

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA.
AERONAUTICAL ENGINEERING DEPARTMENT

DATA FOR NEWS LETTER (JAN-JUNE, 2015)

• **Papers Published:**
International Journal

- i. T. J. Prasanna Kumar, P. Phani Prasanthi, K. Siva Gopa Raju, V.Mani Prakash, R. Sunitha 'Performance Characterization Of Solid Propellants' Published in Discovery Int. Daily Journal, ISSN:2278-5469, Discovery, 2015, 29(108), 44-62.

Faculty Development programmes:

- i. Mr. T. J. Prasanna Kumar, Mr. M. Somaiah Chowdary & Mr. V. Mallikharjun Kishan I, Assistant Professors in Dept. Of Aeronautical Engineering attended 1 Week Faculty Development Programme on Advanced Manufacturing Methods by Prof. Sunil Jassal & Prof. P.K. Rao, NITTR, Chandigarh from 12th OCT -16th OCT, 2015 conducted by Dept. Of Mechanical Engineering, PVPSIT.

• **Student Achievements:**

1. Ms. H.G. Poornasree of 2014 passed out B.Tech Aeronautical Engineering got State 1st Rank, All India Rank of 6th in GATE 2015.
2. Mr. Ramireddy of 2013 passed out B.Tech Aeronautical Engineering got State 38th All India Rank in GATE 2015.
3. Mr. Rayappa Daniel of 2014 passed out Aeronautical Engineering got 224th All India Rank in GATE 2015.
4. Mr. Chandika Ravi Kiran of 2014 passed out B.Tech Aeronautical Engineering got 384th All India Rank in GATE 2015.
5. Mr. Charan Pattabhi of IV B.Tech selected and attended for Indian Airforce Service Selection Board (2 AFSB), Mysore from 29th December to 2nd January 2015 through AFCAT-2014.
6. Mr. Charan Pattabhi of IV B.Tech selected and attended for Indian Navy Service Selection Board-33, Bhopal from 23rd to 28th January 2015 through University Entry Scheme (UES).
7. A. Rushi Kartik, R. Dharma Teja, P. Sri Harsha, P. Anil, of II. B.Tech has participated in 2 day workshop on Biplane RC Model, conducted by Dept. of Mechanical Engineering, SRKR Engineering College, Bhimavaram in associated with Aeroatrix, Bangalore, from 6 to 7 february, 2015.
8. Mr. S. Koteswara rao of III B.Tech has participated in Two day national Fest Paper presentation competition organized by Potti Sriramulu Engineering College on 2nd march 2015.
9. Mr. S. Koteswara rao of III B.Tech has participated in Two day national Fest Paper presentation competition organized by Dhanekula Institute of Technology and sciences on 3rd march 2015.
10. Mr. L. Karteek of III. B. Tech has attended National Seminar on "Boot Camp pre-Launch talk session- Startup Village" conducted by Entrepreneurship cell, JNTUK, Kakinada on 25th January, 2015..
11. A.Sai Prabhu of III. B. Tech got **first prize** in long jump and foot ball in College sports towards Annual day celebrations 2015.
12. A.Sai Prabhu of III. B. Tech got **Second prize** in Running (100 & 200 m) in College sports towards Annual day celebrations 2015.
13. Ms. H.G. Poornasree of 2014 passed out B.Tech Aeronautical Engineering got University Gold Medal as she stood topper in her academics. JNTUK announced on 23rd OCT 2015.

• **Industrial Visits:**

S.No	Year of Study	Name of the Industry Visited	Date(s) of Visit	Place
1	II & III Year B. Tech	Hindustan Aeronautics Limited, Rotary Wing Division, Bangalore	19 TO 25th , 2015	Bangalore
2	II & III Year B. Tech	Air Show, AERO INDIA 2015	23-02-2015	Air force Station, Yelhanka

News Letter report from July 2015 to December 2015

1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums organized:

- i. One Day Guest lecture on “Aircraft Engine Maintenance & Job Opportunities” by Sri. Raja Mohan Ravi, Quality Manager & IT, Aero Gulf Norway, AS organized by Department of Aeronautical Engineering on 28.12.2015.
- ii. A 3-Day workshop on Quadcopter organized by Department of Aeronautical Engineering in Association with NRC 2016 IIT Madras and ISTE Student Chapter PVPSIT on 29th SEP to 1st OCT, 2015.

2. Papers presented in Seminars/Conferences/Symposiums by the faculty:

NIL

3. Workshops/Seminars/Conferences/Faculty Development Programmes attended by the faculty:

- i. Mr. T. J. Prasanna Kumar, Assistant Professor in Dept. Of Aeronautical Engineering attended 1 Week Faculty Development Programme on Advanced Manufacturing Methods by Prof. Sunil Jassal & Prof. P.K. Rao, NITTR, Chandigarh from 12th OCT -16th OCT, 2015 conducted by Dept. Of Mechanical Engineering, PVPSIT.
- ii. Mr. M. Somaiah Chowdary Assistant Professor in Dept. Of Aeronautical Engineering attended 1 Week Faculty Development Programme on Advanced Manufacturing Methods by Prof. Sunil Jassal & Prof. P.K. Rao, NITTR, Chandigarh from 12th OCT -16th OCT, 2015 conducted by Dept. Of Mechanical Engineering, PVPSIT.
- iii. Mr. V. Mallikharjun Kishan I, Assistant Professor in Dept. Of Aeronautical Engineering attended 1 Week Faculty Development Programme on Advanced Manufacturing Methods by Prof. Sunil Jassal & Prof. P.K. Rao, NITTR, Chandigarh from 12th OCT -16th OCT, 2015 conducted by Dept. Of Mechanical Engineering, PVPSIT.

4. Publications by the faculty (National/International Journals/ Conferences):

NIL

5. Faculty Achievements (Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Judge or Resource person etc.):

- i. Mr. T. J. Prasanna Kumar, Assistant Professor, Department of Aeronautical Engineering conducted 2 Day Training Programme on “**MAT Lab Programming & Simulation**” in Prasad V. Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada. On 03-09-2015 & 10-09-2015.
- ii. Mr. T. J. Prasanna Kumar, Assistant Professor, Department of Aeronautical Engineering conducted 2 Day Training Programme on “**FLOTRAN-Computational Fluid Dynamic Techniques**” in Prasad V. Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada. On 02-07-2015 & 10-07-2015.

6. Industrial Visits:

NIL

7. Students selected for GATE/IELTS/GRE/TOEFL and other competitive Examinations:

- i. Ms. H.G. Poornasree of 2014 passed out B.Tech Aeronautical Engineering got State 1st Rank, All India Rank of 6th in GATE 2015.
- ii. Mr. Ramireddy of 2013 passed out B.Tech Aeronautical Engineering got State 38th All India Rank in GATE 2015.
- iii. Mr. Rayappa Daniel of 2014 passed out Aeronautical Engineering got 224th All India Rank in GATE 2015.
- iv. Mr. Chandika Ravi Kiran of 2014 passed out B.Tech Aeronautical Engineering got 384th All India Rank in GATE 2015.

8. MOUs Signed:

NIL

9. Students' achievements:

a) Literary and Cultural Activities/Academic awards:

- i. Ms. H.G. Poornasree of 2014 passed out B.Tech Aeronautical Engineering got University Gold Medal as she stood topper in her academics. JNTU Kakinada announced on 23rd OCT 2015.

b) Presentation/Participation in Seminars/Conferences/Workshops:

- i. Students of III B.Tech Aeronautical Engineering had participated in One Day National seminar on “Entrepreneurship Development” organized by Department of Master of Business and Administration, PVPSIT on 30th December 2015.
- ii. S. Lavanya Devi of III B. Tech Aeronautical Engineering stood college level Top 10th place in III-I Semester Examinations December 2015.

10: Others, if any:

a) Citations for following publication:

T. J. Prasanna Kumar, S. Narendar, Gopala Krishnan “Thermal Vibrational Analysis on mono layer Graphene embedded in elastic medium based on non-local

continuum mechanics”, Elsevier Publications June 2013, Composite Structures 100 (2013) 332–342

- i.** Nonlinear resonant behaviors of graphene sheet affixed on an elastic medium considering scale and thermal effects Li, H.B., Li, Y.D., Wang, X., Fang, C.Q. *Physica E: Low-dimensional Systems and Nanostructures*, Elsevier Journal volume 72, issue , year 2015, pp. 178 – 188
- ii.** Temperature effects on the vibration and stability behavior of multi-layered graphene sheets embedded in an elastic medium Karličić, D., Cajić, M., Kozić, P., Pavlović, I. *Composite Structures*, Elsevier Journal volume 131, issue , year 2015, pp. 672 - 681