



A.C.S. COLLEGE OF ENGINEERING BENGALURU

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi and Govt. of Karnataka)

DEPARTMENT OF AERONAUTICAL ENGINEERING *NEWSLETTER*

FLIGHT – 1, TAKE OFF – 1

2014-2015



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ABOUT AERONAUTICAL DEPARTMENT

The Department of Aeronautical Engineering aims to provide talented, motivated and competent students with Aeronautical engineering curriculum of the highest quality that will enable them to reach the global standard.

COURSES OFFERED

B.E – AERONAUTICAL ENGINEERING

With the intensions to fulfill the increasing demands of skilled manpower in Aero-based industries and hence to serve the society, the Department of Aeronautical Engineering was established in year 2010 with under Graduate Course in Bachelor of Engineering in Aeronautical Engineering under VTU, Belgaum. The course is approved by AICTE, New Delhi and two batches have been graduated successfully

AERONAUTICAL DEPARTMENT

FACULTY DETAILS

PARTICULARS	QUANTITY
TEACHING FACULTY	11
NON TEACHING FACULTY	3
COMPLETED Ph. D	1
PURSUING Ph. D	2
M.E/M.TECH/M.S	8

STUDENT DETAILS

PARTICULARS	QUANTITY
I – YEAR	48
II – YEAR	38
III – YEAR	51
IV - YEAR	38
Total	175

LABORATORY DETAILS

Aerodynamics Lab



Propulsion Lab



Structures Lab



Energy conversion Lab



LABORATORIES DETAILS



Mechanical measurements & Metrology Lab



Machine Shop Lab



Design, Modeling & Analysis Lab



Simulation Lab



Foundry & Forging Lab



Metallography & Material Testing Lab

PROGRAMME ORGANIZED IN THE DEPARTMENT

S.No	PROGRAMME
1	A Technical Seminar was conducted on “Advances in Aerospace Propulsion and Carrier options for Aeronautical Engineering Students” by Dr. R Venkataram, East point
2	A Guest Lecture on “Recent Trends in Aeronautics” Conducted by Mr. Mohan kannan,
3	One day seminar was conducted on “Product design, Development and Placement opportunities in Chivaro
4	A one day Seminar on “ Enabling Technology for Aircraft FBW Systems“, by Prof. Gemson (Ex. DGM ,HAL and
5	A guest Lecture on “Engineers Without Borders” by Dr. Dillibabu Vijayakumar, Scientist

INDUSTRIAL VISIT, IN-PLANT TRAINING & INTERNSHIPS

S.No	PROGRAMME
1	II and III Year Aeronautical Engineering students visited HAL Heritage Museum, Bangalore on 21/08/2015
2	Two Students (Dhanush S & Vaishnavi G Prasad) have undergone a two weeks internship at GTRE, Bangalore.
3	Five Students (Indushree KM, Nisarga N, Harshitha N, Surabhi S Bharadwaj & Tanushree B R) have undergone an In Plant
4	Three Students (Mansi, Bhavana Shetty, & Bharath B) have undergone a Internship at HAL, Bangalore



“Recent Trends in Aeronautics”



“Product design, Development and Placement opportunities in Chivaro Technologies”,

STUDENT PROJECT WORK

S.No	PROGRAMME
1	Eight projects were undertaken by Final year students in the academic year 2014-15
2	Three Students (Manjunath S, Usha Rani K & Yogesh L L) were assigned with a project work at ISRO Satellite Centre, Bangalore
3	Three Students (Arun Kumar V, Devaraj D N & Manjunath H K) were permitted to carry out their project work in Aircraft Division, HAL, Bangalore
4	Four Students (Chetan M Nakati, Kumar V, Upendra C P & Prashantha Acharya) were accepted to do a project work in Helicopter Division, HAL, Bangalore

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

S.No	AWARDS AND ACHIEVEMENTS
1	Neril Lester Lobo has secured 'First Prize' in CAD Modelling contest held during Technical Fest at New Horizon College of Engineering, Bangalore.
2	Two Students (Raghavendra P and Mansi N) have participated in CAD Modelling contest held at New Horizon College of Engineering, Bangalore.
3	Two Students (Dhanush S and Vaishnavi G Prasad) have participated in Quiz Competition held during Technical fest at New Horizon College of Engineering, Bangalore.
4	Three Students (Bharath B, Bhavana Shetty and Shalvin Raj K H) have take part in the Music competition held during VTU Fest
5	Six Students (Shalvin Raj K H, Kaivalya K, Surabhi S Bharadwaj, Mansi N and Bharath B) have represented the college Basket ball Team in VTU Inter college Tournament
6	Three Students (Pankaj Panchakshari, Shalvin Raj K H) have represented the college Foot ball Team in VTU Inter college Tournament
7	Three Students (Udaya Raj D, Shakti Prakash and Achuthan G R) have represented the college Cricket Team in VTU Inter college Tournament
8	Three Students (Achuthan G R, Shalvin raj K H and Bhavana Shetty) have been a part of the college Athletics Team in VTU Inter college Tournament
9	Achuthan G R have represented college Volley ball team in VTU Inter college Tournament

STAFF ACHIEVEMENT

S.No	PROGRAMME
1	Prof. R.R Elangovan, Professor and head, has delivered a guest lecture on “Space Mechanics Workshop” Conducted at Adhiyaman College of Engineering and Technology, Hosur.
2	Dr. R Mukesh, Associate professor, has presented a paper titled “Performance study of ordinary Kriging” in the National Conference on Signal processing, Computing and Networks (SPCN-15), ACS College of Engineering, Bangalore
3	Mr. Venkatesh Kunsur, Assistant Professor, has published a paper entitled “Study of Deflagration to Detonation transition length in a Single cycle H2-O2Pulse Detonation Engine in IRJET -2015
4	Mr. Prashanth S. Manvi has submitted for registration of a patent entitled “Method, System and Apparatus for an Efficient Floor Panel Material for Aircraft”, through Om Sai Patent Services.
5	Mr. Venkatesh Kunsur has attended a workshop on CFD Applications In MVJ college of Engineering, Bangalore During July-August 2015
6	Mr. Melvin philip attended workshop on 3-D PRINTING, by IID- Institute of Industrial Design, 2014
7	Mr. Venkatesh Kunsur has attended a seminar on “ Applications of Hyperworks” Conducted by Altair on June 2015
8	Mr. Melvin Philip Published technical paper in National journal “MECH HORIZON” on topic, ‘Ducted Fan blended Wing body Analysis’ in the year 2014

S.No	PROGRAMME
1	Mr. R. R. Elangovan, Professor & Head is the Life Time member of AeSI
2	Mr. Dhanya Praksh R.B , Associate professor is a member of AeSI and MISTE
3	Dr. R. Mukesh, Associate Professor is a member of IEEE and RAS
4	Mr. J. Jensin Joshua, Assistant Professor is a member of ISTE , IE(I) , IRED and ASME.

CLASS TOPPERS

BATCH	I RANK	II RANK	III RANK
II SEMESTER			
2014 – 2018	 YASHASWINI.V – 70%	 SANJAY S – 68%	 CHANDAN LS – 65%
	IV SEMESTER		
	2013 – 2017	 NISARGA.N – 81.33%	 RAJESH FRANKLIN.G – 81%
VI SEMESTER			
2012 – 2016		 RAJASHREE D – 88%	 LAVANYA .C – 83%
	VIII SEMESTER		
	2011 – 2015	 USHA RANI – 84.4%	 SINDHU N L – 83.87%

PLACEMENT

Our students are placed in Intel, Wipro, Mindtree, EMC², HCL, Capgemini etc. Some of the students are Entrepreneur and some of them are doing their Higher studies.

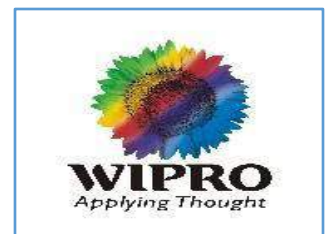
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HCL



EMC²



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