

# AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

Ph: 044 – 26842627 / 26842086

## DEPARTMENT OF

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| <b>NAME &amp; INITIALS</b>       | Dr.J.MOHAMMED FEROS KHAN                   |
| <b>DESIGNATION</b>               | ASSISTANT PROFESSOR                        |
| <b>EDUCATIONAL QUALIFICATION</b> | M.E. Ph.D                                  |
| <b>EXPERIENCE</b>                | 15 Years 7 Months                          |
| <b>DATE OF JOINING</b>           | 01.011.2023                                |
| <b>EMAIL ID</b>                  | dr.mdferoskhan@aalimec.ac.in               |
| <b>AREA OF SPECIALISATION</b>    | Power Electronics, Wind Energy, Converters |



## EDUCATIONAL QUALIFICATION

| DEGREE | BRANCH / SPECIALIZATION                | INSTITUTION                                  | UNIVERSITY      | YEAR |
|--------|--|--|-----------------|------|
| Ph.D   | Wind Energy Power Converters           | THIAGARAJAR COLLEGE OF ENGINEERING           | ANNA UNIVERSITY | 2020 |
| M.E    | POWER ELECTRONICS AND DRIVES           | GOVERNMENT COLLEGE OF ENGINEERING, SALEM     | ANNA UNIVERSITY | 2007 |
| B.E.   | ELECTRICAL AND ELECTRONICS ENGINEERING | PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE | ANNA UNIVERSITY | 2005 |

**PROFESSIONAL MEMBERSHIPS**

ISTE Membership No. LM – 63455  
IAENG Membership No. 274764

**FDP ATTENDED**

- Attended a 3 days Faculty Training Program on ‘Fundamentals of Data Science’ at Jappiar Engineering College, Chennai organized by Tamilnadu Skill Development Corporation (TNSDC)

**WORKSHOPS ATTENDED**

## SEMINARS ATTENDED

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## PUBLICATION DETAILS

Wilfred, C. B., George, S. M., Sivaranjani, S., Selvan, S., Khan, J. M. F., & David, D. B. (2022, April). An Intelligent Energy Management System with an Efficient IoT based Deep Learning Framework. In *2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)* (pp. 33-37). IEEE.

Raj, P. A. C., Kavitha, P., Sophia, S., Thilagam, K., Devi, V., & Khan, J. M. F. (2021). IoT based stir casting system of aluminium MMC. *Materials Today: Proceedings*, 45, 2818-2820.

Rajalakshmy, P., Jayanthi, G., Khan, J. M. F., Kavin, R., Rani, S. S., & Jose, P. S. H. (2021). Role of sensor technology in liquid level measurement of molten metal. *Materials Today: Proceedings*, 45, 2524-2527.

Ravikumar, N., Sharmila, P., Premnath, S. P., Rai, R. S., Khan, J. M. F., & Subbiah, R. (2021). Performance and optimization of parameters on rubber punching process. *Materials Today: Proceedings*, 45, 2581-2583.

KHAN, J. M. F., & VADIVOO, N. S. (2019). A novel enhancing LVRT capability of DFIG based wind turbine systems. *Journal of Electrical Engineering*, 19(3), 27-27.

Venkatesh, V., Harikrishnan, V., & Feroskhan, J. M. Hysteresis Current Control of Split Capacitor type Elementary Additional Series Positive Output SLC.

## CONFERENCE DETAILS

Mohammed feros khan J, Dr.N.ShanmugaVadivoo” Low Voltage Ride Through of Doubly Fed Induction Generator byFuzzy Controller and Maintaining The Transient Stability” 6<sup>th</sup> International Conference on Electrical Energy Systems – ICEES 2020 20 – 21 February 2020, SSN College of Engineering, Kalavakkam, Chennai.

Manikandan M, Mohammed feros khan J, ” A Fuzzy Control Architecture to coordinate Renewable Energy sources and energy Storage System in Islanded Microgrids” 7<sup>th</sup> International Conference on Emerging Trends in Engineering and Technology – ICETET’ 20, 13 – 14 March 202 , Pandian Saraswathi Yadav Engineering College, Arasanoor, Sivagangai.

Saravana selvan.D, Mohammed feros khan.J, Umayal.V and Indumathi.M ” Simulation of Fuzzy Logic Control Based MPPT Technique for Photovoltaic System” International Institute of Engineers conference Sept.’2014 Penang (Malaysia).

**ACHIEVEMENT DETAILS**

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