

Yuvaraj George

S/O Late V George & Dr.S.Saraswathamma,
 Gender : *Male*
 Martial Status : *Unmarried*
 Email-id : *georgeyuvaraj2@gmail.com*
 Mobile No. : *+91 9133080273*
 Nationality : *Indian*
 Date of Birth : *02 April, 1994*
 Passport Details : *Z3979541 (10/11/2016 - 09/11/2026)*

**CARRER OBJECTIVE**

By attaining knowledge to sustain in highly competitive engineers pool, I would sincerely like to see myself as a skilled aeronautical engineer and to use my fundamental understandings for the societal transformation even in the smallest way possible.

COMMUNICATION SKILLS, SOFT & TECHNICAL SKILLS

- **Languages** - Telugu(Native),Hindi(Proficient),English(Proficient),Russian (Intermediate)
- **Operating Systems** - Windows family,Debian based Linux(Ubuntu,Zorion,Android)
- **Miscellaneous**- Office suites(Libre,MS Office,IBM Symphony),Familiar with web services
- **Programming Languages** - C,LaTeX
- **Softwares-CAD/CAE** - Libre CAD, Auto CAD,AutoDesk 123D, CATIA V5- (Solid Modelling, Drafting), Xflr5,ANSYS Fluent(novice),Mechanical APDL(novice), PyMecaVideo
- Aircraft Shaping & Sizing (Aerodynamic),Trajectory and Performance Analysis of air-crafts, Design & Analysis of Airships, Aero Modeling (SUAV), Reverse Engineering, Cost Analysis, Value Analysis, Tear down Analysis

ACADEMIC DETAILS

Qualification	Specialization	Institute,University	Year	%
Post Graduate	Aircraft	Moscow Aviation Institute (NRU),	2021	Pursuing
M.E	Construction(Design)	Moscow		
Preparatory Course Ruski for Engineers	Technical Writing and Presentation in Russian Language	Moscow Automobile and Road Construction University(STU), Moscow	2018	3/5
Under Graduate B.Tech	Aeronautical Engineer- ing	MLR Institute of Technology, JNTU-H, Hyderabad	2017	66.46
Diploma DIPIETE-ET	Electronics and Telecommunications	Institute of Electronics and Telecom- munication Engineers (IETE)	2013	6.81
High School 10 th	S.S.C, Andhra Pradesh	St.Marks English Medium High School, Rachanapalli, Anantapur	2010	83.1

FIELDS OF INTEREST

Aerodynamics, Flight Vehicle Design(Shaping&Sizing), Mathematical modelling

ACHIEVEMENTS & AWARDS

- Recipient of YOUNG SCIENTIST AWARD in 150th International Awards on Mechanical Engg. & Mechanics, India organized by IOSRD.
- Review Board Member of JOURNAL OF ADVANCED RESEARCH IN AERONAUTICS AND SPACE SCIENCE (ISSN:2454-8669)
- Invited as speaker in the numerous international conferences and to submit articles in various peer-reviewed open accessed journals.
- Publication of technical and research papers in conferences and open-access peer reviewed journals.
- Author of "LABOR PAINS FOR LEARNING: GRADIENT OF INHIBITIONS-1", a chapbook of 13 surrealist poetic memoirs.

TECHNICAL PROJECTS

Nº	Project Title	Role	Description	Year
1	Sky Troopers : SAE design challenge, India, 2017(Awarded Best Design Report)	Captain	To design, manufacture and fly a SUAV as per SAE constrains	2016
2	Tear-down analysis on refuel/de-fuel manifolds	Boeing Extern	Reverse Engineering, Product Tear down, Cost Analysis	2016
3	Aerogantz:SAE Aero Design Challenge-2016 (Awarded Best Design Report)	System Integrator	To design, manufacture and fly a SUAV as per SAE constrains	2015
4	Algorithm for Cosmic Noise Suppression in Free Space Optical Communications	Developer	Algorithm for noise suppression in FSO[5]	2015
5	Thermionic heat sink system	Designer	Conceptual Design of solid state engine	2014
6	Buoyancy lift Augmentation Technique	Analyst	Analysis of Patent WO2007109826A1[1]	2014
7	Adaptive waste management system	Developer	Analytical Plant Design[6][7][3]	2014
8	Decimal Arithmetic Manipulation Technique	Developer	Algorithm for Data Compression[4]	2012

STRENGTHS

- Hardworking, • Willingness to learn new things • Disciplined & good etiquette • Doesn't Know how to give up

INTEREST AND HOBBIES

- Reading books(Specially Telugu Poetry & Philosophy) • Internet Surfing • Writing activities • Listening Music

PUBLICATIONS (ORCID:0000-0003-4396-1402)

- [1] Yuvaraj G and Veeranjanyulu K. "Buoyancy Lift Augmentation". In: *Journal of Aeronautics & Aerospace Engineering* 05.04 (2016). DOI: 10.4172/2168-9792.1000175. URL: <https://doi.org/10.4172/2168-9792.1000175>.
- [2] Yuvaraj George. *Streamline's Shape Theory*. 2019. DOI: 10.20944/preprints201904.0067.v2. URL: <http://doi.org/10.20944/preprints201904.0067.v2>.
- [3] George Yuvaraj, Vamsi Krishna Chowduru, and Marri Mallika Reddy. "Adaptive Waste Management". In: *(IJRPC)International Journal on Research Methodologies in Physics and Chemistry* (2015). ISSN: 2349-7963. URL: https://www.researchgate.net/publication/287210022_Adaptive_Waste_Management.
- [4] George Yuvaraj, Ch Dhanunjay Rao, and Goyal Himani Sharma. "Decimal Arithmetic Manipulation Technique". In: 2014. URL: https://www.researchgate.net/publication/287209861_Decimal_Arithmetic_Manipulation_Technique.
- [5] George Yuvaraj and Goyal Himani Sharma. "Algorithm for Cosmic Noise Suppression in Free Space Optical Communications". In: (2017). ISSN: 1757-8981. DOI: 10.1088/1757-899x/225/1/012241. URL: <http://doi.org/10.1088/1757-899x/225/1/012241>.
- [6] George Yuvaraj and Goyal Himani Sharma. *Governing equation for Bio-Digester's Performance*. 2016. ISBN: 978-3-659-94091-0. URL: https://books.google.co.in/books/about/Governing_Equation_for_Bio_Digester_s_Pe.html?id=R15unQAACAAJ&redir_esc=y.
- [7] George Yuvaraj et al. "Design Aspects of Adaptive Waste Management System". In: *International Journal of Research in Mechanical Engineering* (2015). ISSN: 2347-5188. URL: <https://www.scribd.com/document/268460087/Design-Aspects-of-Adaptive-Waste-Management-System-pdf>.

DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

Place: **Hyderabad, India**

Date: **April 26, 2019**



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