

SANJEEV KRISHNAN

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ACADEMIC PROFILE

- **M Tech- in Industrial Refrigeration And Cryogenic Engineering** from TKM College Of Engineering Kollam
- **B Tech- Aeronautical Engineering , M.G University**

ACADEMIC SEMINAR PRESENTATION

- CRYOGENIC CIRCULATION FOR INDOOR AIR POLLUTION CONTROL
- A WASTE COLD RECOVERY FROM THE EXHAUSTED CRYOGENIC NITROGEN BY USING THERMOELECTRIC POWER GENERATOR
- HIGH ALTITUDE AERONAUTICAL PLATFORMS (HAAPS)

CAREER OBJECTIVE

“To pursue a challenging career in a dynamic organization that provide skill enhancement and synergizes human potential for the growth”

EXPERIENCE

- Currently working as Assistant Professor for the Department of Aeronautical at Mount Zion College of Engineering (15/07/2019- Till now)
- Guest Lecture at Mount Zion College Of Engineering ,Pathanamthitta (20-2-2017 to 21-8-2017)

ACHIVEMENTS

- Second position in TECH EXPO ,YAGNA DHRUVA'16
- Programme co-ordinator of college Arts and Tech Fest -2016
- Secretary of departmental organization RAEMEZ
- Active member of college Anti-Ragging Cell, Entrepreneur Development Club, Blood Donation Club, Cricket Club
- In-Plant Training at JetWings, Bangalore
- Participated various Industrial Visit
- Participated at various Technical Fests

TECHNICAL EXPERTISE

- **ASNT NDT LEVEL II**
- **Software:** AMESim, ANSYS FLUENT, Easy plot ,MS office,

PROJECT WORK

- **LUMPED PARAMETER MODELLING OF CRYOGENIC ROCKET ENGINE** -(Funded by L.P.S.C, Valiyamala)
- **EXPERIMENTAL INVESTIGATION ON CHILLDOWN OF STRAIGHT TRANSFER LINES UNDER PULSATING CRYOGENIC FLOW**
- **FABRICATION OF V.T.O.L TRANSITION DRONE**

COURSES ATTENDED

- **Fundamentals of Digital Marketing-** Goggle
- **Fundamentals of Artificial Intelligence-**University of Helsinki
- **“Cryogenics and Composites: Theory and Applications (CCTA 2020)”-** Dr. B R Ambedkar National Institute of Technology Jalandhar

WEBINAR & FDP

- **A Brief on Additive Manufacturing**” – MZC Kadammanitta
- **Robotics artificial intelligence and control**— MZC Kadammanitta
- **“Cryogenic Engineering (NWCE-2020)”**- Parala Maharaja Engineering College Berhampur, Odisha
- **“ADVANCED FLUID MECHANICS AND HEAT TRANSFER FOR AEROSPACE APPLICATIONS”**-TKM ,Kollam
- **Computer Programming C** – MZC Kadammanitta
- **A Data Analysis Tour Using R And Python**– MZC Kadammanitta
- **Recent Developments In Aerospace Engineering And Aviation**-J C E T, Lakkidi

PUBLICATIONS & CONFERENCE

- **Sanjeev Krishnan and K E Reby Roy (2019)** “AMESIM MODELLING AND ANALYSIS OF PRESSURE BUILDUP IN THE GAS GENERATOR”, **NCRTMCE 2019**
- **Satheesh Chandran C, Sanjeev Krishnan and K E Reby Roy (2019)** “FLOW VISUALIZATION AND PRESSURE DROP STUDY OF OPEN CELL METAL FOAM USING UNIT CELL MODELLING” **NCRTMCE 2019**
- **Jibin Y George, Sanjeev Krishnan and K E Reby Roy (2019)** “NUMERICAL MODELING OF DIRECT CONTACT CONDENSATION OF VERTICALLY INJECTING STEAM IN STAGNANT WATER”, **NCRTMCE 2019**
- **Sanjeev Krishnan and Rahul K Mohanan** “TOWARDS A CONSISTENT THEORY OF GRAVITATION AND UNIFIED THEORY OF INTERACTION” in International Conference **ICRETm-2014**
- **Vijay Raj, Sanjeev Krishnan and Rahul K Mohanan** “HYPERSONIC FLIGHT AND PROPULSION ISSUES” in National conference **RITAM’14**

CO-CURRICULAR ACTIVITIES

- Working as NSS volunteer during 2013 to 2015 at collage level

DECLARATION

I hereby declare that the information furnished here is true to the best of my knowledge.

PLACE:

DATE :

SANJEEV KRISHNAN