

Gautham Srinivas Ganesh

Prime Minister's Research Fellow (Aug 2021-present); Ph.D. Research Scholar at IISc, Bangalore

PERSONAL DETAILS:

Date of birth: 05/08/1990
Nationality: Indian
Father's Name: Mr. S. Ganesh
Address: B1104, Vaishnavi ARS Gardenia, SM Road, T. Dasarahalli, Bangalore - 560057
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AREAS OF INTEREST:

Sustainability Assessment of Energy Transitions, Biomass & Biofuels, Renewable Energy

TEACHING EXPERIENCE

- July – December 2022 National Programme for Technology Enhanced Learning (NPTEL)
- Weekly live online sessions for the course on "Ecology and Environment", offered by IIT Madras
- January – June 2022 Science for Rural India (SfRI), IISc, Bangalore
- Online outreach and content creation on the topic "Motion and Measurement of Distances" for students in rural schools

EMPLOYMENT:

- July 2019 – Aug 2020 Centre for Sustainable Technologies, IISc, Bangalore
Project Associate
- Experimental research and analysis on downdraft biomass gasification technology
- Sept 2018 – June 2019 CleanMax Enviro Energy Solutions, Bangalore
Senior Engineer – Projects
- Project co-ordination and management for solar PV projects (rooftop and ground mounted)
 - Projects Completed:
 - 240 kWp Rooftop Solar PV Project, KVAFSU, Bidar (KA)
 - 170 kWp Rooftop Solar PV Project, AWU, Bijapur (KA)
- July 2016 – Aug 2018 Refex Energy Limited, Bangalore
Senior Engineer – Projects
- Project co-ordination and management for solar PV projects (rooftop and ground mounted)
 - Projects Completed:
 - 10 MW solar project, at Challakere (KA)
 - 25 MW utility scale solar projects across Karnataka
 - 500 kWp Rooftop Solar Power Project, MRF, Arakonam (TN)
 - 180 kWp Rooftop Solar Power Project, Cantt. Board, Chennai (TN)
- Jan 2016 – June 2016 Vee En Kay Engineering Consultancy Pvt. Ltd., Chennai, India
Business Development Executive
- Business Development for Design Consultancy based Projects in the field of oil & gas, and thermal power

EDUCATION:

- Oct 2020 – present Indian Institute of Science, Bangalore, India
Degree: Ph.D. (engineering)
CGPA: 8.80 out of 10
Thesis: Sustainability Assessment of the Advanced Biofuel Value Chains for Indian Transport System Transition
- Oct 2012 – Feb 2015 Technische Universität Berlin, Germany
Degree: M.Sc. (Energy Engineering)
Grade: 1.9 (German Grading – equivalent to 86%)
- July 2007 – June 2011 Maulana Azad National Institute of Technology, Bhopal, India
Degree: B. Tech (Energy)
CGPA: 8.26 out of 10

LANGUAGES:

Tamil (Mother tongue), Hindi (Business fluent), English (Business fluent), German (Fluent), Kannada (Basic)

CONFERENCES & PUBLICATIONS:

- Mohamed Sabry, Ahmed Ali, **Gautham Srinivas**, Ahmed Hafez, Karim Nashaat, Mohamed Magd, Chen Han, Aritro Kundu, Mahmoud Draz, Hany Helaly, Louay Hossam, Peter Shawky, Mohamed Bahaa, Dr. Franz Trieb, "Sustainable Energy Supply for El-Gouna Touristic City in Egypt", 4th DII Desert Energy Conference, Rabat, Morocco, October 2013.

PATENTS:

- S Dasappa, Shivapuji Anand. M., Arashdeep Singh, **Gautham Srinivas G**, Shirish Sharma, Arvind Gupta, Novel Agro Straw Bale Torrefaction System, Indian Patent Application No. 202141002008

SOFTWARE SKILLS:

- Meteororm, PVSyst, Microsoft Office, Epsilon Professional, Engineering Equation Solver, ASPEN Plus, GREET®

CERTIFICATIONS AND ACCOLADES:

- Prime Minister's Research Fellowship – Aug 2021
- Reflex Energy Ltd. Young Talent Award – April 2017
- Best Paper Award for paper titled "Sustainable Energy Supply for El-Gouna Touristic City in Egypt", presented at the 4th DII Desert Energy Conference, Rabat, Morocco – October 2013.
- DAAD Scholarship – April 2013.
- TU Berlin Campus El Gouna scholarship – September 2012.

MISCELLANEOUS:

- Social Work:

Development of Floating Prototype Bio-digester for rural lighting purposes in the forest villages of Madhya Pradesh, India, in collaboration with NGO OASIS, March 2009

Physical outreach towards creating awareness on climate issues as a convener at the Go Green Forum, MANIT, Bhopal (2009-11)

- Academic References:

Dr. Balachandra P., Chief Research Scientist, Department of Management Studies, Indian Institute of Science, Bangalore, India. Email ID: patilb@iisc.ac.in

Prof. Dasappa S., Professor, Centre for Sustainable Technologies, Indian Institute of Science, Bangalore, India. Email id: dasappa@iisc.ac.in

DECLARATION:

I declare that the above details are true to the best of my knowledge.

SIGNATURE:

