CURRICULUM VITAE

Personal data

Dr.S.John Alexis,
Professor,
Dept.of Mechanical Engg.,
Ahalia School of Engineering and Technology,
Ahalia Health,Health & Heritage Village,
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Education

PH.D

PSG College of Technology,coimbatore, Bharathiar University 2008

ME

National Institute of Technology,Trichy ,Bharathidasan University 1995

UG degree

Alagappa Chettiar Govt. College of Engg. & Tech,Karaikudi 1989
Madurai- Kamaraj University

Research focuses/Title of dissertation

Some studies on the forming of Sheets and Tubes using Liquid media.

Teaching

Feb 2021 Since Feb 2025	Professor,	Department of Mechanical Engg. Ahalia School of Engineering & Technology, Palakkad
Sep 2014- Dec 2021	Professor and Head	Department of Automobile Engg. Kumaraguru college of Technology, Coimbatore.
Aug 2013- May 2014	Dean and Professor	Department of Automobile Engineering SNS college of Technology,Coimbatore
June 2012- May 2013	Principal	Pollachi Institute of Technology,Pollachi
Aug 2011 - May 2012	Principal	Indus College of Engineering,Coimbatore
May 2008 - Aug 2011	Principal	Sri Eshwar college of Engineering,Coimbatore
Jul 1999 - May 2008	Asst.Professor	Dept. of Mechanical Engg.,Sri Krishna College of Engg.& Technology,Coimbatore
Jan 1997 - July 1999	Lecturer	Dept. of mechanical Engg.,Sri Ramakrishna College of Engineering,Coimbatore
Jan 1994 - Jan 1997	Sr.Lecturer	Dept. of Mechanical Engg., Christian

Polytechnic,Oddanchatram

Oct 1989 - May 1993 Lecturer Department of MechanicalEngineering,
Karunya Institute of Technology,Coimbatore

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Recent Journal Publications

1. A Comparative Investigation into the Machining Characteristics of Low Carbon Steel Using Surfaced and Standard Cutting Tools,
   K Balasubramanian, SJ Alexis, S Rajagopal,Advances in Transdisciplinary Engineering,2024,10th International conference on Advances in Machinery,Materials and Engineering Applications,MMSE 2024,Vol.58,PP 119-125.
2. Parallel Ant Colony Optimization Algorithm for Robot Path Planning in Dynamic Environment,Sivakumar R, Gunasekaran S, Manickavasagam A and John Alexis S,2023,COJ Robotics & Artificial Intelligence,COJRA.000560. 3(2),PP 1-5.
3. Multi-Objective Optimization for Collaborative Robot Working Environment,Sivakumar R, John Alexis S and Manickavasagam A, 2023,COJ Robotics & Artificial Intelligence,Volume3 Issue3.
4. Fabrication and testing of short fiber composites made of used brush bristles as reinforcement combined with epoxy matrix,Naveen Kumar Chandramohan, G Rajkumar, Arun Bhuvendran, S John Alexis,2021,Materials Today: Proceedings,Volume 37,PP 1932-1937.
5. Studies on the control of cavity pressure on material behavior in sheet hydroforming process,S John Alexis, PS Kumar,2022,AIP Conference Proceedings,Vol.2446,Issue 1
6. Numerical investigation on backpressure developed in adsorbent chamber for emission reduction in diesel engine,S Mohankumar, S Sathish, C Naveenkumar, S John Alexis, S Jenoris Muthiya,2022,AIP Conference Proceedings,Vol 2446,Issue 1.
7. A comparative study on the performance of stainless-steel conical springs used in automotive suspension system,S John Alexis,2022,AIP Conference Proceedings,Vol 2446,Issue 1.
8. Fabrication and testing of short fiber composites made of used brush bristles as reinforcement combined with epoxy matrix,
9. Simulation study of high velocity impact analysis on AA7075 nanocomposites,PS Kumar, S John Alexis, T Babu,2022,AIP Conference Proceedings,Vol 2446,Issue 1.
10. AI-Based Energy Management for Domestic Appliances,C. Pradip, Murugananth Gopal Raj, S. John Alexis, A. Manickavasagam,2023,Marvels of Artificial and Computational Intelligence in Life Sciences , pp 104-120
11. AI-Based Domestic Load Scheduling and Power Management

for Renewable Energy Exporters,Murugananth Gopal Raj, S. John Alexis, A. Manickavasagam, R. Reji,Marvels of Artificial and Computational Intelligence in Life Sciences , pp 88 - 103

Resource person:

Paper presentation: International-**10**,
National- **5** Guest lecture delivered: **5**