



**Mrs. S. AASHA., M.Sc., M.Phil(CS)., NET(CS).,**



**bcssa@aimancollege.edu.in**

## **QUALIFICATION**

- ❖ **B.Sc., (CS), (2009)**                      **AIMAN College of Arts and Science for Women, Trichy**
- ❖ **M.Sc., (CS), (2011)**                      **AIMAN College of Arts and Science for Women, Trichy**
- ❖ **M.Phil., (CS), (2017)**                      **Jamal Mohamed College, Trichy**
- ❖ **NET (CS), (2018)**                      **University Grant Commission, New Delhi.**

## **CONFERENCE PRESENTED**

- ❖ **Presented a paper on the title "BUSINESS TRANSFORMATION FROM BARTER TO DIGITAL" at the International Conference on JEPPIAAR ENGINEERING COLLEGE On JULY 2020, ISBN 978-93-89817-32-4.**
- ❖ **Presented a paper on the title "ROLE OF E-LEARNING" at the International Virtual Conference On "The New Normal": Virtuality, Personal Branding, and Humanities Education in the Post -COVID Era organised by Vellore Institute of Technology, Chennai.**
- ❖ **Presented a paper on the title "SMARTNESS OVERLOADED WITH SUSTAINABLE DEVELOPMENTS" at Online Internatioanl Conference on "New Normal- Corporate and self-management in current scenario" by Gautama Buddha University.**
- ❖ **Presented a paper on the title "LIGHT COMMUNICATION (LI-FI) FOR ONLINE LIVE STREAMING" at "1st Online International Conference**

on Advance in Computing, Communication and Control" by IIMT University, Meerut, U.P., and India.

- ❖ Presented a paper on the title "LITERATURE AND WOMEN" at Two-Day International Web Conference , "Reimagining the Role of Technology in Humanities" conducted by Anand Arts College.
- ❖ Presented a paper on the title "SMART AGROTECH USING IOT" at INTERNATIONAL VIRTUAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND APPLICATIONS (ICCIA-2020) by Mohd.Sathak AJ College of Engineering.
- ❖ Presented a paper on the title " TECHNOLOGY FOR RURAL DEVELOPMENT " ISBN:"978-93-87748-36-1" at AICTE SPONOSORED International E-Conference "INNOVATION IN RURAL EMPOWERMENT ,SOCIAL DYNAMICS & WELFARE IN INDIA" by Nanadha College of Technology on SEP 15 2020.
- ❖ Presented a paper on the title "ARTIFICIAL INTELLIGENCE IN VIRTUAL EDUCATION" at Virtual International Conference on "Metamorphosis of Modern Management and Research (IC 3MR 2.0) by Bannari Amman Institute of Technology, Sathyamangalam, Erode.
- ❖ Presented a paper on the title "EDUCATIONAL SUSTAINABILITY WITH ICT" at International e-Conference on Sustainability Challenges & Transforming Opportunities: Amidst Covid19 under Strengthening by S S Khanna Girls Degree College.
- ❖ Presented a paper on the title "LITERATURE AND WOMEN" Three Days International Webinar organised by Madhya Kamrup College and Shodhsamvad-Research Forum Present global scenario of Indian language, literature and Culture.

- ❖ National Conference on “Advanced Computing” in NCAC (15<sup>th</sup> March-2017) organized by PG and Research Department of Computer Science at Jamal Mohamed College, Trichy in technical collaboration with Computer Society of India.
- ❖ INTERNATIONAL CONFERENCE PARTICIPATED THROUGH ONLINE MODE = 19
- ❖ NATIONAL CONFERENCE PARTICIPATED THROUGH ONLINE MODE = 1

### **Journal Publications**

- ❖ A research paper entitled “Prediction of online products by hybrid feedback based recommendation system” was published in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), volume 06, Issue 8, Aug 2017.
- ❖ Published a paper titled "LIGHT COMMUNICATION NETWORK FOR REAL TIME MONITORING IN HOSPITAL MANAGEMENT" on IJAMEA JOURNAL, VOLUME XII, ISSUE VII, JULY-2020 ISSN NO:0886-9367.
- ❖ Published a paper titled "SECURE BANKING WITH DATABASE SECURITY USING ENCRYPTION BASED NEGATIVE PASSWORD SCHEME" in UGC Care list 1 Journal JUNI KHYAT JOURNAL ISSN: 2278-4632, IMPACT FACTOR: 6.625.
- ❖ Published a paper titled “AQUAPONICS RAFT SYSTEM WITHOUT FILTER IN SOILESS AGRICULTURE” JOURNAL OF INTERDISPILINARY CYCLE RESEARCH ISSN: 0022-1945.
- ❖ Published a paper titled “ROLE OF E-BOOKS AND E-LEARNING” International Journal of Researches in Social Science and

Information Studies' in special issue (III) July-2020 with e-ISSN 2347-8268.

- ❖ Published a paper titled "COVID 19: PARADIGM SHIFT IN TEACHING E-LEARNING" on IJIRMF 2455-0620.
- ❖ Published a paper titled "ROLE OF DIGITAL EDUCATION SYSTEM DURING POST COVID -19" on International Journal of Researches in Social Science and Information Studies' in special issue 2347-8268.
- ❖ Published a paper titled "LIGHT COMMUNICATION APPLICATIONS BASED ON LI-FI" on IRJASH 2582-4376.
- ❖ Published a paper titled "SMART CITY DEVELOPMENT USING IoT" International Journal for Academic Research and Development, ISBN: 978-81-947536-0-5.

#### **INTERNATIONAL WORKSHOPS ATTENDED**

- ❖ Attended International Workshop on "IMAGE RESTORATION TECHNIQUES WITH MATLAB" conducted on 02-10-2016 and 03-10-2016 organized by PG and Research Department of Computer Science at Jamal Mohamed College, Trichy.
- ❖ Attended International Workshop on "Online Research Methodology" by REST Society for Research International conducted on 18 April, 2020 to 20 April, 2020.
- ❖ Attended International Workshop on "A Seven-Day International Workshop on Reinforcement of Quality Education" by Vellalar College for Women (Autonomous), Erode conducted on 26 June 2020 to 02 July 2020..
- ❖ Attended International Workshop on "IoT and Cloud Computing Techniques for Data Analysis with Modern AI Tools" by St. Martin's

**Engineering College, Dhulapally, Secunderabad, T.S, India conducted on 16th August to 18th August 2020**

- ❖ **Attended International Workshop on “Robotics and Photonics” by St. Joseph's Institute of Technology conducted on 20th August, 2020.**
- ❖ **Attended International Workshop on “Role of Artificial Intelligence in Industrial Automation and Agriculture” by Adikavi Nannaya University conducted on 21st August, 2020.**
- ❖ **Attended National Workshop on “Effective Online Teaching-Learning Using Google Forms” by Mahanth Madhusudan College, Bikram, Patna conducted on 5th August, 2020.**
- ❖ **Attended National Workshop on “Documentation & Profile Management for NAAC & API” by K. Ramakrishnan College of Technology, Samayapuram, Trichy, conducted on 10.6.2020.**
- ❖ **Attended National Workshop on “Effective Communication and Professional Development ” by Teachers’ Training College, Bhagalpur, conducted on 29th& 30th June, 2020.**

❖ **WORKSHOPS ATTENDED THROUGH ONLINE MODE = 9**

#### **INTERNATIONAL FDP ATTENDED**

- ❖ **Attended in 1 Week International FDP on the topic “INNOVATIVE TRENDS IN ENGINEERING AND TECHNOLOGY” on 25th May to 29th MAY, 2020.**
- ❖ **Attended in 1 Week International FDP on the topic “Leadership Excellence” on 17th June to 23rd June 2020.**
- ❖ **Attended in 1 Week International FDP on the topic “Leadership Excellence” on 17th June to 23rd June 2020.**

- ❖ **Attended in 1 Week International FDP on the topic “Recent Trends in Computer Science” on 22.07.2020 to 28.07.2020.**
- ❖ **Attended in 1 Day International FDP on the topic “Metacognitive Strategies : Constructive Teaching Learning Environment involving Constrictivism ” on 07th June 2020.**
- ❖ **Attended in 1 Day International FDP on the topic “Mental Wellbeing in Personal and Professional Life ” on 28th May, 2020.**
- ❖ **Attended in 1 Week International FDP on the topic “Recent Trends in Computer Science & IT ” on 13th – 17th July, 2020.**
- ❖ **Attended in 1 Day International FDP on the topic “Academic Publication Strategy - Planing & Execution” on 10th June, 2020.**
- ❖ **Attended in 2 Day International FDP on the topic “Security Analysis and Portfolio Management (SAPM) - A Hand Traning” on 26th & 27th June, 2020.**
- ❖ **Attended in 5 Day International FDP on the topic “DIGITAL TOOLS FOR RESEARCHERS AND ICT ONLINE TOOLS IN TEACHING” on 20th July to 24th July 2020.**
- ❖ **INTERNATIONAL FDP ATTENDED THROUGH ONLINE MODE = 14**
- ❖ **NATIONAL FDP ATTENDED THROUGH ONLINE MODE = 6**
- ❖ **FDP ATTENDED THROUGH ONLINE MODE = 33**

## **GOVERNMENT PROGRAMME**

- ❖ **MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING successfully completed a 4-Week Faculty Induction Programme for "Faculty in Universities/Colleges/Institutes of**

**Higher Education" from September 01- September 30, 2020 and obtained a grade A.**

- ❖ MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING successfully completed 2-Week Faculty Development Programme on "MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0" from July 25 - August 10,2020 and obtained grade A.**
- ❖ Sydenham Faculty Development Centre (SFDC) MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING successfully completed One Faculty Development Programme on "ADVANCING TOWARDS SUSTAINABLE TEACHING LEARNING & EVALUATION METHODS" from July 10-14 AUGUST 2020 and AWARDED grade A.**
- ❖ Two day International webinar on revisiting human rights ethics and environment during covid 19-6-7-August 2020 organized by TLC centre for human rights department of environment under PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.**
- ❖ Special Course on "Basic Principles of Remote Sensing Technology" April 13- 25, 2020 Organized by Indian Institute of Remote Sensing Indian Space Research Organization (ISRO) Department of Space, Govt. of India Dehradun.**

❖ **Ministry of Micro, Small & Medium Enterprises (M/o MSME)**  
**Artificial Intelligence with ML Tool Conducted on 30th Oct 2020.**

**ICT ACADEMY WEBINAR - SKYCAMPUS PROGRAMS**

<b>1</b>	<b>Technology For Future</b>	<b>Future of AI inspired by Customer Use Cases for AI-ML</b>	<b>09-04-2020</b>
<b>2</b>	<b>Technology For Future</b>	<b>Robotic Process Automation: Basics and Beyond</b>	<b>10-04-2020</b>
<b>3</b>	<b>Technology For Future</b>	<b>Introduction to VMWare Cloud</b>	<b>11-04-2020</b>
<b>4</b>	<b>Technology For Future</b>	<b>Introduction to VMWare Cloud</b>	<b>11-04-2020</b>
<b>5</b>	<b>Technology For Future</b>	<b>Accelerating Experiential Learning in Engineering</b>	<b>13-04-2020</b>
<b>6</b>	<b>Technology For Future</b>	<b>The Future of Making</b>	<b>14-04-2020</b>
<b>7</b>	<b>Technology For Future</b>	<b>Introduction to AI &amp; ML</b>	<b>15-04-2020</b>
<b>8</b>	<b>Technology For Future</b>	<b>Cybersecurity Essentials</b>	<b>16-04-2020</b>
<b>9</b>	<b>Technology For Future</b>	<b>Design Thinking - Preparing the mind for disruption</b>	<b>17-04-2020</b>
<b>10</b>	<b>Technology For Future</b>	<b>Digital Transformation in Enterprise</b>	<b>18-04-2020</b>



11	Leading in a VUCA World	Day 1 - Opening Key Note Sessions (70 mins)	20-04-2020
12	Leading in a VUCA World	Day 2 - Expert Sessions (70 mins)	21-04-2020
13	Leading in a VUCA World	Day 3 - Expert Sessions (70 mins)	22-04-2020
14	Leading in a VUCA World	Day 4 - Expert Sessions (70 mins)	23-04-2020
15	Leading in a VUCA World	Day 5 - Expert Sessions (70 mins)	24-04-2020
16	The Future is Here Now	Day 1 - Opening Key Note Sessions (90 mins)	27-04-2020
17	The Future is Here Now	Day 2 - Expert Sessions (90 mins)	28-04-2020
18	The Future is Here Now	Day 3 - Expert Sessions (90 mins)	29-04-2020
19	The Future is Here Now	Day 4 - Expert Sessions (90 mins)	30-04-2020
20	The Future is Here Now	Day 5 - Expert Sessions (90 mins)	01-05-2020
21	THE FUTURE OF EDUCATION EMPLOYMENT & ENTREPRENEURSHIP	Day 1 - Expert Sessions (90 mins) by	04-05-2020
22	THE FUTURE OF EDUCATION	Day 2 - Expert Sessions (90 mins) by	05-05-2020

	<b>EMPLOYMENT &amp; ENTREPRENEURSHIP</b>		
23	<b>THE FUTURE OF EDUCATION EMPLOYMENT &amp; ENTREPRENEURSHIP</b>	<b>Day 3 - Expert Sessions (90 mins) by</b>	<b>06-05-2020</b>
24	<b>THE FUTURE OF EDUCATION EMPLOYMENT &amp; ENTREPRENEURSHIP</b>	<b>Day 5 - Expert Sessions (90 mins) by</b>	<b>08-05-2020</b>
25	<b>THE FUTURE OF SKILLS - EDUCATION EMPLOYMENT &amp; ENTREPRENEURSHIP</b>	<b>Day 1 - Expert Sessions by</b>	<b>11-05-2020</b>
26	<b>THE FUTURE OF SKILLS - EDUCATION EMPLOYMENT &amp; ENTREPRENEURSHIP</b>	<b>Day 2 - Expert Sessions by</b>	<b>12-05-2020</b>
27	<b>THE FUTURE OF SKILLS - EDUCATION EMPLOYMENT &amp; ENTREPRENEURSHIP</b>	<b>Day 4 - Expert Sessions by</b>	<b>14-05-2020</b>
28	<b>THE FUTURE OF SKILLS - EDUCATION EMPLOYMENT &amp; ENTREPRENEURSHIP</b>	<b>Day 5 - Expert Sessions by</b>	<b>15-05-2020</b>
29	<b>ICT Academy Convergence 2020</b>	<b>ICT Academy Convergence 2020 (Annual Members Meeting)</b>	<b>15-07-2020</b>

**(Annual Members Meeting)**

### **Awards and Membership**

- ❖ **Received ASSIST WORLD RECORD shield for Largest Palm Tree Plantation in Trichy**
- ❖ **Innovation Activity Co-ordinator in Institution's Innovation Cell (IIC)**
- ❖ **Evaluator in Toycathon 2021**
- ❖ **Member in Oracle Academy**
- ❖ **Member in Palo Alto Cyber Security Networks**

### **Area of Interest**

- ❖ **Artificial Intelligence**
- ❖ **IoT**
- ❖ **Wireless Sensor Network**
- ❖ **Data Mining**