

# ILAHIA COLLEGE OF ENGINEERING AND TECHNOLOGY

ARUNKUMAR M (M.Tech, PhD pursuing)

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## Qualifications

Qualifications	Course	Institution	University	CompletionDate / Status
Post-Graduation	M.TECH in Data Security	Toch Institute of Science and Technology	Cochin University of Science and Technology	08 Oct 2013
Ph.D	Cloud Security	Sathyabama Institute of Science and Technology	Sathyabama University	Pursuing

## Certification Program

Course	Institution	University	Completion Date
CCNA (Cisco Certified Network Associate)-Instructor	Amrita Vishwa Vidyapeetham, Coimbatore	Amrita University	06 Oct 2020
NPTEL	Sponsored by IIT Kharagpur	IIT Kharagpur	15 Apr 2019
Diploma in .NET Technologies	NIIT	NIIT Academy	15 Feb 2011
Developing Applications Using Core JAVA	NIIT	NIIT Academy	16 Mar 2009

Course	Institution	University	Completion Date
5th National IT Aptitude Test	NIIT	NIIT Academy	18 Jan 2009

### Professional Experience

Duration	Expreience	Status	Organization	Department	Designation	Keyareas
17 Feb 2014-22 Feb 2021	07 Years, 0 Months, 5 Days	Currently Associated	Ilahia College of Engineering and Technology	Computer Science and Engineering	Assistant Professor	Computer Networks, Switching Theory and Logic Design, Advanced Microprocessors, Design and Analysis of Algorithms, System Software, Data Communication, Cryptography and Network Security.
01 Jul 2013-14 Feb 2014	00 Years, 7 Months, 13 Days	Previously Working	Mar Athenasius College of Engineering	Computer Science and Engineering	Guest Lecturer	Switching Theory and Logic Design, Advanced Micro processors
01 Mar 2013-30 Apr 2013	00 Years, 1 Months, 29 Days	Previously Working	Mar Baselious Institute of Technology and Science	Computer Science and Engineering	Guest Lecturer	Computer Networks

Duration	Expreience	Status	Organization	Department	Designation	Keyareas
15 Feb 2011-15 Jul 2011	00 Years, 5 Months, 0 Days	Previously Working	Worked as Head of the Centre in IRC, Muvattupuzha.	IT Centre	Centre Support	Programmer

ResearchCloud Computing, Cloud Security, Machine LearningAcademicsComputer Networks, System Software, Switching Theory and Logic Design, Design and Analysis of Algorithms, Advanced Micro Processors, Operating System.

#### Achievements/Awards

Type	Achievments/Awards
Achievement	Received the "Award for Social Service" for Best NSS Unit for Renovating Adimaly Taluk Hospital from Hon.Minister Aryadan Muhammed during academic year 2015-2016.
Achievement	Received the "Award of Excellence" for Social Service outside the campus of ICET during academic year 2015-2016.
Achievement	N-ACE (NSS- Academic Consultant in Engineering) member of NSS Technical Cell, Kerala during the year 2016-17.
Achievement	Received "NSS State Agriculture Award for best Unit and Programme Officer" during the academic year 2016-17.
Achievement	Received "NSS Special Appreciation Award for best Unit and Programme Officer " during the academic year 2018-19
Achievement	Best Paper Award in the National Conference on "Advances in Computing and Information Security" held on 18th and 19th July 2013
Achievement	Runner up position in All Kerala Inter College Teachers Cricket Tournament Organized by Dept. of Physical Education, Rajagiri School of Engineering and Technology, Kochi from 16- 18 April 2015
Achievement	Representing Kerala- in Pilot Testing the Module for Training of Trainers on Youth and Peace Building Organized by the Centre for Training , Orientation and Capacity Building at the Rajiv Gandhi National Institute of Youth Development, Sripeumbudur, Tamil Nadu from 08m-12 August, 2017
Achievement	Coordinator of Ethical hacking workshop conducted by Wegilant Solutions in association with IIT Bombay year 2013( Toc H Institute of Science
Achievement	Punarjani Award 2017-18 - Hospital renovation Project( Govt. of Kerala), NSS Units under NSS Technical Cell.

Type	Achievements/Awards
Achievement	NSS Mini Punarjjani Award 2017 from V.K Ebrahimkunju, former Minister of Public Works of the Govt. of Kerala.
Achievement	Punarjjani Award 2016-17 - Hospital renovation Project( Govt. of Kerala), NSS Units under NSS Technical Cell.
Achievement	Taken Trainer Certification for CCNA (Cisco Certified Network Associate) from Amrita Vishwa Vidyapeetham, Coimbatore
Achievement	Got new digital credential from CISCO Networking Academy.

## Publications

### Review Publications:

- Publication Type: ReviewPublications
- Title: Adding Extra Links and Repairing Existing Links in Website
- Indexed In: Other
- Event Status: International
- Main Author: Arunkumar .M
- Co-Author:
- Journal Name: IJMEIT
- Date: 2015-09-09
- UGCapproval: Not Approved
- ISSN No:
- Volume: 2
- Issue:
- Page Number:
- Year: 2015
- Details:

### Review Publications:

- Publication Type: ReviewPublications
- Title: Advanced Group Key Distribution Protocol with Hardware Token Security
- Indexed In: Other
- Event Status: International
- Main Author: Soni Devi D.S
- Co-Author: Arunkumar .M
- Journal Name: International Journal of Scientific Research
- Date: 2014-11-01
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year: 2014
- Details:

## Review Publications:

- Publication Type: ReviewPublications
- Title: Video Copy Detection Using F- SIFT and SURF Descriptor Algorithm
- Indexed In: Other
- Event Status: International
- Main Author: Shabeeba Ibrahim
- Co-Author: Arunkumar .M
- Journal Name: IJMEIT
- Date: 2014-10-10
- UGCapproval: Not Approved
- ISSN No:
- Volume: 2
- Issue:
- Page Number:
- Year: 2014
- Details:

## Review Publications:

- Publication Type: ReviewPublications
- Title: Access to Geo Fenced resources from Registered Locations
- Indexed In: Other
- Event Status: International
- Main Author: Shabeeba Ibrahim
- Co-Author: Arunkumar. M
- Journal Name:
- Date: 2014-09-10
- UGCapproval: Not Approved
- ISSN No: 2277 - 8179
- Volume: 5
- Issue: 9
- Page Number:
- Year: 2014
- Details:

## Review Publications:

- Publication Type: ReviewPublications
- Title: Secure Erasure Code based Cloud Storage with Secure Data Forwarding
- Indexed In: Other
- Event Status: National
- Main Author: Arunkumar .M
- Co-Author:
- Journal Name: National Conference on Advances in Computing and Information Science.
- Date: 2013-07-19
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year:

- Details:

### Research Publications:

- Publication Type: ResearchPublications
- Title: Mining High Utility Itemsets from its Concise and Lossless Representations
- Indexed In: Other
- Event Status: International
- Main Author: Arunkumar .M
- Co-Author:
- Journal Name: IOSR Journals
- Date: 2015-10-15
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year:
- Details:

### Research Publications:

- Publication Type: ResearchPublications
- Title: Search Re-ranking Based on Circular Re-ranking with Multimodality Fusion
- Indexed In: Other
- Event Status: International
- Main Author: Surumy Shahul
- Co-Author: Arunkumar M
- Journal Name: NCICAN
- Date: 2014-11-01
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:
- Year: 2014
- Details:

### Research Publications:

- Publication Type: ResearchPublications
- Title: Improving Website Structure by Adding Links
- Indexed In: Other
- Event Status: International
- Main Author: Nithya Paul
- Co-Author: Arunkumar.M
- Journal Name: NCICAN
- Date: 2014-11-01
- UGCapproval: Not Approved
- ISSN No:
- Volume:
- Issue:
- Page Number:

- Year: 2014
- Details:

Seminars/Workshops/Conferences/Presentation/Poster Presentation

### Seminars:

- Event Status: National
- Title: Faculty Development Programme on "Data Science using R"
- Start and End date: 06 Aug 2020 - 11 Aug 2020
- Organizing Body: organized by the Department of Computer Science and Engineering, Sathyabama Institute of science and technology, Chennai
- Role: organized by the Department of Computer Science and Engineering, Sathyabama Institute of science and technology, Chennai
- Details:

### Seminars:

- Event Status: National
- Title: Faculty Development Programme on
- Start and End date: 24 Jun 2020 - 28 Jun 2020
- Organizing Body: SRM Institute of Science and Technology, Chennai
- Role: SRM Institute of Science and Technology, Chennai
- Details:

### Seminars:

- Event Status: State
- Title: Five day Faculty Development Programme on "Glide Through Cognitive Computing"
- Start and End date: 16 Dec 2019 - 20 Dec 2019
- Organizing Body: Department of Computer Science and Engineering in association with ISTE Sponsored by APJ Abdul Kalam Technological University
- Role: Department of Computer Science and Engineering in association with ISTE Sponsored by APJ Abdul Kalam Technological University
- Details:

### Workshops:

- Event Status: State
- Title: State Level Programme Officers Workshop
- Start and End date: 26 Aug 2017 - 27 Aug 2017
- Organizing Body: APJ KTU and DTE
- Role: APJ KTU and DTE
- Details:

### Conferences:

- Event Status: State
- Title: Programme Officers Annual Conference
- Start and End date: 15 Oct 2016 - 16 Oct 2016
- Organizing Body: Muthoot Institute of Technology and Science
- Role: Muthoot Institute of Technology and Science
- Details:

## Conferences:

- Event Status: National
- Title: Secure Erasure Code based Cloud Storage with Secure Data Forwarding
- Start and End date: 18 Jul 2013 - 19 Jul 2013
- Organizing Body: ToCH Institute of Science and Technology
- Role: ToCH Institute of Science and Technology
- Details: Organized by Department of CSE

## Seminars:

- Event Status: International
- Title: Wireless Communication, Mobile Computing and Emerging Technologies (WICOMET)
- Start and End date: 26 Sep 2011 - 28 Sep 2011
- Organizing Body: ToCH Institute of Science and Technology
- Role: ToCH Institute of Science and Technology
- Details:

## Seminars:

- Event Status: International
- Title: Know Everything Related to research
- Start and End date: 23 Jul 2020 - 28 Jul 2020
- Organizing Body: IEEE and CSI Chapter, ICET
- Role: IEEE and CSI Chapter, ICET
- Details:

## Seminars:

- Event Status: International
- Title: Know Everything Related to research
- Start and End date: 23 Jul 2020 - 28 Jul 2020
- Organizing Body: IEEE and CSI Chapter, ICET
- Role: IEEE and CSI Chapter, ICET
- Details: Five Days Faculty Development Programme

## Seminars:

- Event Status: National
- Title: A Journey from Graduate to Professional
- Start and End date: 27 Aug 2020 - 27 Aug 2020
- Organizing Body: Department of Computer Science and Engineering in Association with CSI Chapter, ICET
- Role: Department of Computer Science and Engineering in Association with CSI Chapter, ICET
- Details:

## Seminars:

- Event Status: State
- Title: NSS General Orientation
- Start and End date: 20 Sep 2020 - 20 Sep 2020
- Organizing Body: SCMS School of Engineering and Technology
- Role: SCMS School of Engineering and Technology
- Details:

## Seminars:



- Event Status: State
- Title: How to use Cloud Computing Effectively ( Theory to Practice)
- Start and End date: 11 May 2020 - 13 May 2020
- Organizing Body: School of Computing, Sathyabama Institute of Science and Technology
- Role: School of Computing, Sathyabama Institute of Science and Technology
- Details:

### Poster Presentation:

- Event Status: State
- Title: 51st NSS Day Celebration organized by NSS Units of ICET
- Start and End date: 24 Sep 2020 - 24 Sep 2020
- Organizing Body: NSS ICET
- Role: NSS ICET
- Details:

### Workshops:

- Event Status: International
- Title: Pilot Testing the Module for Training of Trainers on Youth and Peace Building Organized by the Centre for Training , Orientation and Capacity Building
- Start and End date: 08 Aug 2017 - 12 Aug 2017
- Organizing Body: Rajiv Gandhi National Institute of Youth Development, Sripeumbudur, Tamil Nadu
- Role: Rajiv Gandhi National Institute of Youth Development, Sripeumbudur, Tamil Nadu
- Details:

### Workshops:

- Event Status: State
- Title: Empanelled Training Institute For NSS
- Start and End date: 11 Jan 2016 - 17 Jan 2016
- Organizing Body: Rajagiri College of Social Science
- Role: Rajagiri College of Social Science
- Details:

### Presentation:

- Event Status: State
- Title: NSS General Orientation
- Start and End date: 24 Sep 2020 - 24 Sep 2020
- Organizing Body: NSS ICET
- Role: NSS ICET
- Details:

### Conferences:

- Event Status: National
- Title: NCICAN
- Start and End date: 30 Nov 2014 - 01 Dec 2014
- Organizing Body: CSI
- Role: CSI
- Details:

### Seminars:

- Event Status: State

- Title: FDP on "Computer Architecture" by Dr. John Jose, IIT Guwahatti
- Start and End date: 18 Jul 2018 - 20 Jul 2018
- Organizing Body: CSI ICET
- Role: CSI ICET
- Details:

### Workshops:

- Event Status: State
- Title: Sexual abuse and Harassment
- Start and End date: 24 Jan 2020 - 24 Jan 2020
- Organizing Body: Women Cell ICET, NSS ICET
- Role: Women Cell ICET, NSS ICET
- Details: The awareness class and open debate on "Sexual abuse and harassment" were handled by Mrs. Siji T. K (Trained Faculty of adolescent counselling cell of Higher Secondary Department, GHSS, punnayurkulam, Guruvayur).

### Seminars:

- Event Status: International
- Title: International Webinar on "Security in Cyberspace"
- Start and End date: 09 Nov 2020 - 13 Nov 2020
- Organizing Body: MBITS
- Role: MBITS
- Details:

### Seminars:

- Event Status: International
- Title: International Webinar on "Application of Blockchain Technology in Global vaccine Development and Production"
- Start and End date: 17 Nov 2020 - 18 Nov 2020
- Organizing Body: SNGIST Group
- Role: SNGIST Group
- Details:

### Seminars:

- Event Status: International
- Title: Smart Perspectives of IOT on Green Technologies Series I
- Start and End date: 30 Nov 2020 - 05 Dec 2020
- Organizing Body: AICTE
- Role: AICTE
- Details: Hosted by Gandhi Institute for Technology, Bhuvaneswar

### Seminars:

- Event Status: International
- Title: Smart Perspectives of IOT on Green Technologies Series II
- Start and End date: 07 Dec 2020 - 12 Dec 2020
- Organizing Body: AICTE
- Role: AICTE
- Details: Hosted by Gandhi Institute for Technology, Bhuvaneswar

### Seminars:

- Event Status: International
- Title: Smart Perspectives of IOT on Green Technologies Series II
- Start and End date: 14 Dec 2020 - 19 Dec 2020
- Organizing Body: AICTE
- Role: AICTE
- Details: Hosted by Gandhi Institute for Technology, Bhubaneswar

#### Extension Activities

Title	Start And End Date	Role	Details
Coursera Online Learning Platform College Coordinator	30 Mar 2020 - 20 Oct 2020	Convener	
Department Scholarship Coordinator	10 Jul 2018 - 20 Oct 2020	Coordinator	
NBA Department Criteria V Coordinator	17 Mar 2020 - 21 Oct 2020	Coordinator	
OBSQURA- Technical Festival of ICET	09 Feb 2016 - 10 Feb 2016	Programme Refreshment Coordinator	Technical Festival of ICET with 40 Lakhs budget. Showcased number of technical events. More than 8000 participants within the state.
NARTHAK-National Level Dance Festival	03 May 2019 - 04 May 2019	Programme Committee	National Level Dance Festival to enrich the talented students in extracurricular activities.
Leader's Conclave	21 Oct 2017 - 24 Oct 2019	Programme Committee	A grand program by incorporating leaders from Different fields.Hon'ble Justice Kamal Pasha inaugurated the same.Followed by the leaders Varun Chandran(Director,corporate 360,Rahul Easwer-activist,Hibi Eden-MLA,Thasveer Muhammed(Actor)
Graduation Ceremony (2015-19 Batch)	17 Jun 2019 - 19 Jun 2019	Programme Committee	Chief Guest: Mr. KHATHIM K, FOUNDER
Graduation Ceremony (2014-18 Batch)	22 Jun 2018 - 22 Jun 2018	Programme Committee	Chief Guest: Sri.Sunil Balakrishnan Global Head for Development Centre Operations UST Global,Infopark,Cochin.
Graduation Ceremony (2013-17 Batch)	19 May 2017 - 19 May 2019	Programme Committee	Chief Guest: JUSTICE Mr. ABDUL REHIM, JUDGE, HIGH COURT OF KERALA

Title	Start And End Date	Role	Details
OBSQURA- Technical Festival of ICET	16 Feb 2017 - 18 Feb 2017	Programme Committee	
Orientation for MCA	18 Nov 2020 - 18 Nov 2020	Speaker	
Orientation for First Year B.Tech Students ( Social Awareness Programme)	27 Oct 2020 - 27 Oct 2020	Speaker	

## References

Name	Qualification	Designation	Organisation	Emaild	Mobile Number
Dr. Sreela Sreedhar	PhD	Head of the department, Computer Science and Engineering	Toch Institute of Science and Technology, Arakkunnam, Ernakulum	sreela@tistcochin.edu.in	9847749701
Dr. Surekha Mariam V	PhD	Professor	Mar Athanasius College of Engineering Kothamangalam	surekha@mace.ac.in	9447871768