

FACULTY PROFILE
DEPARTMENT OF COMPUTER APPLICATIONS

I. Personal Details:

- a. Name : Dr. Juby George
 b. Designation : Assistant Professor
 c. Date of joining : 23.01.2004
 d. Course taught : BCA
 e. Area of specialization : Data Mining, Pattern recognition, Image Processing,
 Machine Learning
 f. Address with Phone No.

Permanent Address	Present Address
Naduthottiyil House Attappallam P O Kumily, Idukki Dt. Kerala, India 685509 9447902092	Assistant Professor Department of Computer Applications Marian college kuttikkanam[Autonomous] Idukki Dt,Kerala,India-685531 9447902092

II. Academic Qualifications:

Sl.No	Course	Institution	University	Year of Passing
1	PhD Computer Science	School of Computer Science, Mahatma Gandhi University Kottayam	Mahatma Gandhi University Kottayam	February 7 2020
2	Mphil Computer Science	Bharathiyar University Coimbatore	Bharathiyar University Coimbatore	2012
3	MCA	TBAK college Kilakarai	Madurai Kamaraj University	2002
4	BCA	Marian college Kuttikkanam	Mahatma Gandhi University	1998

Additional Qualifications

1. Qualified to be a lecturer at Post graduation level with UGC-NET(A162147, DECEMBER 2003)
2. Cleared MCP certification in Visual Basic.Net offered by Microsoft Corporation Inc, USA

II. Achievements and Awards:

No	Title of the Award	Field	Sponsored by	International/ National/Regional	Year & Month
1	Best Research Paper	Pattern Recognition	IFERP	International Conference organized by VOC College Thoothukudi	April 2018
2	Research Excellence Award	Machine Learning and Pattern Recognition	Institute of Scholars,	An ISO 9001:2015 Certified Institute by International Accurate Certification, Accredited by UASL	October 2020

III. Research Projects

1. Completed UGC sponsored Minor Research project Entitled “Fuzzy C Means Clustering for analysing Gene Expression data”-year2009
2. Completed UGC sponsored Minor Research project entitled”Leaf Image Classification” – year 2011

IV. List of publications in research journal and other proceedings

1. Juby George, Gladston Raj S, Leaf Recognition using Multilayer perceptron, International conference on Energy Communication, Data Analytics and Soft Computing in association with IEEE Madras Section, IEEE Digital Xplore Electronic ISSN: 978-1-5386-1887-5 PoD: 978-1-5386-1888-2.
<https://ieeexplore.ieee.org/abstract/document/8389846>
2. Juby George, Gladston Raj S, Comparison of Leaf Recognition using Multi-layer Perceptron and Support Vector Machine, International Journal of Engineering Research in Computer Science and Engineering, Volume 5, Issue 4 April 2018. ISSN: 2394-2320
<http://academicresearchlibrary.org/plist2.php?proid=696>
3. Juby George, Gladston Raj S, Leaf Identification using Harris Corner Detection, SURF feature and FLANN Matcher, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-11, July 2019.
<https://www.ijitee.org/wp-content/uploads/papers/v8i11/K20160981119.pdf>
4. Juby George, Gladston Raj S, comparative study of different classification techniques for leaf identification UGC Sponsored International Conference on Recent Trends in Advanced Computing (ICRTAC-2019)

V. Details of Presentation as Resorce Person in academic seminars & workshops

- Served as resource person for a training Programme at College level Teachers Organized by Kerala State Higher Education Council in General Informatics on 27/08/2011 at St. Aloysius College, Edathua.
- Taken classes for UGC Sponsored State level Seminar on Fuzzy Data Mining held at ,2011.
- Served as a resource person in the National Seminar on “Image Processing” on 4th February 2016 held at S N College, Cherthala and engaged a session on “Image Analysis with Matlab”
- Served as resource person to engaged a session about “Zotero” a tool used for organizing the references and citations in research to research scholars on 11/07/2020.
- Served as resource person to engage a session about “Opportunities of IT in Pandemic Era” ,a National Webinar Organized by MES College Erumely on 24th July 2020.
- Served as a resorce person to engage a session in STTP about “MLP and SVM in Machine Learning” Organized by Department of Computer Science and Engineering, AmalJyothi College of Engineering in association with AICTE on 8th August 2020.
- Served as a resorce person to engage a session about “Machine Learning” an International Webinar Organized by Holy Cross College of Management and Technology,Puttady on 12th August 2020.
- Participated in Science Leadership workshop organized by Central University of Punjab from June 22 to June 28,2020.
- Resource person in KTU Sponsored Online Faculty Development Program (FDP) on Business Analytics and Data Science from 15th to 19th March 2021.

VI. Other Information

(Membership in academic bodies/professional bodies in College, Other Institutions)

1. Organizing Committee member, International Conference.
2. Question Paper Setter, Kerala University from 2014 onwards
3. Question Paper Setter, Kannur University 2021.
4. Board of studies member, Fatima Mata National College[Autonomous] ,Kollam, Kerala.

5. Board of Studies member ,Department of Physics,Marian College Kuttikkanam [Autonomous]
6. Board of studies member Marian college Kuttikkanam [Autonomous],Kerala.
7. Project Co-ordinator,Department of Computer Applications (Marian College Kuttikkanam)
8. NSS(Marian College Kuttikkanam) Programme Officer from year 2005 to 2008
9. Organised UGC Sponsored National Seminar on the topic Emerging trends in Database Technology(Marian College Kuttikkanam)
10. Organized national level faculty development programme on **“DATA SCIENCE AND ANALYTICS USING PYTHON”** in association with ICT Academy Kerala year 2019.
11. Worked as a Co-ordinator for “Innovative Practises” one of the NAAC Re-accreditation Committee during Reaccreditation during 2009 (Marian college kuttikkanam)
12. NAAC Criteria member for Student Progress and Support
13. Placement Co-ordinator for BCA students
14. Organized and Conducted several Social Outreach programmes for students.
15. Nodal Officer, NSP scholarships and other state level scholarships from 2016 onwards.

Dr.Juby George