venkata Rao	Assistant Professor	IARE, Hyderabad	Internal Member
10	Mr. V Raghavender	Assistant Professor	IARE, Hyderabad	Internal Member

Central Facilities

ECO SYSTEM

Innovation ecosystems create an active flow of information and resources for ideas to transform into reality. Through these ecosystems, we are building a process by which more innovators and entrepreneurs can develop and launch solutions to solve real-world problems, faster. This process creates expertise in new areas, helps to diversify the economy, and allows businesses to meet their customers where they are. Additionally, an innovation ecosystem provides the means to create economic stability and resource sharing.

Phase	Ecosystem Layer	Key Interventions
Pre- Incubation	Exposure / Culture- Building	Outreach to student Literacy program in Innovation/ IPR Engaging various Stakeholders Changing Mindset Conducive and creative environment
	Ideas / Innovation	Design Thinking & Ideation Problem solving skills Projects to proof of concepts Common infrastructure & resources Start-Ups and other business ideas Ecosystem Building IP Creation and Protection

Thrust Areas

- Smart Manufacturing
- Micro Air Vehicle (MAV) and Unmanned Air Vehicle (UAV)
- Waste Management
- Mobile Computing and Internet of Things (IOT)
- Artificial Intelligence and Machine Learning
- Cyber Security and Data Science
- Hybrid Electric Vehicles
- Sensors and Embedded Systems
- Agriculture and allied sectors
- Advanced Composite Materials
- Robotics and Automation
- Drone Technology
- Image Processing and Computer Processing

Call for Innovative Product Development Proposals from Faculty



IARE
Institute of Aeronautical Engineering

An Autonomous Institute
NAAC Accreditation with 'A' Grade
Accredited by NBA
Permanent Affiliation Status from JNTUH

IARE
TECHNOLOGY INNOVATION
AND INCUBATION CENTRE

**CALL FOR INNOVATIVE
PRODUCT DEVELOPMENT
PROPOSALS**

A SPECIAL CALL FOR FACULTY

TIIC centre welcome proposals for innovative product development in the fields of engineering & Technology and other emerging areas. All the faculty can submit their proposal in the prescribed format.

IARE- TIIC offers

- Incubation Space
- Seed Fund support upto Rs. 5 Lakhs
- Special incentives
- Mentoring and handholding support

We are reaching out to our creative and committed faculty who wish to create innovative solutions that can be used on an international scale.

You may have innovative idea, a relevant initiative or project, yet lack of funds, experience or professional tools to develop it into a strategic and sustainable plan. Our Innovation Centre can enable you to develop and implement your idea!

March 31 Deadline for submission of proposal
April 1 to 10 Secreeing of proposals
April 14 Announcement of Selected Proposals
April 20 Commencement of product development

For Submission of Proposals and Queries Contact
Dr. M. Pala Prasad Reddy
Dean- Technology Innovation and Incubation centre
+91-9491602701 / p.prasadreddy@iare.ac.in.com

Central Facilities

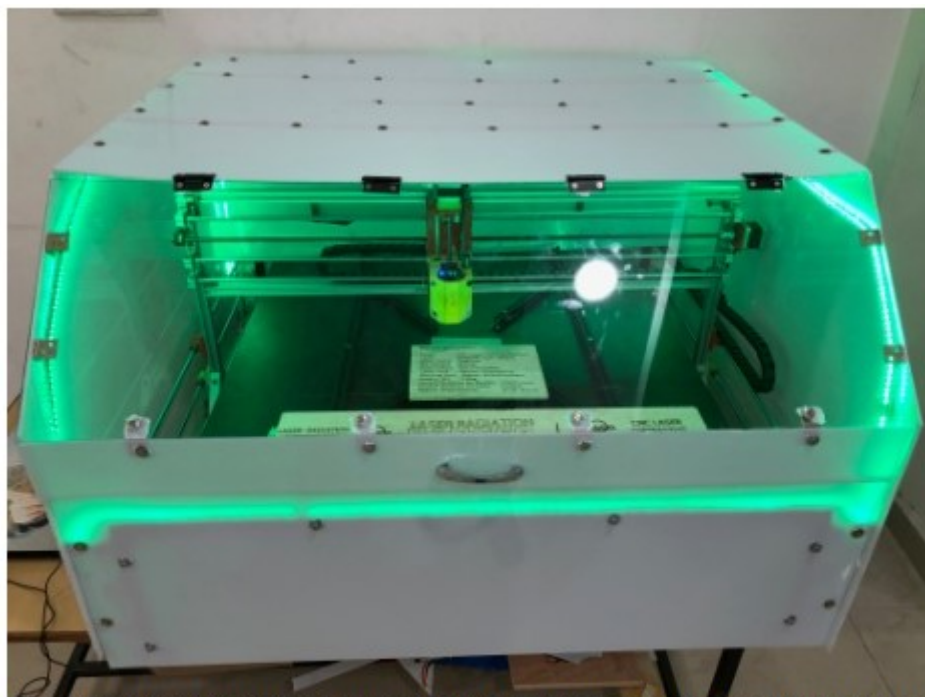
Products Developed



BIO-INSPIRED MICRO AIR VEHICLE



BLINDS APRON



CNC LASER CUTTING MACHINE WITH MULTIPLE OPERATIONS

Central Facilities



SOLAR POWERED TRICYCLE FOR PHYSICALLY CHALLENGED PERSONS

Central Facilities

STSP- Science and Technology Start-Up Park

Science and Technology Start-Up Park established in the year 2017 with an office space of 7500 Sq.ft for Incubation support within the premises of the Institute. STSP is pioneer in the region for supporting the entrepreneurs to establish successful business with a special focus on Smart Manufacturing and Unmanned Aerial Vehicles. The ecosystem for incubation program is Start-Up friendly with minimal overhead on Start-Up and benefits provided in terms of access to facilities and seed fund support.

The financial institutions like MSME, CITD, NRDC and DST extending their support for resource mobilization. To facilitate development of an entrepreneurial ecosystem, institute allocates a separate fund for supporting innovation and Start-Ups related activities which is approximately 1.5% of total annual budget of institute.

Objectives

- ✚ Skilling and training of students, faculty, Innovators and Entrepreneurs to take up Startup and Entrepreneurship which will be achieved by entrepreneurship and startup development program.
- ✚ Identifying ideas, Proof of Concepts (POC), prototypes and translating them into product development and MVP stages through TRL activities.
- ✚ To Establish world class Incubation centers supported by different Govt. Agencies like DST, MSME, NITI Aayog etc.
- ✚ Bridging the gap of research and commercialization of products flanking faculty members to adopt rather than sticking to research publications.
- ✚ Empowering startups for business technology and marketing support.
- ✚ Strengthening the partnerships with various stakeholders from industry, R & D, financial institutions and academia enabling a complete spinoff of synergies with mutual support and outcome.

Central Facilities

MSME ASPIRE TBI (Funded by MSME under ASPIRE Scheme):

Institute of Aeronautical Engineering established Technology Business Incubator (TBI) centre in the year 2019 with the support of Ministry of Micro, Small and Medium Enterprises (MSME) under A Scheme for Promotion of Innovation, Rural Industry & Entrepreneurship. The TBI centre is located in the premises of institute with a built-up area of 6,414 sft.

The TBI centre acts as a platform for the provision of developing the products and experiential learning so as to fulfill the objectives of the National Education Policy 2020. The Incubation Centre aims at fostering innovative research and entrepreneurial activities in Engineering and Technology. It provides a suitable platform for young entrepreneurs and converts their innovative ideas into high-quality products.

The chief objective of the centre is to encourage graduates to share their thoughts on the selected issues to review, refine, and process their ideas. Incubation centre emphasizes on providing an environment for the establishment of the proposed ideas and redesigning them to a level of business esteem. After fruitful and constructive incubation, the ideas will be Implemented and the incubatees will be directed towards setting up a business undertaking.

The present incubating facilities are shared with the Department of Agriculture, National Small Scale Industrial Consultancy (NSIC) in collaboration with various local agricultural departments, local farmers in the region. Many campaigning programs have been conducted across various engineering colleges to create awareness and sharpen the ideas in new incubate. IARE-TBI center initiates to organize various large-scal seminars, workshops, Technology Entrepreneurship Development Programs (TEDP). Entrepreneurship Sensitization Development Program (ESDP) in Telangana. These programs attract prospective entrepreneur to interact IARE-TBI center for skill and technology transfer in in building-up prototype models in smart manufacturing and agriculture.

Central Facilities

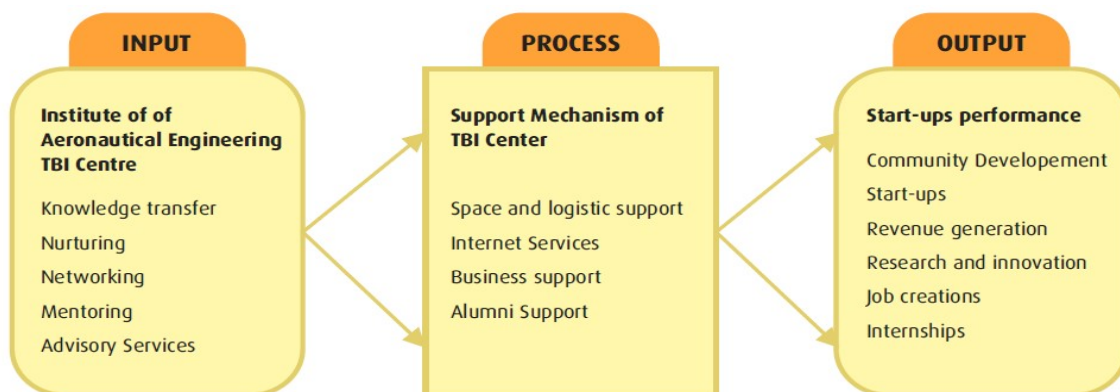


Objectives

The TBI under the ASPIRE is setup with the following objectives:

- ✚ To appraise the extent to which nurturing is influenced by research and innovation
- ✚ To investigate the effect of mentoring on entrepreneurship development and job creation
- ✚ To assess the impact of networking on business development
- ✚ To examine the relationship between knowledge transfer and commercialization of products.

Conceptual model of Institute of Aeronautical Engineering – TBI Centre:



PROJECT SANCTIONED UNDER MSME TECHNOLOGY BUSINESS INCUBATOR

Central Facilities

S No	Incubator Type	Funding Agency	Focus Area	Fund Sanctioned ₹ In Lakhs	Sanction Date
1	A Scheme for Promotion of Innovation, Rural Industries and Entrepreneurship (ASPIRE) – Technology Business Incubator	Ministry of Micro, Small & Medium Enterprises (MSME)	Agriculture and Smart Manufacturing	92.24	27-05-2019
Total				Rs 92.24 Lakhs	

SCHEMES SANCTIONED UNDER DST–NIMAT PROJECT:

S No	Principle Coordinator Name	Activity / Programme	No. of Events	Funding Agency	Fund Sanctioned ₹ In Lakhs	Sanction Date
1	Dr. E Sunitha	Impact of Lecture Series on Innovation, Startup and Intellectual Property	2	Institution's Innovation Council (IIC) - MHRD	40,000	02-03-2020
2	Dr. J Sirisha Devi	Technology Based Entrepreneurship Development Programme (TEDP)	1	DST–NIMAT	3,00,000	02-01-2020
3	Dr. J Sirisha Devi	Entrepreneurship Awareness Camp (EAC)	2	DST–NIMAT	40,000	12-08-2019
4	Dr. J Sirisha Devi	Entrepreneurship Awareness Camp (EAC)	2	DST–NIMAT	40,000	22-11-2018
5	Dr. J Sirisha Devi	Entrepreneurship Awareness Camp (EAC)	5	DST–NIMAT	1,00,000	06-07-2018
6	Dr. J Sirisha Devi	Faculty Development Programme (FDP) on Entrepreneurship	1	DST–NIMAT	2,50,000	06-07-2018
7	Dr. J Sirisha Devi	Entrepreneurship Awareness Camp (EAC)	6	DST–NIMAT	1,20,000	22-03-2018
Total					Rs 8,90,000	

COMPUTER CENTRE

At IARE, more than 80 air-conditioned computer laboratories across the campus housing over 1534 computers for use by the students and the staff. High-end, sophisticated computing facilities are available to meet academic and project requirements, and to encourage research activities.

Further, the computers providing an excellent computational environment comprise multiple operating systems Microsoft Windows, Linux and UNIX, and can be accessed from any of the nodes attached to the servers across the campus through UTP and fiber optic backbone.

SOFTWARE PACKAGES		
HYPER MESH	CADENCE	ANSYS
UNIGRAPHICS	PSCAD	STAADPRO
SOLID WORKS	MULTISIM	ECLIPSE
AUTODESK SUITE	MI-POWER	NASTRAN
XLINX	COMPUTER ASSISTED LANGUAGE	ADAMS
ORCAD	SOFTWARE DEFINED RADIO	NI LABVIEW
KEIL	CLEMENTINE	IBM WATSON ANALYTICS
RATIONAL ROSE	RATIONAL FUNCTIONAL TESTER	CATIA
MATLAB	SAP	NETBEANS 7.X WITH JAVA 7
ORACLE	INFORMATICA	AMAZON & ANEKA CLOUD
PYTHON	NODEJS ANGULARJS	AUTODESK REVIT
PROTEUS	AUTOCAD	VIVADO LATEST

ICT FACILITIES AT THE CAMPUS

Institute of Aeronautical Engineering, since last few years has given special thrust on development of state-of-the-art ICT Infrastructure and facilities for all the stakeholders of the University to improve the quality of teaching-learning process and students services. The Computer Centre has been entrusted to implement and maintain various innovative ICT infrastructure and facilities under the ICT Working Committee.

1. ICT enabled Smart Campus:

IARE initiated the process of converting the Campus to become a smart Campus as a part of the Digital India Programme. We have successfully achieved this mission with the implementation of the following ICT Infrastructure and facilities in the Campus. All the projects has been implemented through ICT.

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

The complete campus (academic and residential) has been made WI-FI enabled. All stakeholders including students, faculties, Officers and Non-teaching staff are now using the WI-FI facility from anywhere in the campus including all students hostels. The state-of-the-art secured WI-FI infrastructure has been developed using the International brand premium product lines.

3. Smart class room based teaching-learning environment

To improve the quality of teaching and learning process, use of ICT enabled teaching learning environment is necessary. The Institute has developed smart ICT enabled classroom with Internet connectivity, Projectors and sound system. Studio rooms with recording video lectures, archiving facilities with most sophisticated ICT tools. Teachers are now regularly used the ICT Facilities.

4. Mobile App

Institute of aeronautical Engineering to develop and deploy student friendly mobile apps for use by the student for instant transfer of message/notice and easy access to many other information, lodging complain / grievances etc. Students may download the mobile Apps from the Play store and install it to access to all types of students information relevant to the course of study.

5. 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.

Each faculty members and Research scholar have been provided with the best possible ICT infrastructure and equipment for their research with individual setup of Desktop, Laptop, Internet/ LAN facilities, WI-FI facilities, OFF-Campus access to e-Journals, printing etc.

6. Campus LAN and Internet Infrastructure

The Institute has campus wide LAN infrastructures (Switching Devices) with high speed state of the art switching devices CISCO to improve the availability, stability, speed and overall performance of the LAN and internet facilities. Presently, all the services are being provided with the new upgraded setup. All the departmental users have been given direct connectivity for high speed. The whole setup is kept on 24 hours including holidays.

The Institute has a 1 GBPS internet connectivity terminated at computer centre under NME-ICT & NKN project. For security and safety of the campus wide LAN setup the gateway lab is equipped with high end Router (MX80-Juniper), fortigate firewall, etc.

To protect the campus from external threat, viruses, spam Quick heal (anti-virus) has been introduced in serverbased system and to control the client computer throughout the campus in centralized control system.

IP based EPABX System (CISCO) have been implemented for both voice and Video conferencing (Multiparty) in the University Campus.

7. Intelligent Security and Surveillance System

A well planned and designed sophisticated Intelligent IP CCTV Surveillance system has been developed throughout the campus with access control, detection alarm, number plate detection etc. It is a Client Server based monitoring system with multiple view and access control. A total number of 115 IP Camera are in operation at present 24 hours across the campus.

8. Data Centre & Server Virtualization

To keep the Campus Data in Safe custody and to protect from external threat and to make the data highly available, Institute has developed Data Centre with State-of-the-Art server, storage and other Supporting devices. The Campus Data includes the CMS login data, Network Server Data, CCTV Contents.

9. Cashless Transaction facilities

The cashless transaction has been the prime aim of this Institute since long. Accordingly Institute has adopted all options to make the Institute cashless including admission and other fees through online payment mode. The Institute has agreement with HDFC to pay all fees online by students. Besides, most of the financial transactions among the Institute community have been made cashless.

Central Facilities

ICT Facilities

S No	Particulars	Count
1	Class Rooms with LCD facilities	63
2	Class Rooms with wi-fi/LAN facilities	63
3	Flipped Class Rooms	03
4	Seminar halls with ICT facilities	03
5	Studio Rooms	02
6	Conference Rooms with ICT facilities	09
7	Laboratories with ICT facilities	16

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

ALUMNI ASSOCIATION

Institute of Aeronautical Engineering conducts Alumni Meet every year, **2nd Saturday of December**. The event witnesses the alumni of IARE meeting at one place, sharing their experiences. The Alumni Meet is organized by the management, principal and staff of Institute of Aeronautical Engineering. More than 200 alumni attend the event every year to share their experiences with the juniors.

IARE Alumni Association aims to foster interactions and reinforce the bonds between alumni and the Institute through athletic and cultural activities, educational programs, and social services to nurture mutually beneficial relationships. It makes the Institute proud to know that its alumni are successful in their lives and careers by dint of their endeavours. The date and time of the meet will be well publicized and beforehand preparations are made for the success of the meet.

Our mission is to keep the latest information about IARE students at a common place, thus creating an active web community of IARE alumnus. The former students of IARE have been placed in various reputed companies and they set a good example for the students who take admission here.

OUTREACH PROGRAMS AND EXTENSION ACTIVITIES

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.

OUTREACH PROGRAMS

S. No	Name of the Activity	Organizing unit/ agency/ collaborating agency	Name of the Scheme	Date of the Activity
1	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Paderu Agency Area Andhra Pradesh State Visakhapatnam District	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Tribe Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	06-08-2019 to 09-08-2019
2	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Paderu Agency Area Andhra Pradesh State Visakhapatnam District	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Tribe Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	10-02-2020 to 15-02-2020
3	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Chelpoor High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	01-08-2019 to 03-08-2019
4	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Chityal High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	04-08-2019 to 06-08-2019
5	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Mahadevpur High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	29-08-2019 to 31-08-2019
6	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Tekumatla – Malharrao High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	01-09-2019 to 06-09-2019
7	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Ghanapur Mulug High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	04-10-2019 to 06-10-2019

Outreach Program and Extension Activities

S. No	Name of the Activity	Organizing unit/ agency/ collaborating agency	Name of the Scheme	Date of the Activity
8	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Kataram High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	23-11-2019 to 25-10-2019
9	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Mahamutharam - High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	17-02-2020 to 19-02-2020
10	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Regonda - High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	20-02-2020 to 22-02-2020
11	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Gollabuddaram - High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	15-02-2020 to 17-02-2020
12	A School awareness Program on Real-Time Applications of Sensor Based Smart Home Appliances at Mogulapally - High School Jayashanker Bhoopalapally District, Telangana	Institute of Aeronautical Engineering and ICPS- DST, Govt. of India New Delhi	Schedule Caste Category under Interdisciplinary Cyber Physical Systems, Govt. of India New Delhi	24-02-2020 to 26-02-2020

EXTENSION ACTIVITIES

S. No	Name of the Activity	Organizing unit/ agency/ collaborating agency	Name of the Scheme	Date of the Activity
1	Blood donation camp	Institute of Aeronautical Engineering and HDFC bank	NSS	24-07-2019
2	Development of life skills	Institute of Aeronautical Engineering	NSS	05-08-2019
3	Universal Human Values	Institute of Aeronautical Engineering	NSS	06-08-2019 to 07-08-2019
4	Motivation towards Positive Attitude and Interpersonal Skills	Institute of Aeronautical Engineering	NSS	08-08-2019
5	Enhancement of Literary skills	Institute of Aeronautical Engineering	NSS	12-08-2019
6	Success Mantra	Institute of Aeronautical Engineering	NSS	13-08-2019
7	Dress code of Patriotism	Institute of Aeronautical Engineering	NSS	13-08-2019
8	Heartfulness Meditation	Institute of Aeronautical Engineering	NSS	14-08-2019
9	Poster presentations on Swatch Bharat	Institute of Aeronautical Engineering	NSS	20-08-2019
10	Renovation of washrooms, staircase, garbage cleaning at Government primary high school. Mehdipatnam, Bojagutta	Institute of Aeronautical Engineering - Street Cause	NSS	04-09-2019
11	Haritha Haram-Tree plantation	Institute of Aeronautical Engineering	NSS	06-09-2019
12	Donation of Sports Equipment and RO Purifier Setup at Government Primary School (Girls), Chevelle	Institute of Aeronautical Engineering - Street Cause	NSS	29-09-2019
13	Distribution of Study material, Benches, RO Purifier, Sweekar Deaf and Dumb School, Bowenpally	Institute of Aeronautical Engineering - Street Cause	NSS	26-10-2019

Outreach Program and Extension Activities

S. No	Name of the Activity	Organizing unit/ agency/ collaborating agency	Name of the Scheme	Date of the Activity
14	Indian Red cross society membership drive	Institute of Aeronautical Engineering	NSS	05-11-2019
15	Donation of Water Purifier Setup at Government school, Chintal basthi	Street Cause IARE and Street Cause BVRIT	NSS	26-11-2019
16	Donation of water drums, study material, computers at Government School, Velmakanna	Street Cause IARE and Street Cause BVRIT	NSS	27-12-2019
17	Blanket Donation Drive 2019 Secunderabad Railway station	Institute of Aeronautical Engineering- Street Cause	NSS	28-12-2019
18	Essay writing competition	Institute of Aeronautical Engineering	NSS	18-02-2020
19	Heath checkup camp	Institute of Aeronautical Engineering and Malla Reddy Narayana Multispecialty hospital, Hyderabad	NSS	06-03-2020
20	Groceries Distribution Drive at Tara Orphanage, Bowenpally	Institute of Aeronautical Engineering- Street Cause	NSS	31-03-2020
21	Groceries Distribution Drive at Mother India Orphanage, Malkajgiri	Institute of Aeronautical Engineering- Street Cause	NSS	05-04-2020
22	Groceries Distribution Drive at Vivekananda Seva Sangham, Madinaguda	Institute of Aeronautical Engineering- Street Cause	NSS	07-04-2020
23	Groceries Distribution Drive at Divya Disha Orphanage, Sangareddy	Institute of Aeronautical Engineering- Street Cause	NSS	17-04-2020
24	Groceries Distribution Drive at Maruthi Orphanage, Miyapur	Institute of Aeronautical Engineering- Street Cause	NSS	26-04-2020
25	Groceries Distribution Drive at RK Puram, Sainikpuri	Institute of Aeronautical Engineering- Street Cause	NSS	03-05-2020

Outreach Program and Extension Activities

S. No	Name of the Activity	Organizing unit/ agency/ collaborating agency	Name of the Scheme	Date of the Activity
26	Groceries Distribution Drive at Harijan basthi cherukuthota colony, L.B nagar	Institute of Aeronautical Engineering- Street Cause	NSS	25-05-2020

GRADUATION DAY



ORIENTATION DAY



Football winners-KPRIT



Football runners-BVRIT, Narsapur



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