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Aero-Epistle

Aeronautical Engineering

News letter

“Altitude our Attitude”

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**HINDUSTHAN COLLEGE OF ENGINEERING
AND TECHNOLOGY**

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About The Department

The Department of Aeronautical Engineering is located in the sprawling campus of Hindusthan College of Engineering and Technology in Othakkalmandapam, Coimbatore. It was established in the year 2005 with a sanctioned intake of 60 students. The sanctioned intake increased to 120 from the academic year 2008-2009 onwards.

The Department has well equipped laboratories and good infrastructure to meet the Autonomous curriculum requirements and is managed by a dedicated team of teaching and non-teaching faculty of rich and varied experience. The department has its own library and also organizes Workshop, Seminars, Conferences and Symposium every year. The department is keen on providing impetus to the students for acquiring practical exposure from aviation companies. The department strives for development and all round excellence among the students and also aims at promoting meaningful object oriented academic interaction between students and faculty in a healthy atmosphere. It also helps to stimulate the creativity, individuality and group dynamism among students.

The Department arranges visits to Sullur Air Force Station, Yelahanka Air Force Station, ISRO – Satellite Center, Bangalore, Airforce Technical College, Jalahalli, every academic year for the industrial exposure of the students and faculties. The Department produces University rank holders every year. Funds have been granted by various government funding agencies like ISRO, IEI (Project Aid Scheme), AICTE (MODROBS & RPS Scheme) for workshop and research projects.

The Department is proud of its students serving in Air force and Indian navy. Students are also placed in defense research and development organization, Hindustan Aeronautics Limited, UTC Aerospace System India, Saffron Aerospace, Airbus Group India, BELL Helicopter India, GE, ALTRAN, Indigo Airlines, L&T Infotech, Infoview, CTS, Infosys, and so on. Some of the students are pursuing higher studies in IIT and foreign Universities.

Aeronautical Students Engineering Association (ASEA)

ASEA is the outcome of the efforts of students of Aeronautical Engineering of this college to showcase their technical aptitude. ASEA aims at organizing technical symposia, Seminars, Conferences, Workshops and Project fairs to keep abreast with the perpetually changing scenario of developments on the technological front. ASEA also proposes to organize guest lectures by distinguished academicians, field experts & renowned resource persons. ASEA preaches and practices unity among all students of Aeronautical Engineering of this college and also nurtures cordial relationship among them.

Shock Aeronz' 19

The Aeronautical department symposium, SHOCKAERONZ'19 was held on 23rd February 2019.

The Chief guest for the inaugural function of this memorable event was **Lt.Cdr.M.Hanu Vignesh**.

We had a total number of 150 participants from various colleges all over India. The events organized at the symposium were:

- Paper presentation
- Flight Simulation
- CADD Contest
- Water Rocketry
- Aero Modeling
- Technical Quiz

Faculty Publications in International Journals

S.NO	Name of the Faculty	Title of the Paper	Name of the Journal	Volume/Issue/ISSN/PP/Year
1	C. Suresh	Predction and optimization of CI engines performance fuelled with calophyllumincophylla m diesel blend using RSM	Enviromental science and Pollution research	25/1/248527-24844648
2	A.Kuppuraj	Numerical roles On Role Of Slots – Aerodynamics Of Rectangular Wing	IJMPERD	2249-6890
3	A.Kuppuraj	Numerical analysis on inlet design andStarting mach number of scramjet engine	IJMPERD	2249-6890
4	A.Kuppuraj	Numerical Analysis On Supersonic Secondary Flow Injection - Tvc	IJMPERD	2249-6890

Faculty Participation In International/National Conference

S.No	Name of the Faculty	Title of the Paper	Name of the Conference	Organised by
1.	Kuppuraj.A	Numerical Analysis On Supersonic Secondary Flow Injection - Tvc	I-STEM 2018	Kumaraguru College of Technology Coimbatore,
2.	Kuppuraj.A	Computational Study On Role Of Slots – Aerodynamics Of Rectangular Wing	I-STEM 2018	Kumaraguru College of Technology Coimbatore,
3.	Kuppuraj.A	Numerical analysis on role of pimples on Space vehicles during ballistic entry	I-STEM 2018	Kumaraguru College of Technology Coimbatore,
4.	Kuppuraj.A	Numerical analysis on inlet design and Starting mach number of scramjet engine	I-STEM 2018	Kumaraguru College of Technology Coimbatore,

Faculty Development Program

S.NO	NAME OF THE FACULTY	NPTEL COURSE
1	Mr.V.T.Gopinathan	Teaching and Learning in Engineering
2	Ms.Shyamila.S.P	Teaching and Learning in Engineering
3	Mr. S.Sivaraman	Enhancing Soft Skills and Personality
4	Mrs.T.Vijayalakshmi	Enhancing Soft Skills and Personality
5	Mr. R. Veeramanikandan	Advance Aircraft Maintenance
6	Mr.M.Ganesh	Advance Aircraft Maintenance
7	Mr.K.K.Arunraja	Advance Aircraft Maintenance
8	Mr.T.Arulmozhinathan	Advance Aircraft Maintenance

Events Organised

Academic year : 2018-2019

S.No	Name of the Event	Source of Funding	Resource Persons / Experts	Date
1.	“Two days workshop on Glider making”	Management, Hindusthan college of Engineering and Technology, Coimbatore	Mr.Senthil Kumar.S.K Director , Wright Flyers & Hobby, Chennai.	1 st and 2 nd February 2019
2.	Guest Lecture	Management, Hindusthan college of Engineering and Technology, Coimbatore	Dr.Bruce Ralphin Rose, Assistant Professor, Dept of Mechanical Engineering, Anna University, Regional Campus, Tirunelveli.	19 th January 2019
3.	Seminar on Software Awareness	Management, Hindusthan college of Engineering and Technology, Coimbatore	Mr. V.Alaguraj, Founder, Mach Engineers, Peelamedu, Coimbatore.	15 th February 2019
4.	National Level Technical Symposium	Management, Hindusthan college of Engineering and Technology, Coimbatore	Lt.Cdr.M.Hanu Vignesh	23 rd February 2019

Placement Details (2018 – 2019)

S.No	Register No	Name	Company
1	720715101008	Anjali R	CTS
2	720715101038	Janatha C	CTS
3	720715101043	Jeyameena M	CTS
4	720715101086	Sharmila Devi E	CTS
5	720715101091	Sriram B	CTS
6	720715101095	Vargesh Irudhayaraj F	CTS
7	720715101005	Angeetha M	L & T Info Tech
8	720715101021	Bensha S P	L & T Info Tech
9	720715101076	Santhiya Devi R	L & T Info Tech

Students Achievements

S n o	Name of the Student	Event	Awarded by (Name of the organization)	Place Won
1	Inthres P	Carrom (Doubles) in State Level Championship 2019	Tamilnadu Youth & Sports Association, Salem	First
2	Inthres P	Carrom (Singles) in State Level Championship 2019	Tamilnadu Youth & Sports Association, Salem	First
3	Eby Roy M	Carrom (Doubles) in District level Carrom Tournament 2019	Virudhunagar District Carrom Association	First
4	Eby Roy M	Carrom (Singles) in District level Carrom Tournament 2019	Virudhunagar District Carrom Association	Second
5	Hari Priya S	Weight Lifting in “Hon’ble Chief Minister Trophy Competitions 2019”	Sports Development Authority of Tamilnadu, Dharmapuri	First

Department Toppers (2018 – 2019)

S.No	Register No.	Name of the Student	Year	Marks in CGPA
1.	720715101022	Beula rose J	Final Year (2015-2019)	8.52
2.	16101036	Gokulnath.T	Third year (2016-2020)	8.75
3.	17101025	T.V.Divya	Second year (2017-2021)	9.37

Internship program

S.no	Name of the student	Year & Sem	Company
1	M.Arunkumar	III Year / VI Sem	TVS
2	S.Chathura Girish		
3	E.Dhanasekaran		
4	B.Gokul Krishnan		
5	N.R.Jeevanandan		
6	Kathiresan		
7	T.Dheena Thayalan		
8	R.Naveenkumar		

Internship program

S.no	Name of the student	Year & Sem	Company
9	Ajith G	III Year VI Sem	Barola Technologies, Chennai
10	Chinniah K		
11	Inthres P		
12	Kaliraja R		
13	Kishorkumar R		
14	Kishor Kumar S		
15	Aakesh S		
16	Akash R		
17	Jokin Prabhu S		
18	Manjari S	II Year IV Sem	KaaShiv Info Tech, Chennai
19	Divya T V		
20	Lalitha Priya B		
21	Monika J	III Year VI Sem	
22	Sahana R		

Internship program

S.no	Name of the student	Year & Sem	Company
23	Aathira K R	IV Year / VII Sem	Cochin Shipyard Limited, Cochin
24	Sneha Latha		
25	Ebin M J		
26	Bensha S P		
27	Sankaranarayanan M	IV Year / VII Sem	Frank Technologies Pvt Ltd, Coimbatore
28	Nazarin Rupya A		
29	Preetha B		
30	Vasanth M		
31	E.Dhanasekaran	III Year / VI Sem	LUCAS - TVS
32	T.Gokulnath		
33	L.Gunavathy		
34	V.Kamesh		
35	S.Krishnan		
36	G.Logeswari		

Internship program

S.no	Name of the student	Year & Sem	Company
37	G.Logeswari	III Year / VI Sem	IIT Madras
38	Prasanna Akash Kumar S	IV Year / VII Sem	Sterna Security Device Pvt Ltd,
39	K.K.Adharsh	III Year / VI Sem	IIT Goa
40	V.V.Akshay		
41	T.Gokulnath	III Year / VI Sem	HAL Helicopter Division
42	S.Krishnan		
43	M.Loganathan		
44	A.Raja Mohamed		
45	Akash Agarwal	III Year / VI Sem	HAL ARDC Division
46	P.I.Alex		
47	N.Nagarajan		
48	Joepaul Thazhatha		
49	V.Kamesh	III Year / VI Sem	Nuberg Engineering Limited
50	Subramani Sanjeev	III Year / VI Sem	Air Works India Pvt Ltd
51	J.Abdul Kadhar Jailani		

Internship program

S.no	Name of the student	Year & Sem	Company
52	P.Amana Roselin	III Year / VI Sem	Integral Coach Factory
53	T.A.Anuradhastee		
54	F.Demetrius Baggio		
55	I.Dinesh		
56	L.Gunavathy		
57	S.Kaviraj		
58	Meenu Kuruvilla	III Year / VI Sem	Cochin International Airport Limited
59	M.Veera Raghavan	III Year / VI Sem	MM Gears Pvt Ltd
60	S.Ariprasath		
61	P.Pradeep		
62	M.Arulmani		
63	A.Benedict Gladwin Immanuel		

Gallery

Glider Workshop

