

AKHIL K.M.

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CAREER OBJECTIVE

Seeking an opportunity where technical skills and academic potential can be best used to achieve and encourage creativity and higher-order thinking in a way that increases student performance.

ACADEMIC PROFILE Course	Board / University	School / College	Year of passing	Percentage / CGPA
Ph.D.	Amrita Vishwa Vidyapeetham	Amrita School Of Arts and Sciences, Mysuru	Pursuing	
MCA	Amrita Vishwa Vidyapeetham	Amrita School Of Arts and Sciences, Mysuru	2017	6.6
BCA	Amrita Vishwa Vidyapeetham	Amrita School Of Arts and Sciences, Mysuru	2014	6.6
PUC	Board of Vocational Higher Secondary Education	WOVHSS Muttill, Wayanad	2011	72
SSLC	Board of Secondary Education, Kerala	GHSS Kakkavayal, Wayanad	2009	81

EXPERIENCE 1

- **INSTUTION:** Amrita School of Arts and Sciences, Mysuru Campus.
- **JOB TITLE:** Technical Associate (2017-Aug-10 to 2019-jun-30).
- **JOB DESCRIPTION:**
 - System maintenance and software maintenance.
 - Troubleshooting of **LAN issues**.
 - Solving **hardware issues**.
 - Stock supervisor.
 - Audio and mixer management.
 - **Teaching experience** in 2 semesters since July 2018.

EXPERIENCE 2

- **INSTUTION:** Amrita School of Arts and Sciences, Mysuru Campus.
- **JOB TITLE:** Assistant Professor cum Research Associate (2019-July-4 to Till date).

- **JOB DESCRIPTION:**

- Implement innovative instructional methods.
- Guide, lead and mentor students in research projects as well as application projects.
- Evaluate, monitor and mentor student academic progress.
- Create, innovate and implement career-enhancement programs and activities for students and faculties as FDP.
- Support teaching assistants.
- Coordinate and participate in departmental and college activities.
- Serve and support functional activities of departmental committees.
- Assess, review and evaluate student co-curricular activities and progress.
- Assist and support guide in his day-to-day tasks and functions.
- Research work on the topic Wireless Sensor Network.
- **Ph.D. Title:** Self-Localization of Sensor Nodes Using Machine Learning Algorithms

PROJECTS

- **TITLE:** Organization's Vehicle Management System.
OBJECTIVE: Tracking of vehicles, which a company provided for their employees using C# .Net.
- **TITLE :** SMART MYSORE USING PHP
OBJECTIVE: To develop a user friendly web application that provide information about hotels, restaurants, local taxi and travels to tourists.
- **TITLE :** CAREER GUIDANCE USING C# .NET
OBJECTIVE: To develop a user friendly web application that provides information about the leading educational institution and career opportunities.

RESEARCH ACHIEVEMENTS

- Registered for PhD in 2019 September
- Completed one course work on December 2019
- Presented a paper in IEEE conference conducted from VIT.
- Published the paper and indexed in Scopus.
- Pursuing two course work papers.

PAPERS PUBLISHED

- **TITLE:** Research on “**Localization of Wireless Sensors in WSN using Machine Learning Algorithms**”
Objective: A research on the localization of wireless sensor network in large scale, using Machine learning algorithms.
- **TITLE:** Research on “**Cloud Data Security using Parallel AES Algorithm And Division Of Encrypted Data**”
OBJECTIVE: A research paper for applying encryption to the data in the cloud environment using AES algorithm and division of encrypted data into servers.

SEMINARS ATTENDED

- Workshop on **PENETRATION TESTING** by Dr. Maneesh Kumar, regional student coordinator, **CSI**.
- Workshop on **CLOUD COMPUTING** by Mr. Saneesh, software engineer SAP Labs, Bangaluru (alumni).
- Workshop on **SOFTWARE QUALITY ASSURANCE AND PROJECT MANAGEMENT** by Ms. Mousmi Sarkar, Senior project manager Infosys Mysuru.

TECHNICAL SKILLS

- ASP.NET
- C#
- SQL
- C++
- HTML

AREAS OF INTEREST

- Data structure
- DBMS
- Operating system
- Computer network
- Computer Hardware

PERSONAL STRENGTHS

- Mutualism
- Responsible
- Quick learner
- Leadership
- Compassionate.

PROFESSIONAL MEMBERSHIPS

- Student member of Computer Society of India (CSI).
- Student member of AYUDH.
- IEEE Member.

ACHIEVEMENTS

- NAAC Criteria 5 Member.
- Successfully volunteered Brahmasthanam Varshikothsavam 2017 at Amrita Vishwa Vidyapeetham Mysore
- Successfully coordinated the International Event Amritavarsham 60 at Amritapuri Campus.
- Successfully volunteered Brahmasthanam Varshikothsavam 2013 at Amrita Vishwa Vidyapeetham Mysore

- Successfully volunteered in an event DEBUGGER during Antarprerana conducted by Amrita Vishwa Vidyapeetham, Mysore

CO-CURRICULAR ACTIVITIES

- NSS Special Camp leader during PUC
- Active NSS Volunteer during PUC (consecutive 2 years).
- Petrol leader for Scout and Guide during 10th.
- Student Coordinator for an International Event Amrita Varsham 60 at Amritapuri Campus.

PERSONAL INFORMATION

- Date of Birth : 27-09-1993
- Nationality : Indian
- Languages : English, Malayalam

HOBBIES

- Cooking.
- Farming.
- Glass painting.