



# GRACE COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to ANNA University, Chennai)  
MULLAKKADU, THOOTHUKUDI - 628 005

## FACULTY PROFILE

Name : Dr. K. M. Alaaudeen  
Designation & Department : Assistant Professor  
Gender : Male  
DOB : 27.09.1988  
DOJ : 02.08.2023  
Father's Name : K. Mohamed Hussian  
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## EDUCATIONAL QUALIFICATION:

Degree	Course	Month & Year of Passing	Name of the School/College & Board/University	Regular/ Part Time	CGPA Marks	Class Obtained
UG	B.E (CSE)	2010	Sree Sowdambiga College of Engineering	Regular	71	First
PG	M.E. (VLSI)	2012	Anna University Madurai	Regular	81	First
Ph.D	Ph. D	2023	Thiagarajar College of Engineering	Part Time		
Other						

## EXPERIENCE:

Name of the College	Designation	Duration	
		From	To
Mohamed Sathak Engineering College	Assistant Professor	20.06.2012	31.07.2023
Grace College of Engineering	Assistant Professor	02.08.2023	Till Date
<b>Total Teaching Experience</b>			<b>11 Year 6 Months</b>

**ADDITIONAL QUALIFICATION IF ANY :**

i. GATE Score (In case of B.E. / B.Tech.):-

ii. NET / SLET -

Title of Ph.D. Thesis \*: Design and Development of Metamaterial Structures and Signal Processing Algorithms for Vehicular Communications

Faculty in which Ph.D. was awarded: -

**MEMBERSHIP IN PROFESSIONAL BODIES:**

Professional Body	Type of Membership	Membership Number

**PAPERS PRESENTED IN CONFERENCE/SYMPOSIUM:**

Date	Venue	Paper Title	ISBN/ISSN if any	Conference Title

**PAPERS PUBLISHED IN JOURNAL :**

Title of the Paper	Authors	Name of the Journal	Volume Number & Page Number	ISBN/ISSN if any	Year of Publication
Low-cost, broadband electrically small microstrip antenna using I-shaped metamaterial structure for WLAN/WiMAX and 5G vehicular applications	KM Alaaudeen, T Aruna, G Ananthi	Physica B: Condensed Matter	643, 414144		2022
An improved strong tracking Kalman filter algorithm for real-time vehicle tracking	KM Alaaudeen, T Aruna, G Ananthi	Materials Today: Proceedings	64, 931-939		2022

Design and Modelling of Surface Plasmon Resonance Biosensor Employing BaTiO <sub>3</sub> and Graphene Nanostructure for Detection of SARS-CoV-2 Virus	KM Alaaudeen, S Manoharadas, V Dhasarathan, S Rajeshkannan	Plasmonics,	1-11		2024
Intelligent robotics harvesting system process for fruits grasping prediction	KM Alaaudeen, S Selvarajan, H Manoharan, RH Jhaveri	Scientific Reports	14 (1), 2820		2023
A COLUMN-DECOUPLED 9T CELL FOR LOW POWER DIFFERENTIAL AND DOMINO-BASED SRAM DESIGN	KM Alaaudeen, A Prasath	Journal of Computer Applications	Volume-5, Issue EICA2012-1, February 10, 2012		
A Conformable Design of Hemispherical Helical Antenna For Ocean Monitoring	AI Rayhana, KM Alaaudeen	International journal ssrg	Special issue ICRTETM 50-53		2019

### **WORKSHOPS & FDP ATTENDED :**

FDP/Workshop Title	Venue	Date	Duration

### **BOOKS AUTHORED:**

Title of the Book	Authors	Publishers	ISBN/ISSN if any	Year of Publication

### **Publications:**

In Journals :

National 0

International 6

In Conferences :

National 0

International 0

**Any other relevant information:**

**DECLARATION**

I solemnly, hereby declare that the above-mentioned information is true to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

A handwritten signature in blue ink, consisting of stylized, cursive letters that appear to be 'GAL S'.

**Signature of the Faculty**