



**D. GOKUL** M.S (Quality Management) BITS PILANI

MBA (Annamalai University)

B.Tech (Chemical Engineer) ANNA UNIVERSITY

### EXPERIENCE SUMMARY

- 15+ years' experience (2008–2023) at various levels in Quality, Projects, Research and Development area at Satish Dhawan Space Centre SDSC SHAR–Indian Space Research Organization & Carborundum Universal Limited, Murugappa Group
- Presently **SCIENTIST SF (Deputy Secretary Rank)** in System Reliability Group of Solid Propellant Booster Plant in SDSC–SHAR, ISRO
- Currently **PROJECT MANAGER** for Small Satellite Launch Vehicle (SDSC–SHAR,ISRO) in Solid motor Assembly, Testing & Launch operations

### Awards & Achievement

- Receiving **YOUNG SCIENTIST MERIT AWARDS** for the outstanding initiatives with innovative approach and service delivery by **Indian Space Research Organization (ISRO), Government of India** in the year **2018**.
- Received “**YOUNGEST INDUSTRY YOUTH ICON AWARD-TISLA AWARD 2018**” by Institute of Engineers-Thiruvallur Chapter in the year 2018
- Received “**YOUTH ICON LEADERSHIP AWARD-2022**” by Institute of Engineers-Tamil nadu state centre during Centenary year celebration on 15<sup>th</sup> Dec-2022
- Received “**BEST YOUNG ENGINEER AWARD-2020**” by Institute of Engineers –Tamil nadu state centre on the occasion of world Engineering day celebration on 6<sup>th</sup> March 2021
- Worked on Various Environmental project & Awarded “**MONDIALOGO YOUNGEST ENGINEERING AWARD**” by Daimler Chrysler & UNESCO in 2008 & 2009 & “**EWB-GREEN AWARD**” by Engineers without Borders –India in the year 2008
- Worked as **MISSION DIRECTOR** for **Dr.A.P.J Abdul kalam space research payload cubes challenge 2021** in association with Dr.APJ Abdul Kalam international foundation, Space zone & Martin group for launching 100 Femto satellite at Rameswaram for the various study application in the upper atmosphere with 1000 students from 108 schools from across the nation.
- Worked as **MISSION DIRECTOR** for **Dr.A.P.J Abdul kalam students satellite launch vehicle mission-2023 (APJAKSSLV)** in association with Dr.APJ Abdul Kalam international foundation, Space zone & Martin group for launching first Hybrid rocket 150 Pico satellite at pattipulam,Chengalpattu (Tamil Nadu) India for the various study application in the upper atmosphere with 5000 students from 220 schools from across the nation.
- Completed **INTERNAL AUDITOR** on Quality Management System-ISO 9001:2008 from LRQA.

### ORGANISATION



### INTERNAL AUDITOR



### AWARDS



### CO CURRICULAR

## PUBLICATIONS, GUEST LECTURES, R& D ACTIVITIES ETC

- 42 Papers published in various National and International conferences.
- Addressed more than 30 Guest Lectures at various prominent institution : Birla Institute of Technology–Dubai, Sharjah Indian School–Sharjah, Indian Institute of Technology–Madras, ,Indian Institute of Technology–Mumbai, National Institute of Technology–Calicut, National Institute of Technology–Surathkal ,Birla Institute of Technology–Goa, JNTU–Antapur, A.C tech college of Engineering–Anna University, SRM university ,Srivenkateswara college of Engineering Chennai, Dhanish Ahmad College of Engineering Chennai, St. Peters Engineering College, Avadi, Chennai , SriVidhya Engineering College, Virudunagar, Madha college of Engineering–Chennai, KCG college of technology, Chennai, Vellammal college of Engineering Chennai, Arunai Engineering College ,Thiruvanamalai,Veltech Engineering college,Avadi,St.Joseph Engineering college, Chennai, Agni college of engineering,Chennai,Dr.MGR University,Chennai,Sathyabhama institute of science and technology,Chennai,MAM college of engineering,Trichy,Various schools in Tamilnadu,Panelist member for vision 2020 conference at Jeppair Engineering college & Satish Dhwan Space Centre,ISRO, Shriharikota.
- Proposed an R&D project ON “Prognostic tool for monitoring Reactions based on dielectric principles” of Rupees 12 lakhs Recognized as an innovation by ISRO innovation management.
- Project Proposed on “**Development of low cost Low maintenance mobile solartech for water Purification**” Presented in the **International Mondialogo Award** (2008–09), recipient of silver Award of Euro 20,000 for the implementation of Project by Daimler Chrysler & UNESCO
- Project Proposed on “**Application of Bio–technology for the treatment of Dye house Effluent**” Presented in the **International Mondialogo Award** (2007), recipient of Bronze award of Euro 5000 for the implementation of Project by Daimler Chrysler & UNESCO
- Involved in organizing 100 year celebration as a organizing committee member in IEI centaury celebration in 2019 at Le royal meridian,Chennai

## WORLD RECORD CERTIFICATION:

- Awarded – **Guinness World Record** for the Dr.A.P.J Abdul kalam space research payload cubes challenge 2021 in association with Dr.Apj Abdul Kalam international foundation, Space zone & Martin group for launching 100 Femto satellite for the various study application in the upper atmosphere.
- Awarded – **World book of Record** for the Dr.A.P.J Abdul kalam space research payload cubes challenge 2021 in association with Dr.Apj Abdul Kalam international foundation, Space zone & Martin group for launching 100 Femto satellite for the various study application in the upper atmosphere.
- Awarded – **Asian book of Record** for the Dr.A.P.J Abdul kalam space research payload cubes challenge 2021 in association with Dr.Apj Abdul Kalam international foundation, Space zone & Martin group for launching 100 Femto satellite for the various study application in the upper atmosphere.

- Awarded – **Asian book of Record** for the Longest online session for 12.5 hours on the eve of World Earth Day celebration 2020 in association with Institution of Green Engineer & associate partner.
- Awarded- **World Records Union** for the Pico-satellite launched in a hybrid rocket is 150 in a project titled "Dr.A.PJ Abdul kalam Satellite launch vehicle mission-2023 on 19/02/23 at pattipulam,Chengalpattu (Tamil Nadu) India

#### **CO-CURRICULAR ACTIVITIES**

Worked as **PRESIDENT** for the International Professional society of EWB (Engineer without Boarder) Chennai.

Working as a **Board of Director** for the Institution of Green Engineers (IGEN)

Working as a **Joint secretary** for the High Energy Material society of India-Sriharikota & Chennai chapter -2017-2023

Worked as **Treasurer & Honanry Secretary** for the Indian Institute of Chemical Engineer for year 2017-19 & 2019-2021 of IICHE-Chennai Regional Centre

Working as a **Joint secretary** for Institution of Engineers of India-TNSC local centre-2021-2023

Working as a **Advisor** for the Dr.APJ Abdul Kalam International Foundation, House of Kalam, Rameswaram-2018-2021

Worked as **CONVENOR** for organizing a National level Quality Day function 2010,2011 & 2012 at SHAR centre, ISRO

Worked as **committee member** for the World Space Week celebration –SDSC SHAR,ISRO form 2016 to 2023.