



Name of Teaching Staff : Prof. Bronin Cyriac
Designation : Assistant Professor
Department : Mechanical Engineering
Date of Joining the Institution : 04.01.2016

Qualifications with Class / Grade : Ph.D. (Pursuing), Mechanical Engineering, University of Mumbai.
: M.E. Thermal Engineering, PIIT, University of Mumbai, 2015.
: B-Tech. Mechanical Engineering, AJCE, MG University, 2011.

Experience :

- Assistant Professor in DJSCE from January 2016 to till date.
- Assistant Professor in SCOE from July 2015 to December 2015.
- Assistant Professor in LTCOE from July 2014 to April 2015.
- Lecturer in VESIT from July 2013 to July 2014.
- Lecturer in PIIT from July 2012 to July 2013.
- Lecturer in VESIT from August 2011 to July 2012.

Publications :

- Bronin Cyriac, Prof. A.G. Shaligram, Prof. MD Nadar " CFD Modelling of finned tube gas cooler for transcritical operation of CO₂systems" International Journal of Mechanical Engineering and Robotic Research, Vol. 4, No.1, January 2015 ISSN: 2278-0149.
- Bronin Cyriac, M.D. Nadar, A.G. Shaligram, "Effect of operating parameters on the performance of fin and tube gas cooler for trans-critical operation of CO₂ heat pumps", International Journal of Advanced Technology in Engineering and Science (ISSN: 2348-7550), Volume No 03, Special Issue No. 01, September 2015.

Conferences:

- Bronin Cyriac, M.D. Nadar, A.G. Shaligram, "Effect of operating parameters on the performance of fin and tube gas cooler for trans-critical operation of CO₂ heat pumps", 2nd International Conference on Science, Technology and Management (ICSTM-15), ISBN: 978- 81-931039-6-8.

Intellectual Property Rights :

- Patent: Low-Cost Pepper Separator (Patent No: 358408)
- Registration of Design: Spindle for Vehicles (Design No: 318351-001)

Grants fetched : Funding of one lakh by NSTEDB, DST: Government of India for the project 'Pepper Separator'

Certifications : International General Certificate in Occupational Health and Safety from the National Examination Board in Occupational Safety and Health, UK

Interaction with Professional Institutions : Life Member - ISME

FDP/ STTP/ NPTEL Courses :

- AICTE Training and Learning FDP on Exergy and Thermoecomic Investigation in Power Generation Systems from 09-08-2021 to 13-08-2021.
- AICTE Training and Learning FDP on Design of Experiments and Artificial Neural Network from 16-08-2021 to 13-08-2021.
- Four weeks NPTEL course on Effective Engineering Teaching in Practice during Jan-Feb 2020.
- Twelve weeks NPTEL course on Experimental Methods in Fluid Mechanics during Jan-April 2020.
- Twelve weeks NPTEL course on Introduction to Research during Feb- April 2019.
- Completed certificate course on Programming for Everybody (Getting Started with Python) from University of Michigan (Coursera).
- Completed certificate course on Python Data Structures from University of Michigan (Coursera).
- Completed certificate course on Machine Learning for All from University of London (Coursera).
- Completed certificate course on Assessment in Higher Education from Erasmus University Rotterdam (Coursera).
- Completed certificate course on Learning to Teach Online from UNSW Sydney (Coursera).
- Teach the Trainer (T3) workshop on Applied Statistical Analysis conducted by IBM. During 28 June to 2 July 2020.
- Attended training on Connected Vehicles conducted by TCS on 25 August 2020.
- Attended training on Intellectual Property Rights conducted by TCS on 24 August 2020.