

## Faculty Profile

### Mr. Shalom Irenc

Assistant Professor (AGP 6000)

Department of Electrical and Electronics Engineering

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Google Scholar ID: vaX0erAAAAAJ



### Academic Background

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Degree	Branch	University	Year
Ph.D	Electrical Engineering	Karunya institute of Technology and Sciences	On-Going
M.Tech	Renewable Energy and Technology	Karunya institute of Technology and Sciences	2019
B.Tech	Electrical and Electronics Engineering	Karunya institute of Technology and Sciences	2017

### Professional Experience

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Name & address of the Institution/ Organization	Post held	Period of service	
		From	To
Karunya Institute of Technology and Sciences (A Deemed University), Karunya Nagar, Coimbatore	Assistant Professor (AGP 6000)	30 July 2022	<b>Till Date</b>
<b>Total Experience = 7 Months</b>			

### Research Areas

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- Rural Electrification
- Microgrid Applications
- Battery Energy Management Techniques
- Component Sizing for Renewable Energy

### Recent Courses Taught

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- Virtual Instrumentation Theory and Application
- Electrical and Electronics for Civil Engineering
- Basic Electronics for Aerospace Engineering

## **Responsibilities Held**

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- Admission Coordinator for KITS
- Men's Hostel Senior Residential Advisor

## **Academic Performance Index**

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- Publications in International Journals - 2
- Publications in International Conferences - 1
- Publications in National Conferences - 2
- Participation and Presentation in International / National Conferences - 1
- Participation in FDP / Workshops / STTP / Seminars / Guest Lectures - 2

## **Industry Collaborations / Interactions**

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- Android APP Development with EZZA Group

## **Recent Scopus Publications:**

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1. Irenc, L. B. S., & Selvakumar, A. I. (2021). Optimal sizing of various types of microgrids - A review. *Journal of Engineering Science and Technology Review*, 14(6), 176-192. doi:10.25103/jestr.146.21
2. Shalom Irenc, L. B., Josh, F. T., & Joseph, J. J. (2019). Battery modelling for a photovoltaic system with battery management system using fuzzy logic controller. *International Journal of Recent Technology and Engineering*, 8(1), 335-339.