

Manoj Gowdar Ramakrishna

526, 16th main, 16th cross
Sector 4, HSR Layout
Bangalore - 560102.

E-mail: manojgramakrishna@gmail.com
Phone: +919108687447

DOB: 26th March 1992

Citizenship: India

CAREER OBJECTIVE

Seeking for an opportunity to utilize my knowledge, skills, and abilities in the industry with competitive environment, true professional to put in the acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

QUALIFICATIONS:

1. M.Sc. in Aerospace

Warsaw University of Technology

Pl. Politechniki 1, Warsaw, Poland - 00-661

<http://www.meil.pw.edu.pl/Aerospace-Engineering>

Oct 2014– June 2016.

2. Bachelor of Engineering in Aeronautical

Satyabhama University, Jeppiaar Nagar, Chennai, India

Aug 2010– Mar 2014.

WORK

Parker Hannifin Aerospace

3 Months (5 Jul 2015 — 25 Sep 2015)

EXPERIENCE:

Intern

This internship was a useful experience, gained new knowledge, skills and met many new people. I achieved several of my learning goals; moreover I got insight into professional practice. I learned the different aspect of working within a Parker Aerospace. This internship has given me new insights and motivation to pursue a career in this field.

SOFTWARE

PACKAGES: MS Office, MS Word, MS Excel, MS PowerPoint and Adobe packages

SKILL SET:

LANGUAGES: C, C++

SOFTWARES: Proficient in MSC Nastran Patran, Auto-CAD, ANSYS, MATLAB (Basic Level) and CATIA

KEY SKILLS AND COMPETENCIES:

- Experience of working on fly-by-wire (FBW) flight control system, “from stick to surface.”
- Ability to work to tight deadlines and under pressure as part of a team.
- A good aptitude in understanding complex mechanical and or avionics systems.
- Excellent communication and presentation skills.
- Actively supporting and promoting continuous improvement.
- An ability to manage multiple tasks.
- Possessing the drive to follow tasks through to a successful outcome.
- Able to work to an agreed time scale.
- Continuously developing engineering expertise and experience whilst working on projects.

PROJECTS:

1. Thesis work on Linear Static, Normal Modes and Transient Dynamic Analysis of an Aircraft Engine Fan Cowl using MSC.PATRAN and NASTRAN software, in partial fulfilment of the requirements for the award of M.Sc. Degree in Aerospace Engineering (2016).
2. Project Work on "EFFECT OF ANGLE OF FLAP ON LIFT AND DRAG IN A FLAPPING WING" in partial fulfilment of the requirements for the award of Bachelor of Engineering Degree in Aeronautical Engineering (2014).
3. Intermediate Masters Project work on "Analysis of Wing Component" using MSC Nastran Patran software under the Guidance of Professor Dr Inż. Adam Dacko, Warsaw University of Technology.

CERTIFICATIONS:

1. Training program on "CAD MODELLING" using CATIA & LINEARSTATIC ANALYSIS OF AIRCRAFT COMPONENTS using MSC NASTRAN & PATRAN SOFTWARE from 10th-29th December 2011.
2. AERO INDIA 2013 - INTERNATIONAL SEMINAR ON "AEROSPACE PRODUCTS-CHALLENGES IN DESIGN TO DEPLOYMENT" and AIRSHOW AT AERO INDIA EXHIBITION.
3. AIRCRASH INVESTIGATION workshop held as a part of KURUKSHETRA 2013 at CEG, Anna University, Chennai-India.
4. National Seminar on "MODERN TECHNOLOGY ON DESIGN AND MAINTENANCE OF HELICOPTERS" held at Satyabhama University, Chennai- India.
5. Awarded First Place for the Inter-College RC Model Designing, organized by KCG Engineering College, Chennai, India-2013.
6. Seminar on "MODERN TECHNOLOGY IN MAINTENANCE OF HEAVY AIRCRAFT" held at Sathyabama University, Chennai-India.
7. National Level Workshop on CAREER GROWTH organized by IEEE student branch, Sathyabama University, Chennai-India.
8. Aero Engineer-Summer Training & Internship Program on Aeromodelling organized by Aerotrix, Bangalore -India.
9. All India Ornithopter Challenge organized by Aerotrix, in association with Ornithopter ZoneUSA, techNITI'13-NIT Jalandhar & NSSC'13- IIT Kharagpur at Bangalore-India.

**PUBLICATIONS
AND
PRESENTATION:**

1. Presented a Group Presentation on "Geospatial technology and its Impact on global climate change" at International Conference on Impact of climate change on costal ecosystem, organized by Satyabhama University, Chennai, India-2011.
2. Published a Paper on Airport Planning and Management at Kurukshetra-2013 event organized at Anna University, Chennai, India.

**LANGUAGES
KNOWN:**

English, Hindi, Kannada, Telugu, Tamil and Basic Polish.

REFERENCES:

1. Umesh Thippareddy
India Delivery Manager, Parker Hannifin Corporation,
Parker Aerospace, Aerospace Group - Central Engineering
Cell: +91 9980007720 e-mail: uthippareddy@parker.com
www.parker.com
2. Dr Inż. Adam Dacko
Assistant Professor, Strength of Materials and Structures Division.
Warsaw University of Technology.
Tel. ext :(22) 234 + ext: 5070 e-mail: adam.dacko@meil.pw.edu.pl
<http://www.pw.edu.pl/engpw>