ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE
Accredited by the NAAC with 'B' Grade
Vaniyambadi – Tamil Nadu

DEPARTMENT OF COMPUTER SCIENCE – BSc (CS)

STAFF ACHIEVEMENTS

Priya K, M.Sc.,M.Phil.,B.Ed.,PGDCA

PAPER PUBLICATIONS

[1] **Recent methods in medical image segmentation: A review** in Shanlax International Journal of Arts, Science & Humanities, Volume 3, Special Issue 1, ISSN: 2321-788X.

[2] **A review on retinal feature segmentation methodologies for diabetic retinopathy**, in International Organization of Scientific Research(IOSR-JCE), Volume 19, March-April 2017, Issue 2, Ver.1 e-ISSN:2278-0661, p-ISSN:2278-8727, DOI :10.9790/0661-1902010106.

[3] **Analyzation of Image Segmentation Methods Using MATLAB** in JPS Scientific publications, 08 September 2017, ISBN: 978-81-934054-5-1on 08th September 2017.

[4] **A literature review on face recognition system using image processing**, in Shanlax International Journal of Management, Volume 5, August 2017 (UGC approved journal Number 44278), Special Issue 2, ISSN: 2321-4643.

[5] **Clustering Methods and Their Classification on Images**, in Shanlax International Journal of Arts, Science & Humanities, Volume 5, January 2018 (UGC Approved Journal Number 43960), Special Issue. 2, ISSN: 2321-788X.

[6] **Steganography Techniques Used to Hide the Information** in International Organization of Scientific Research (IOSR-JCE), Volume 20, November-December 2018, Issue 6, Ver.1 e-ISSN:2278-0661, p-ISSN:2278-8727, (UGC Approved Journal Number Sl. No. 5019) DOI : **10.9790/0661-2006011619**

[7] **A Novel Pre-Processing Technique to Analyze Various Features on Retinal Images** in Journal of Adv Research in Dynamical & Control Systems, Volume 10, 20 April 2018, SCOPUS

[8] **An Efficient Pre-Processing Method to Extract Blood Vessel, Optic Disc and Exudates from Retinal Images** in International Journal of Research in Advent Technology, Volume 6, 9 September 2018, E-ISSN: 2321-9637

[9]**A Proposed Segmentation and Classification Algorithm of Diabetic Retinopathy Images for Exudates Disease** in International Journal of Engineering & Technology UAE, SCOPUS

[10] **Feasibility approach on Web Services and Security** in IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 32-34 (UGC Approved)

[11] **Analysis and Impact of WhatsApp Messenger usage among students** in IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 35-37 (UGC Approved)

[12] **A Review: WI-VI Technology and Its Application in Cell Phones** in IOSR Journal of Engineering (IOSRJEN), ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 38-41(UGC Approved)

[13] **A Review on Security and Privacy in Manet** in IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 55-57 (UGC Approved)

[14] **Architecture and Applications of Wireless Body Area Network** in IOSR Journal of Engineering (IOSRJEN), ISSN (e): 2250-3021, ISSN (p): 2278-8719 PP 10-13 (UGC Approved)

NATIONAL & INTERNATIONAL LEVEL SEMINARS/CONFERENCES- ATTENDED

[1] **Innovative Challenges in Multidisciplinary Research and Practices,** Hindusthan College of Arts and Science, Coimbatore, Tamil Nadu, 15 June 2020 to 19 June 2020.

[2] **Sky is not the Limit**, ICT Academy, 04 June 2020.

[3] **Employability Skills for the Future**, ICT Academy, 05 May 2020.

[4] **You can do it**, ICT Academy, 02 May 2020.

FACULTY DEVELOPMENT PROGRAMME - ATTENDED

[1] **R Programming,** Indo Global Group of Colleges, New Chandigarh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India), 27 April 2020 to 01 May 2020.

[2] **Artificial Intelligence,** Attended and Completed, AICTE Training and Learning (ATAL), 25 May 2020 to 29 May 2020.

[3] **Latest Wireless and Computing Technologies,** AICTE Recognized FDP, Electronics and Communication Engineering Department, NITTTR, Chandigarh, 14 April 2020 to 18 April 2020.

[4] **Internet of Things,** AICTE Recognized FDP, Electronics and Communication Engineering Department, NITTTR, Chandigarh, 15 April 2020 to 19 April 2020.

[5] **Image Embedded Processing,**AICTE Recognized FDP, Electronics and Communication Engineering Department, NITTTR, Chandigarh, 27 April 2020 to 01 May 2020.

[6] **NAAC Assessment & Accreditation (A&A) for Affiliated Colleges,** Attended and Completed, Internal Quality Assurance Cell (IQAC), Vinayakrao Patil Mahavidyalaya, Vaijapur, 08 June 2020 to 13 June 2020.

[7] **IQAC-FDP Webinar Series**, R.V.Arts and Science College, Karamadai, Coimbatore, 14 May 2020 to 16 May 2020.

[8] **Introduction to Python Programming (Online Live FDP),** ICT Academy, 18 June 2020 to 24 June 2020.

[9] **ICT based Teaching and Learning Process,** Hindusthan College of Arts and Science, Coimbatore, Tamilnadu, 01 June 2020 to 05 June 2020.

[10] **Recent Trends In Digital World,** Department Of Computer Science Shift-1, Patrician College Of Arts And Science, Chennai, 04 June, 06 June and 07 June 2020.

[11] **Recent Amendments in Companies Act 2013,** ICSI - SIRC and the IQAC of The New College (Autonomous) Chennai -14, 27 May 2020.

[12] **Metacognitive Strategies : Constructive Teaching Learning Environment involving Constrictivism,** Hindusthan College of Arts and Science, Coimbatore, Tamilnadu, 07 June 2020.

[13] **Moodle Learning Managment System,** Hindusthan College of Arts and Science, Coimbatore, Tamilnadu, 10 June 2020.

[14] **Excellence Models for Teachers in Changing Economics Scenario,** IQAC, 14 September 2017.

[15]. **Optimization and integration of modern methods of teaching and learning,** IQAC, 14 November 2017.

NATIONAL & INTERNATIONAL LEVEL WEBINARS/WORKSHOPS- ATTENDED

[1] **Writing research papers, Research proposals and Awareness on funding agencies and their funding mechanisms**, Priyadharshini Engineering College, Vaniyambadi, 11 November 2016.

[2] **The Role of Language and Researcher,** Department of English, Immaculate College for Women, Viriyur, 27 April 2020 to 29 April 2020.

[3] **Moodle Learning Management System,** Spoken Tutorial,   IIT Bombay, remotely at Hindusthan College of Arts and Science, Coimbatore, Tamilnadu, 10 June 2020 to 16 June 2020.

SHORT TERM COURSES/ORIENTATION PROGRAM/ TRAINING PROGRAM - ATTENDED

[1] **STC Certified NPTEL Online Course on IOT,** Elite Grade funded by the Ministry of HRD, Govt of India, January 2019 to April 2019.

[2] **Introduction to Virtual Reality,**Authorized by University of London and Goldsmiths, offered through Course era, 28 April 2020.

[3] **PHP and MySQL**, Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India, January 2020.

[4] **Best Practices in Teaching and Mentoring,** UGC sponsored Orientation Programme, 08 April 2012.

[5] **Python 3.4.3 Training,** Attended, D.K.M College for Women, with course material provided by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt on India, January 2020.

Mrs. A. JABEEN, M.Sc., M.Phil

PAPER PUBLICATIONS

[1] Performance Evaluation of Liver Disease Diagnosis Based on Neural Network, in International Journal Scope International Journal of Science,Humanities Management and Technology(SIJSHMT)

Ms.Sharmila, M.Sc., M.Phil.,

POWER SEMINARS - ATTENDED

[1] **Cyber Security**, Marudhar Kesari Jain College, Vaniyambadi, 28 February 2009.

[2] **Web Services**, Marudhar Kesari Jain College, Vaniyambadi, 20 March 2010.

ONLINE SUPER SESSIONS - ATTENDED

 [1] **Employment Skills for The Future**, ICT Academy, 18 June 2020.

[2] **Improving the skill set and changing the Attitude**, Attended, ICT Academy, 5 June 2020.

MS P.Nivetha B.E (Computer Science and Engineering)

FACULTY DEVELOPMENT PROGRAMME - ATTENDED

[1] **Google Apps** Attended, Department of Science and IQAC, Christ college of Science and Management, 29 May 2020 to 30 May 2020.

[2]**Learning Management System (MOODLE)** Attended, Sacred Heart College (Autonomous), Tirupattur, 3 June 2020 to 5 June 2020.

[3]**Recent trends in computer Science and its Research Perspective** Attended, PG & Research Department of Computer Science and PG Department of Computer Application, MKJC,Vaniyambadi, 10 June 2020 to 16 June 2020.

 [4]**Outcome based Education & Digital teaching and Learning** Attended, IQAC, Islamiah College (Autonomous), Vaniyambadi, 14 June 2020.

 [5]**Student's Road to Success: The Changing Role of the Teachers** Attended, Department of Computer science, Don Bosco Yelagiri Hills, 27 June 2020.

NATIONAL & INTERNATIONAL LEVEL WEBINARS/WORKSHOPS-ATTNEDED

[1]**Parallel Programming Approaches & Programming with Open MP** Department of Computer Application, Priyadarshini Engineering College, Vaniyambadi, 22 June 2020.

[2]**The Future of Skills-Education, Employment & Entrepreneurship,** ICT Academy, 11 May 2020 to 15 May 2020.

 [3]**Robotic Process Automation**, ICT Academy, 20 May 2020.

 [4] **Impact of Artificial Intelligence and Cognitive Computing, Post Covid 2019**, ICT Academy, 27 May 2020.

 [5] **Catching the Cyber Virus**, ICT Academy, 29 May 2020.

 [6] **The BIG3: Application and Research Perspective,** G.T.N Arts College, Dindigul, 3 June 2020.

 [7] **Data Visualization using Tableau,** Department of Computer Application, Karpaga Vinayaga College of Engineering and Technology,Chengalpet,7 June 2020.

[8] **Building a Sustainable Future**, ICT Academy, 12 June 2020.

[9] **International Webinar On Recent Trends in Information Sciences**, PG Department of Computer science, Sacred Heart College, Tirupattur,16 June 2020 to 20 June 2020.

 [10] **Recent trends in Data Mining with SSAS Tools,** Department of Computer science and Engineering, Priyadarshini engineering college,Vaniyambadi,6 April 2013.

[11] **Mobile Application Development,** Department of Computer science and Engineering, Bharthidasan engineering college and Computer Society of India,Nattrampalli, ,6 April 2013.

Ms.YASMEEN.C., M.E

FACULTY DEVELOPMENT PROGRAMME - ATTENDED

[1] **PHP and MYSQL**, Spoken tutorial project,IIT Bombay remotely at K.M.G college of Arts and Science,Gudiyattam, 27 April 2020 to 01 May 2020.

[2] **Presentation skills (Online LIVE FDP)**, ICT academy from 06 May 2020 to 11 May 2020.

[3] **Improving the Skill Set & Changing the Attitude**, ICT academy , 05 June 2020.

 [4] **Outcome Based Education & Digital Teaching & Learning,** IQAC, Islamiah College(Autonomous), 14 June 2020.

NATIONAL & INTERNATIONAL LEVEL-WEBINARS/WORKSHOPS-ATTENDED

[1] **The Future of Skills- Education,Employment and Entrepreneurship**, ICT academy,from 11 May 2020 to 15 May 2020.

[2] National Institute of Technical Teachers Training and Research (NITTTR), conducted by RPG polytechnic College, Gudiyattam.

Ms.SHABEENA BEGUM., M.Sc (IT)., NITTTR.,

NATIONAL & INTERNATIONAL LEVEL WEBINARS/WORKSHOP -ATTENDED
[1] "Recent Trends in Network Security", organized by PSG Polytechnic College, Coimbatore from 10.07.2009 to 11.07.2009.

SHORT TERM COURSES -ATTENDED
[1] National Institute of Technical Teachers Training and Research (NITTTR), conducted by RPG polytechnic College, Gudiyattam.

[2] **Online Teaching/Training Programme,** conducted by Centre for Academic Leadership and Course Education Management (CALEM) of UGC HRDC, Aligarh Muslim University from 25.04.2020 to 01.05.2020.