

# Abinaya. M

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## Summary

I will work hard to be a positive influence in the lives of my students. I keep up with the most effective teaching methods, by attending various conferences and involving myself in professional development. I am a creative teacher dedicated to the field of education with continuous day to day self-enrichment.

## Experience

### Cardamom Planter's Association College, Bodinayakanur

Aug 2022 – present

#### Assistant Professor of Computer Science

- Taught courses covering VB , Database Design management with SQL Data structures & Networking , E-Commerce
- Guide, lead and mentor students in research projects.
- Evaluate, monitor and mentor student academic progress
- Developed lectures addressing variety of computer science topic to engage and educate students.
- Motivating the students to participate various technical sports and cultural activities.
- Create, innovate and implement technology –driven teaching methods, utilizing e-learning platforms and coding labs to enhance student engagement and comprehension.

### Theni College of Arts & Science, Theni

Jun. 2017 – Aug 2022

#### Head of the Department in Computer Science (In charge)

Jul. 2021 – Aug 2022

- Taught courses covering Python , Java , Database Design management with SQL Data structures & Networking
- Create and implement the yearly department development plan including identifying targets for improvements across the department
- Regularly evaluate the teaching methodologies used within the department in order to identify best practice and areas for improvement
- Assessed and advised final year student in their project work.
- Developed and implemented a computer science curriculum that met the needs of a diverse group of virtual learners.
- Participated in on-campus activities to support students outside of classroom.
- Assist and support senior professors in this day-to-day tasks and functions.

#### Assistant Professor of Computer Science

May 2019 – Jun. 2021

- Worked as a facilitator for different sections of computer course work.
- Taught in part with an innovative, interdisciplinary team – teaching program design.
- Effectively taught Programming Languages (C, C++, Java, VB and Python), Data Structures and SDLC as well.
- Organized class scheduling for computer science department for several years.
- Created a comprehensive course syllabus and provided student guidance on best practices for utilizing technology.

## Assistant Professor of Computer Science

Jun. 2017 – Jun. 2018

- Taught a section on computer criticism, including computer history, theory and technical vocabulary to the students.
- Organized and led group discussions on social and academic issues.
- Taught digital principles & computer algorithms to students.
- Best in topics – Data communication, Computer Networking, Mobile computing and Software Engineering.
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### CONFERENCE DETAILS:

- Presented a paper entitled **“Transformative Technology Impact of Crypto currency on the Digital Economy”** in the International Conference on **“Emerging Trends in Science, Technology, Engineering and Management”** organized by **Bharath Niketan Engineering College**.

## Education

### BACHELOR OF EDUCATION | JUN. 2019 – APR. 2021 | SOURASHTRA COLLEGE OF EDUCATION THENI, TN-625534

- Major: Computer Science | Percentage: 80%
- **Related coursework:**
  - **Curriculum Development for Digital Learning:** Designed digital lesson plans incorporating multimedia resources, e-learning platforms and virtual labs to enhance the teaching of Computer Science in schools.
  - **Educational Technology Integration:** Explored methods for integrating technology into classroom settings, focusing on tools like interactive whiteboards, educational apps and digital assessment platforms.

### MASTER OF PHILOSOPHY | JUN. 2018 – APR. 2019 | THENI COLLEGE OF ARTS & SCIENCE,

MADURAI KAMARAJ UNIVERSITY, MADURAI, TN - 625021

- Major: Computer Science | Percentage: 88%
- **Related coursework:**
  - **Thesis work:** To enhance a security on Web search engine keywords, construct privacy preserving storage efficient encrypted data sets in cloud computing. So, it protects data from being viewed by unauthorized person. We formalize and solve the problem of effective keyword search over encrypted cloud data while maintaining keyword privacy. Keyword search basically provides enhanced security by using latest Encryption algorithms and retrieving closest possible matching files.
  - **Skills Development:** Developed technical skills such as programming, problem – solving, and leadership capabilities. Converting technical thoughts to the next level of thinking by utilizing various research papers on computer field.

### MASTER OF SCIENCE | 2015 - 2017 | THENI COLLEGE OF ARTS & SCIENCE, THENI, TN - 625534

- Major: Computer Science & Information Technology | Percentage: 92%
- **Related coursework:**
  - **Classroom Adaptation:** Self equipped for the classroom environment by taking various software topics seminars and developed logics learning related to Programming languages to take seminar explanation very clear and in a unique way.

**BACHELOR OF SCIENCE | 2008 - 2011 | THENI COLLEGE OF ARTS & SCIENCE, THENI, TN - 625534**

- Major: Information Technology | Percentage: 88%
- **Related coursework:**
  - **Fundamental:** Learned fundamental Programming Logics and strategies to optimize future coming updates and technologies to get quickly learn.
  - Learned various methodologies of programming languages.
  - Elaborated knowledge about Web application methodologies and working strategies.

**HSC | 2008 | PG HR. SEC. SCHOOL, BODINAYAKANUR, THENI, TN - 625513**

- Major: Computer Science | Percentage: 72%

**SSLC | 2006 | PG HR. SEC. SCHOOL, BODINAYAKANUR, THENI, TN - 625513**

- Percentage: 81%

## **Skills & Abilities**

### **TEACHING**

- Effectively teach programming languages - Logics clearing, Concepts deriving and concentrating on both theory and practical as well. Ex: OOPS, C, C++, Java, .Net, VB, DBMS, PHP and Python.
- Knowledge in Computer Hardware and different kinds of Applications as well.

### **STUDENT DEVELOPMENT**

- Encourage students to participate in an Open Discussions on various topics.
- Providing value to increasing class morale and create a more energized learning environment.
- Improving the progress of struggling students and class text scores in a unique way.
- Proficiency in Microsoft Office and SMART Board Lesson Development.

### **COMMUNICATION**

- Effective Communication to create positive and encouraging classroom management.
- Concentrating and Developing writing skills to create proper lesson plans, speaking skills to lecturing student in a more efficient way and Listening skills because, I am the best teacher. I know how to listen my students to encourage Open – Ended discussions and encourage questions.

## **Declaration**

*I hereby confirm and verify that all the information mentioned here, and I take full responsibility for its accuracy and authenticity.*

Date:

Place: Theni, TN

(ABINAYA M)