



## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai-600055.

Ph:044-26842627/26842086

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NAME & INITIALS	BIRLA X	
DESIGNATION	Assistant Professor	
EDUCATIONAL QUALIFICATION	B.E, M.Tech	
EXPERIENCE	7.6 Yrs	
DATE OF JOINING	31-01-2025	
E-MAIL ID	birla@aalimec.ac.in	
AREA OF SPECIALISATION	Deep Learning	

### EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.E	Computer Science and Engineering	Govt College of Engineering, Tirunelveli	Anna University	2008
M.Tech	Computer and Information Technology	Manonmaniam sundaranar Uniivrsity	Manonmanium sundaranar Uniivrsity	2011

### PROFESSIONAL MEMBERSHIPS

### FDP ATTENDED

- I. Attended a FDP on “Energy conservation through Energy Audit” at Uptoskills on 3/11/2025
- II. Attended a FDP on “How to improve API score in Teaching Profession” at Uptoskills on 30/10/2025
- III. Attended a FDP on “Full stack with Java” at ANNA UNIVERSITY from 28/07/2025 to 02/08/2025
- IV. Attended a FDP on “Cyber-Physical Security in Practice: Strategies for Building Resilient and Secure Ecosystems” at AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING from 25/08/2025 to 30/08/2025.

### WORKSHOPS ATTENDED

- I. Attended in a Two-day ISTE WORKSHOP on “Aakash for Education” conducted by Indian Institute of Technology Bombay on 10<sup>th</sup> & 11<sup>th</sup> November, 2012
- II. Attended in a Two-Week Workshop on “Database Management Systems” Conducted by IIT Bombay under the National Mission on Education through ICT (MHRD, Govt. of India) on 21<sup>st</sup> – 31<sup>st</sup> May, 2013.
- III. Attended in a Two-day WORKSHOP on “Net Blitz” organized by CISCO Networking Academy at AMIRTA University on Mar 31-Apr 1, 2007.
- IV. Attended a WORKSHOP on “Digital Image Processing using MATLAB” organized by Department of ECE at National College of Engineering on 25<sup>th</sup> Sep2012.

### SEMINARS ATTENDED

- I. Attended a seminar on “CLASS ROOM INTERACTION” conducted by ISTE CHAPTER at National College of Engineering on 14<sup>th</sup> July, 2009.
- II. Attended a seminar on “SATELLITE AND ITS APPLICATIONS” organized by CSI STUDENT BRANCH at National College of Engineering on 26<sup>th</sup> August 2010.
- III. Attended a seminar on “RECENT TRENDS IN CLOUD COMPUTING” conducted by IETNCE STUDENT CHAPTER in association with Techno Alliance at National College of Engineering on 17<sup>th</sup> December 2011.
- V. Attended a seminar on “Evolutionary Computation”, organized by ISTE at National College of Engineering on March, 2012.
- VI. Attended a seminar on “OPTIMIZATION TECHNIQUES IN ELECTRICAL SYSTEMS”, organized by AICTE at National College of Engineering on 12<sup>th</sup> Nov2013.

### PUBLICATION DETAILS

I.	Paper titled “MACHINE LEARNING STRATEGIES FOR DETECTING CREDIT CARD FRAUD”, International Conference on Innovative Technologies and Engineering , Chennai 9th May 2025
II.	Paper titled “Evaluation Approaches for Displaying HDR images”, International Conference on Innovative Trends in Computing &Technology, Vadakkankulam, 7th and 8th March 2014.
III.	Paper titled “Enhancement of Images using Gain map”, International Journal of Service computing and Computational Intelligence, September 2011.
IV.	Paper titled “Evaluation of Approaches for Displaying HDR images”, International Conference on Advances in Engineering and Technology, Nagapattinam, 27th and 28th May 2011
V.	Paper titled “A review on global tone reproduction technique for HDR images”, International Conference on Embedded Electronics and Computing System, Chennai, 29th and 30th July 2011.
VI.	Paper titled, “Media Streaming on Mobile Environments”, International Conference on Embedded Electronics and Computing System, Chennai, 29th and 30th July 2011.
VII.	Paper titled, “A Review on Mobile Wimax”, International Conference on Embedded Electronics and Computing System, Chennai, 29th and 30th July 2011.
VIII.	Paper titled, “Implementation of an Enhanced Hybrid Intrusion Detection System”, International Conference on Embedded Electronics and Computing System, Chennai, 29th and 30th July 2011.
IX.	Paper titled “A Router Based Algorithm for Distributed Denial of Service Attack”, International Conference on Computer System and Communication Technology, Tirunelveli, 5th May 2010.
X.	Paper titled “Evaluation of HDR Tone Mapping methods”, National Conference on Recent trends in communication, Tirunelveli, 18 <sup>th</sup> March 2011.
XI.	Paper titled “A Real time Wireless sensor Network”, National Conference on Emerging trends in computer Engineering and Technology, 17 <sup>th</sup> March 2010.
XII.	Paper titled “Architecture for Detection of Intrusion in wireless sensor Networks”, National Conference on Emerging trends in computer Engineering and Technology, 17 <sup>th</sup> March 2010.
XIII.	Paper titled “Improving Software Maintainability through risk analysis”, International Journal of Recent Trends in Engineering, November 2009.

### PATENT DETAILS

## ACHIEVEMENT DETAILS