



## ***Hindusthan College of Engineering and Technology***

(Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC,  
An Autonomous Institution, Accredited by NBA, Affiliated to Anna University, Chennai)  
Othakkalmandapam, Coimbatore-641032, www.hindusthan.net

### **Academic Audit (Academic year: 2018 - 2019)**

**Name of the Department** : AERONAUTICAL ENGINEERING

**Year of Establishment** : 2005

#### **Programmes offered by the Department**

UG & Year of Establishment	PG & Year of Establishment
BE AERONAUTICAL ENGINEERING	-

#### **VISION**

To be a global player and to prepare the students with skills and knowledge for their successful deployment in the Aeronautical engineering.

#### **MISSION**

- To develop the students as innovative engineers to address the contemporary issues in the Aeronautical field.
- To expose the students to the current trends and opportunities in the global Aerospace industry.
- To inculcate professional responsibility based on an innate ethical value system.

#### **Program Educational Objective (PEO)**

PEO 1: Graduates shall exhibit their sound theoretical, practical skills and knowledge for successful employments or higher studies or research or entrepreneurial assignments.

PEO 2: Graduates shall have lifelong learning skills, professional ethics and good communication capabilities along with entrepreneur skills and leadership, so that they can succeed in their life.

PEO 3: Graduates shall become leaders and innovators by devising engineering solutions for social issues and problems, thus caring.

#### **Program Outcomes (PO)**

Engineering Graduates will be able to:

- Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
- Problem analysis:** Identify, formulate, research literature, and analyse complex

engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

- c. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
- d. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- e. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.
- f. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- g. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- h. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- i. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- j. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- k. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- l. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

#### Program Specific Outcomes (PSO)

**PSO 1:** Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an Engineering specialization to the solution of complex Engineering problems.

**PSO 2:** Use research-based knowledge and research methods including design, experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.



**(A) GENERAL INFORMATION OF THE DEPARTMENT**

1. Head of the Department : Dr. Pradhapraj M
2. Intake for the current year :                      UG :    120                      PG :-
3. Number of Students

UG	I Year:	95	II Year:	107	III Year:	107	IV year:	114
PG	NIL							

Based on Gender				
UG	Year	Male	Female	Total
	I year	76	19	95
	II year	92	15	107
	III year	92	15	107
	IV year	91	23	114
PG	I year	NIL		
	II year			

Based on Territory				
UG	Year	Tamil Nadu	Other States	Total
	I year	77	18	95
	II year	101	6	107
	III year	88	19	107
	IV year	104	10	114
PG	I year	NIL		
	II year			

Based on Community								
UG	Year	OC	BC	BCM	MBC	SC	ST	Total
	I year	25	39	5	14	11	1	95
	II year	10	52	5	28	12	-	107
	III year	20	45	6	22	13	1	107
	IV year	8	61	2	30	11	2	114
PG	I year	NIL						
	II year							

4. Number of the Faculty Members

Male	Female	Total
14	4	18

Designation	Required as per norms	Available	Vacant if any
Professor	2	1	1
Associate Professor	4	2	2
Assistant Professor	12	15	-
Total	18	18	-

5. Faculty profile with name, qualification, designation and experience

S.No	Name of the Faculty	Qualification	Designation	Years of Experience
1.	Dr.Pradhapraj.M	M.E., Ph.D.	Professor and HoD	14.9
2.	Mr.Gopinathan.V T	M.E.	Assosiate Professor	10.7
3.	Mr.Ganesh.M	M.E.	Assosiate Professor	11.4
4.	Mr.Veeramanikandan.R	M.E.	Assistant Professor	6.11
5.	Mr.R.Saravanan	M.E.	Assistant Professor	6.11
6.	Ms.Shabhana	M.E.	Assistant Professor	6.11
7.	Ms.P.Suganya	M.E.	Assistant Professor	6.11
8.	Mrs.T.Vijayalakshmi	M.E.	Assistant Professor	8.11
9.	Mr.Arun Raja K K	M.Tech	Assistant Professor	5.11
10.	Mr.Suresh C	M.E.	Assistant Professor	6.11
11.	Mr.Manoj kumar K	M.Tech	Assistant Professor	4.11
12.	Mr.S.Sivaraman	M.Tech	Assistant Professor	6.4
13.	Mr.Ziaullah Sheriff	M.Tech	Assistant Professor	4.11
14.	Mr.V.Saravana kumar	M.E.	Assistant Professor	3.4
15.	Mr.M.Magesh kumar	M.E.	Assistant Professor	3.11
16.	Mr.Kuppu raj A	M.E.	Assistant Professor	6.11
17.	Mr.T.Arulmozhinathan	M.E.	Assistant Professor	2.11
18.	Ms.S P Shyamila	M.E.	Assistant Professor	2.11

6. Number of the Faculty Members awarded in the current Academic Year

	Full Time	Part Time	Total
PDF	-	-	-
PhD	-	-	-
Recognized Guides	-	-	-
Others	-	-	-

7. Number of Faculty Members Pursuing in the current Academic Year

	Full Time	Part Time	Total
PDF	-	-	-
PhD	-	4	4
Recognized Guides	-	-	-
Others	-	-	-

8. List of visiting Fellows/ Adjunct Faculty

S.No	Name of visiting /Teachers, Adjunct and Emeritus Professors	Designation/Address
	NIL	

9. Professional Body Membership details of Faculty Members

S. No	Name of Faculty	Membership in professional bodies	Membership Number
1.	Dr.Pradhapraj.M	Indian Society of Technical Education	LM69393
		Solar Energy Society of India	LM/1753/2012



S. No	Name of Faculty	Membership in professional bodies	Membership Number
		The Aeronautical Society of India	M19194
		The Institute of Engineers	M-152322-2
2.	Mr.Gopinathan.V T	Aeronautical Society of India	AM- 7087
		Institution of Engineers (India)	M-1565510
		Institute for Engineering Research and Publications	PM-62034895
3.	Mr.Ganesh.M	Indian Society of Technical Education	LM 98645
4.	Mr.Veeramanikandan.R	Aeronautical Society of India	AM7320
		International Society for Research and Development	M4150902172
5.	Mr.R.Saravanan	Indian Society of Technical Education	LM 98645
6.	Ms.Shabhana	American Institute of Aeronautics and Astronautics	506897
7.	Ms.P.Suganya	American Institute of Aeronautics and Astronautics	507133
8.	Mrs.T.Vijayalakshmi	Indian Society of Technical Education	LM 98889
9.	Mr.Arun Raja K K	Indian Society of Technical Education	LM 98886
10.	Mr.Suresh C	Indian Society of Technical Education	LM98890
		Institute of Research Engineers and Doctors	AM10100052239
11.	Mr.Manoj kumar K	Indian Society of Technical Education	LM 98887
		Institute of Research Engineers and Doctors	AM10100052682
12.	Mr.S.Sivaraman	Institute For Engineering Research and Publication	PM49580263
		Institute of Research Engineers and Doctors	AM10100052362
13.	Mr.V.Saravana kumar	Iconic I T Professional Society	IIPS M0102
		Wings of Aero	ISAE1024
14.	Mr.T.Arulmozhinathan	Institution of Engineers	AM1987995
		International Association of Engineers	288719

10. Information about research grants, projects completed / ongoing during the current year from National funding Agencies only (like AICTE, UGC, CSIR, DST, DBT, & others etc.,)

S.No	Name of the principal Investigator & CO-Investigator	Title of the project	Funding Agency, Duration & Date of Sanction	Amount (in Lakh)	Completed/ On-going
NIL					

11. Awards / Prizes / recognitions received by teachers at national and international level / professional societies

S. No	Name of Faculty	Date of Award	Name of the Award	Name of the Professional Society
NIL				

12. Details of faculty members who acted as resource persons for Orientation courses, Seminars, Guest Lectures, Workshops, Conferences at national and international levels (Outside the parent institutions)

S.No	Name of Staff	Date	Title of the FDP/Seminar/ Workshop/STTP/ Training program	Name of Organizing Institute	Place
1	GOPINATHAN V T	28.08.2018	Aircraft Stability and Control	Karpagam University	Coimbatore
2	SURESH C	30.08.2018	Introduction to Aerodynamics	Mahendra College of Engineering	Namakkal

13. Participation of faculty members in various academic activities as members of committees at other Institutions like BoS, Academic Council, etc.,

S. No	Name of the Faculty Members	Name of the body / committee the teacher participated
NIL		

14. Details of faculty members appointed/nominated on Editorial Boards of peer reviewed journals/ International conferences

S. No	Name of the Faculty Members	Name of Editorial Boards of peer reviewed journals & National/International conference
NIL		

15. Details of Number of Research Scholars Produced & Ongoing Details:

S.No.	Name of the Faculty	Awards			PhD		Projects			
		State	National	International	Produced	Ongoing	Major	Minor	Amount (inRs.)	
		NIL								

16. Details of Seminars / Conferences/ Workshops /Guest Lectures organized by the faculty members with funding from Government / NGOs / Management

S. No	Name of Conference / Seminars / Workshops / Guest Lectures	Date	No. of beneficiaries	Funding agency
1.	Two day workshop on Glider making	01 & 02.02.2019	110	Management
2.	Aerodynamics of an Airplane wing	09.02.2019	85	Management



17. Details of the Faculty Members attended Training on both Industry and Academia

S. No	Date	Name of the Faculty	Name of the Industry	Outcomes of the visits
NIL				

18. Details of the Faculty Members participated in FDP/Seminar/Workshop/STTP/ Training program

S. No	Name of Staff	Date	Title of the FDP/Seminar/Workshop /STTP/ Training program	Name of Organizing Institute	Place
<b>Workshops</b>					
NIL					
<b>Seminars</b>					
NIL					
<b>FDPs/SDPs</b>					
1.	Mr. Gopinathan V T	4 weeks	Teaching and Learning in Engineering	NPTEL	Online
2.	Mr. Ganesh M	8 weeks	Aircraft Maintenance	NPTEL	Online
3.	Mr. Veeramanikandan. R	4 weeks	Teaching and Learning in Engineering	NPTEL	Online
4.	Mr. Saravanan R	8 weeks	Machine learning	NPTEL	Online
5.	Mrs.Vijayalakshmi. T	8 weeks	Enhancing Soft skills and development	NPTEL	Online
6.	Mr. Arun Raja K K	8 weeks	Aircraft Maintenance	NPTEL	Online
7.	Mr. Sivaraman S	8 weeks	Enhancing Soft skills and development	NPTEL	Online
8.	Mr. Arulmozhinathan T	8 weeks	Aircraft Maintenance	NPTEL	Online
9.	Ms. Shyamila S P	4 weeks	Teaching and Learning in Engineering	NPTEL	Online

19. Details of Papers/ Journal Publications /conferences

S.No.	Name of the Faculty	Journals			Conference			Publications with Impact/ISSN/ISBN	
		International	National	State	International	National	State	Books	Articles
1	Mr.Suresh C	1							
2	Mr.Kuppuraj A	3			4				

\* Proof of First page of Journal details are to be attached separately

20. Number of Academic support staff (technical) and administrative staff

S. No	Name	Designation	Qualification	Experience
1.	Mr. Madhusoodhanan. T K	Aircraft Technician	DME	23 Years
2.	Mr. Senthilkumar. S	Junior Hardware Engineer	DCT	13 Years
3.	Mr. Chinnaraja M	Lab Technician	B.E	1
4.	Mr. Hariharan P	Lab Technician	DME	-
5.	Mr. Murugan.G A	Attender	SSLC	7 Years

21. MoU's Details

S.No	Name of the Company	Year of MoU signed
1.	Wright Flyers Hobby , Chennai	11.01.2019

22. Academic Toppers Details

S.No	Name of the Student	Class & Section	Percentage
1.	Vargesh Irudhaya Raj F	IV AERO B	8.12
2.	Sharmila Devi E	IV AERO B	7.89
3.	Jeyameena M	IV AERO A	7.83
4.	Beula Rose J	IV AERO A	8.04

23. Student Placement Details

Total number of students	Total number of eligible students	Total number of placed students	Percentage of Placed
114	81	9	11.11

\* List are to be attached separately

24. Student Higher Studies Details

Name of students doing higher studies (UG to PG)	Name of students doing higher studies (PG to PhD)	Name of students inside India	Name of students outside India
BHARATH PEARLWIN RAJ S	-	MANI KANDAN A	BHARATH PEARLWIN RAJ S
MANI KANDAN A		PRAVEENA S	DIVYA M
PRAVEENA S		SIVARAMRAJ M	
SIVARAMRAJ M			
DIVYA M			



### (B) CURRICULAR ASPECTS

1. Year in which the present syllabi has been revised:
2. Course /Topics included in the revised syllabus:
3. Curriculum & Syllabus standard on par with National/International standard benchmark following CBCS, OBE, and Blooms Taxonomy concepts: Y/N
4. Is overall curriculum and Syllabus focus towards Institutional Graduate Attributes: Y/N

S.NO	Descriptions	Y/N
1	Standard of the syllabi	Y
2	Relevance of the syllabus for Industrial Need	Y
3	Standard of Electives	Y
4	Standard of Learning resources used	Y
5	Course Objectives and Outcomes	Y
6	Mapping done on par with Course Outcome	Y
7	Focus of curriculum and Syllabus towards Institutional Graduate Attributes	Y
8	Standard of Counselling records	Y
9	Industrial visits up to the mark of need based technology	Y
10	Digital tool usage in syllabi	Y
11	Consulting Industrial experts to frame curriculum and Syllabus	Y
12	Consulting Academic experts to frame curriculum and Syllabus	Y
13	Consulting Alumni to frame curriculum and Syllabus	Y
Comments : ① Foreign languages Can be Provided to Empower Job opportunities in Abroad.		

**(C) TEACHING, LEARNING AND EVALUATION**

S.NO	Descriptions	Y/N
1	Academic Calendar	Y
2	Allotment of teaching Hours for each subject is sufficient	Y
3	Maintenance of log book	Y
4	Standard of delivering the lectures by the staff members	Y
5	Sufficient number of assignment/seminars delivered by the students in each subject	Y
6	List of Learning resources available	Y
7	Coverage of the syllabus in time	Y
8	Content beyond the syllabus	Y
9	Usage of ICT tools	Y
10	Mapping done on par with Program outcomes and Course Outcomes	Y
11	Mapping done on par with Program Specific outcomes and Course Outcomes	Y
12	Standard of Question paper	Y
13	Result analysis	Y
14	Is proper corrective action initiated	Y
15	Level of Remedial records	Y
16	Periodical department discussion of academic progress [Minutes of meeting]	Y
17	Industrial visits organized	Y
18	Special attention taken on slow learners/remedial record	Y
19	Feedback analysis 1. Parents Feedback 2. Students Feedback 3. Employee Feedback 4. Academic Experts Feedback	Y

**Comments :**

- ① Few attendance entries were found to be mismatching and same is rectified.
- ② Few regular absent students were marked as present and they are justified.
- ③ Missing Many Attendance in e-campus are found and those entries were entered in e-campus and same is justified.



**(D) INFRASTRUCTURAL FACILITIES**

S.NO	Infrastructural facilities	Y/N
1	Adequate No. of Class Rooms/ Staff Room	Y
2	Adequate No. of books	Y
3	Adequate No. of Periodicals/Journals	Y
4	Adequate No. of Teaching Aids	Y
5	Adequate No. of Computers in the Lab	Y
6	Adequate Laboratory Equipment and facilities	Y
7	Adequate Budget/ Fund allotted to the Department	Y
Comments : No. of Research Journals can be Improved.		

**1. Details of the laboratories in the department**

S. No	Name of the Laboratory	Area (m <sup>2</sup> )
1.	Computer Laboratory	121.42
2.	Aircraft Structures Laboratory	181.32
3.	Thermodynamics Laboratory	151.15
4.	Aircraft Design Laboratory	151.37
5.	Aero Engine and Airframe Laboratory	156
6.	Strength of Materials Laboratory	153.34
7.	Aerodynamics Laboratory	156
8.	Propulsion Laboratory	156
9.	Aircraft Systems Laboratory	278.8
<b>Others (Research Labs / Centre of Excellence, etc.)</b>		
NIL		

**2. List of major equipment (value more than Rs.50, 000)**

S. No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
1.	Aerodynamics Laboratory	Computerized Slow speed Wind Tunnel	IND-Lab Equipments	1	914062	914062
2.	Aerodynamics Laboratory	Blower balance	Unique Lab Equipments	1	81491	81491
3.	Aerodynamics Laboratory	Water Flow channel with models	Unique Lab Equipments	1	60928	60928
4.	Aero Engine and Airframe Laboratory	TIG welding machine ITG180A	Centroid Engineers India Pvt. Ltd.	1	50500	50500

S. No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
5.	Aero Engine and Airframe Laboratory	MIG Welding Machine model 280	Centroid Engineers India Pvt. Ltd.	1	84500	84500
6.	Aero Engine and Airframe Laboratory	Spot Welding machine MC8	Centroid Engineers India Pvt. Ltd.	1	51500	51500
7.	Aero Engine and Airframe Laboratory	Plasma cutting Machine	Centroid Engineers India Pvt. Ltd.	1	104000	104000
8.	Aero Engine and Airframe Laboratory	Cessna Aero Engine and Propeller	Teledyne Continental	1	700000	700000
9.	Aero Engine and Airframe Laboratory	Micro Scan Ultrasonic Flaw Detector	Maruthi Trading corporation	1	142088	142088
10.	Aircraft Structures Laboratory	Wagner Beam-Tension Beam Set up. Hydraulic Jack 2 ton-01.load cell 01.load indicator 01	DS Engineering Works	1	110000	110000
11.	Aircraft Structures Laboratory	Constant strength Beam With Test Rig (slotted wt 2 kg 5nos	DS Engineering Works	1	60000	60000
12.	Aircraft Structures Laboratory	Shear centre for open section (slotted weight 200gms10 no.)	DS Engineering Works	1	50000	50000
13.	Aircraft Structures Laboratory	Shear Centre For Closed section beam section	DS Engineering Works	1	50000	50000
14.	Aircraft Structures Laboratory	UnSymmetrical Bending of Beam Set Up	DS Engineering Works	1	55000	55000
15.	Aircraft Structures Laboratory	Combined bending Experimental Set up(slotted Wt 2kgs10nos)	DS Engineering Works	1	50000	50000
16.	Aircraft Structures Laboratory	Polariscope(circular disc 3,Circular ring-3 Rectangular Bar 2nos wt 5 kg -1no 2 kg 2 no.	TECH-ED equipment Company	1	115731	115731
17.	Aircraft	Column testing Apparatus(MS-	DS Engineering	1	75000	75000



S. No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
	Structures Laboratory	01brass01Al-01slotted Wt 500gms 20 no.	Works			
18.	Aircraft Structures Laboratory	Electronic Panel unit With Load cell encoder suitable for UTM-400 KN	PSI Sales Private Limited, New Delhi	1	100000	100000
19.	Aircraft Structures Laboratory	Vibration set for vibration of beams	TMC Associates	1	91875	91875
20.	Strength of Materials Laboratory	Impact tester	AUTO Instruments	1	60200	60200
21.	Strength of Materials Laboratory	Vickers hardness tester	TMC Associates	1	135000	135000
22.	Strength of Materials Laboratory	Brinnell hardness tester	TMC Associates	1	66750	66750
23.	Strength of Materials Laboratory	Torsion Testing machine	TECH-ED equipment Company	1	86535	86535
24.	Strength of Materials Laboratory	Spring testing machine	TECH-ED equipment Company	1	61538	61538
25.	Strength of Materials Laboratory	Binocular metallurgical microscope & standard metallurgical microstructure	Unique Lab Equipments	1	66086	66086
26.	Strength of Materials Laboratory	Universal Testing Machine	PSI Sales Private Limited, New Delhi	1	303764	303764
27.	Thermodynamic s Laboratory	Twin cylinder four stroke diesel engine With Dynamometer	TECH-ED equipment Company	1	175000	175000
28.	Thermodynamic s Laboratory	Air conditioner Trainer duct	TECH-ED equipment Company	1	76440	76440

S. No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
29.	Thermodynamics Laboratory	Refrigeration tutor	TECH-ED equipment Company	1	80000	80000
30.	Propulsion Laboratory	Free jet wall jet experimental set up	DS Engineering Works	1	180000	180000
31.	Propulsion Laboratory	Free/forced convective heat transfer set up	DS Engineering Works	1	180000	180000
32.	Propulsion Laboratory	Estimation of heat or combustion of fuel	DS Engineering Works	1	180000	180000
33.	Computer Lab	Computer monitor & CPU & Keyboard	Hewlett - Packard	77	-	1199600 (Consolidate)
34.	Computer Lab	CATIA V5 R18 software	Dassault Systems	30	-	780000 (Consolidate)
35.	Computer Lab	MSC -NASTRAN software	Nastran	50	-	350000 (Consolidate)
36.	Computer Lab	ANSYS	Innovent Simulating Ideas	25	-	400000 (Consolidate)
37.	Computer Lab	SOLID WORKS software	Dassault Systems	50	-	485000 (Consolidate)
38.	Aero Engine and Airframe Laboratory	Aero Engine CJ 610	Galaxy Commercials	1	156653 6	1566536
39.	Propulsion Laboratory	Cascade Wind Tunnel	Almech Enterprises	1	750000	750000

### 3. Details of new labs established in the current academic year

S.No	Name of the lab	Name of the Item/Equipment/instrument	Make / Size	Quantity	Cost / Nos.	Total Cost
NIL						

### 4. Details of Departmental Library (Vol., books, journals etc.)

Books	Journals	
	International	National
219 (286 Volumes)	1 Journals (1 Volume)	1 Journals (13 Volumes)
100 (Compact Disc)		



**(E)STUDENT SUPPORT, PARTICIPATION AND PROGRESSION**

Sl. No	Description	Y/N
1	The student's grievances record	
2	Counselling by outside source	Y
3	Committee for prevention of ragging (Dept. /college)?	Y
4	Efforts taken for placement of students – Placement	Y
5	Students awareness of competitive avenues like GATE,CSIR, various entrance examinations for Ph.D. admission and students fellowships	Y
6	Register for alumni of the department with their addresses-Alumni register	Y
7	Class Committee Meeting	Y
8	Peer Group Meeting	Y
9	Coaching for students for skills training by outside experts/by teachers	Y
Comments: Placement for Students can be improved and core related Companies also brought in to improve the Placement		

**1. Current AY results of students at UG and PG**

Year		UG	Appeared	Passed	Pass %
IV	AERO (EVEN)	UG	114	82	71.9
III		UG	106	62	58.49
II		UG	101	65	64.35
I		UG	91	45	49.4
IV	AERO (ODD)	UG	114	54	47.36
III		UG	106	64	60.4
II		UG	105	64	60.95
I		UG	91	74	69.81

**2. Awards and Prizes received by students at various events conducted at University, state, national and international level**

S. No	Register Number	Name of Student	Date of Award	Name of the Award / Prize	Level (University, State, National and International level)	Organizer
1.	16101039	Inthres P	17.02.2019	First (Carrom – Singles)	State Level	Tamilnadu Youth & Sports Development Association

S. No	Register Number	Name of Student	Date of Award	Name of the Award / Prize	Level (University, State, National and International level)	Organizer
2.	16101039	Inthres P	17.02.2019	First(Carrom – Doubles)	State Level	Tamilnadu Youth & Sports Development Association
3.	17101027	Eby Roy M	09.02.2019	First (Carrom – Singles)	District Level	Virudhunagar District Carrom Association
4.	17101027	Eby Roy M	09.02.2019	First(Carrom – Doubles)	District Level	Virudhunagar District Carrom Association
5.	17101032	Hari Priya S	31.01.2019	First (Weight Lifting)	District Level	Sports Development Authority of Tamilnadu

### 3. Details of students projects /Funds

S. No	Name of the Student	Class	Name of Project	Fund received Y/N	Amount in (Rs.)
NIL					

### 4. Details of industrial visits organized for the students

S. No	Date	Name of the Company	Class	No. of participants	Outcomes of the visits
1.	22/12/2018	GEDEE Naidu Museum, Coimbatore	II	105	Viewed various vintage cars and learned about basic engine function

### 5. List the distinguished alumni of the department

S.No.	Batch	Name of Alumni	Designation	Name of organization/Company
1.	2005-2009	Balamuralidharan M	Scientist-C	Aeronautical Development Agency
2.	2005-2009	Sangeetha A G	Air Safety Officer	Director General of Civil Aviation
3.	2006-2010	Hanu Vignesh	Lt. Commander	Indian Navy
4.	2006-2010	Dhivyaraja K	Ph. D	IIT, Madras
5.	2007-2011	Vijayakanth T	Founder	Skyjet Technologies
6.	2008-2012	Jeya Parthan J	Junior Engineer	Airbus
7.	2009-2013	Priyanka K	Management Trainee	HAL, Bangalore
8.	2010-2014	Rohan M Ganapathy	CEO	Bellatrix Aerospace
9.	2011-2015	Gajalakshmi K S	Software Analyst	CTS
10.	2012-2016	Gokul V	CAE Engineer	GM Motors
11.	2013-2017	Brijil Sofi R	Resolution Specialist	Amazon



6. Drop out Student Details:

S. No	Name of the Student	Year of Drop out	Reason for the Drop out
1.	BALAMURUGAN K	IV	Family Issues
2.	KARUTHAPANDI	III	Medical Issues
3.	SABARINATHAN .M	III	Family Issues

**(F) ACADEMIC SUPPORT ACTIVITIES**

S. No	Description	Y/N
1	Graduate Exit Survey	
2	Course Exit Survey	
3	CO/PO attainment level	
4	Course Information Sheet	
5	Course File	
6	Time Table File	
7	Department Newsletter	
8	External Experts visits to the Department	
9	Discipline Committee	
10	Department Budget File	
11	Elective/Open Elective File	
12	Department Minutes of Meeting File	
13	Best Practices	
14	Department Extension Activities	
15	First aid supplies in department	
Comments : More Nge and Nss activities Can be organized.		

**Declaration by the Head of the Department**

I am aware that the above information provided by the department will be validated by the Academic Audit committee during the visit.

Date:

  
Head of Department with seal

**External Academic Audit Committee**

  
Signature of the team with date

R. ARAVIND .  
ASSD. Prof./AERO.  
NIET