



**MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING**  
**ISO 9001:2008 CERTIFIED INSTITUTION**  
(Approved by AICTE, NEW Delhi and affiliated to Anna University, Chennai)  
34, Old Mahabalipuram Road SIPCOT – IT Highway  
Chennai – 603 103.



### FACULTY DATA SHEET

**FACULTY NAME** : RAJA J

**DESIGNATION** : ASSISTANT PROFESSOR

**DEPARTMENT** : ECE

**DATE OF BIRTH & AGE** : 05/09/1988 & 30

**AADHAR NUMBER** : 460584794485

**PAN NUMBER** : BJIPR7086P

**PASSPORT NUMBER** :-

**ADDRESS FOR COMMUNICATION** : 3/37 Pilaiyar kovil st, Mandapam (vill),  
Panayapuram (P.O),  
Villupuram - 605601

**AREA OF INTEREST** : 1. Low Power VLSI  
2. Digital Electronics  
3. VLSI Devices  
4. Optical Communication

**CONTACT NUMBER (OFFICE)** : **Extn:**



#### EDUCATIONAL QUALIFICATION:

Category	Name of the Degree	Specialization	Year of Passing	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.E	ECE	2009	Anna University, Chennai	74.5	First
PG	M.E	VLSI Design	2012	Anna University, Coimbatore	8.1	First
Ph.D.	Ph.D	VLSI Devices	Pursuing	VIT University		

**ACADEMIC/INDUSTRIAL EXPERIENCE:**

Name of the Organization	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Mohamed Sathak A.J College Of Engineering	<b>Assistant Professor</b>	Lecturing, Mentoring,	<b>04/07/2012</b>	-	<b>06</b>	<b>06</b>	
<b>Total</b>					<b>06</b>	<b>06</b>	

**PUBLICATION DETAILS:**

S.No	International/National Journal & Conference	Paper Title
<b>1</b>	International Journal of Pure and Applied Mathematics, 2017	CHARACTERISTIC ANALYSIS OF HARD EXUDATES IN RETINAL IMAGES
<b>2</b>	World Journal of Engineering Research and Technology	Hard Exudate Detection In Retinal Images Using Statistical Parameters
<b>3</b>	AIIS Journal Of Advances in ECE(JAECE)	Red Lesion Detection Using Dynamic Shape Features For Retinal Images
<b>4</b>	International conference on Emerging trends in information & Communication technology	Boat Localization And Warning System For Border Identification
<b>5</b>	International conference on Emerging trends in information & Communication technology	Low Cost Mileage Meter
<b>6</b>	National Conference on Signal Processing, Communications and VLSI Design	A Low Power Pipeline Shift-Add FFT/IFFT Processor For OFDM Applications
<b>7</b>	International Conference On Computing Techniques, Embedded Systems & Drives	“Low Power High Performance True Single Phase Clock Dual Modulus Prescaler”

**RESEARCH GRANT / CONSULTANCY (Sanctioned/Ongoing)**

<b>S.No</b>	<b>Agency</b>	<b>Grant/Consultancy Details</b>
<b>1</b>	<b>Tamil Nadu State Council for Science and Technology</b>	One day National Seminar on Radar Navigation and Antenna Applications
<b>2</b>	<b>IETE</b>	Recent Trends Fiber Optic Communication in TELECOM Industry

**Any Other information:**

- IETE Students forum Co-Ordinator.
- Guided 13 BE Projects and 2 ME Projects.
- IEEE Graduate Student Member ID:93362199

It is certified that all the information provided are true to the best of my knowledge.



**Signature of the Faculty**