MEMOIRS 2019-2020

Department of Computer Science

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Faculty Achievements

2nd July 2019

The paper titled "MULTIVARIATE COMPARITIVE EXPLORATION OF COLLBORATIVE PRINCIPAL COMPONENT ANALYSIS AND SINGULAR VALUE DECOMPOSITION : A STUDY OF EMPLOYEE DATA IN AN INDIAN STATE" by Ms. Ann Baby has been published in UGC approved INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS (IJRAR)

2nd August 2019

Dr.Bindiya M Varghese rendered an orientation session to B TECH Information Technology First Year Batch at RSET Kakkanad on 2nd August 2019.

5th August 2019

Dr. Bindiya M Varghese and Mr. Shiju Thomas M Y attended the Board of Studies Meeting of St. Albert's Autonomous College on 5th August 2019.

13th August 2019

A paper titled "An Improved Stakeholder Identification Technique Using Recurrence Value " by Ms.Jaya Vijayan is accepted for Publication In: Journal of Emerging Technologies and Innovative Research (JETIR):ISSN: 2349-5162;

24th August 2019

Mr.Shiju Thomas M.Y attended the two days international conference on "Artificial Intelligence and Its Imapct on Society" organized by Ecumenical Christian Center, Bangalore held on August 22 and 23, 2019.

INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND ITS IMPACT ON SOCIETY

CERTIFICATE

This is to certify Prof./Dr./Ms./Mr. SHIJU THOMAS .... of ....has been a Delegate / Paper Presenter / Resource Person / Organizer in the International Conference on *Artificial Intelligence and Its Impact on Society* held during August 22-23, 2019 at ECC, Whitefield, Bengaluru.

Prof.Dr.Fr. Mathew Chandrankunnel, CMI
Director
Ecumenical Christian Centre

Dr. Xavier VK
Professor & Head
Department of Economics
JAIN (Deemed to-be-University)

17th September 2019

Ms. Jaya Vijayan will be defending her thesis titled "ELICITA- AN EFFICIENT PROTOTYPING TOOL FOR REQUIREMENTS ELICITATION WITH STAKEHOLDER ANALYSIS" on september 26th 2019 @ Bharathiar University Coimbatore.

24th September 2019

Ms.Jaya Vijayan has published a paper titled , "STAKEFINDER – AN IMPROVED STAKEHOLDER IDENTIFICATION TECHNIQUE USING RECURRENCE VALUE", in the International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 5, page no.131-138, May 2019 :http://www.jetir.org/papers/JETIRDA06023.pdf

26th September 2019

Dr.Ann Baby attended a One-day Workshop on Women in Cyber Security as part of c0c0n -XII Hacking and Cyber Security at St.Teresa's College, Ernakulam on 26th September , 2019.

9th October 2019

Dr. Ann Baby Published a Paper "THE GOOD, THE BAD AND THE UGLY: OPINION MINING ANALYSIS ON USER TWEETS IN TWITTER" in UGC CARE journal, Journal of Emerging Technologies and Innovative Research, May 2019.

30th October 2019

The minor research project titled "Unconventional Career Path Prediction Using Data Analytics "by Ms.Prema S.Thomas has been approved.

18th November 2019

Mr.Sabeen Govind reviewed a research paper in 'Journal of Computing and informatics'-Scopus Q3 quartile journal by Slovak academy of sciences.

10th December 2019

Dr. Ann Baby successfully completed the PHP Tutorial course in Solo learn.

18th December 2019

Ms.Prema S.Thomas successfully completed the Python 3 Tutorial course in Solo learn.

23rd January 2020

Mr.George Joseph attended the "One Day Hands-On Workshop on Internet of Things (IoT)" held on January 23, 2020, organized by the Department of Computer Science, Bharata Mata College of Commerce and Arts, Choondy.

15th February 2020

Ms. Sunu Mary Abraham presented a Research Proposal on the title "An Expert System for evaluating and grading students, based on their understanding of a topic using Concept Map Mining and a Concept Map Recommender System to facilitate student learning", before the Screening cum Progress Monitoring Committee, NCERT, New Delhi on 15/2/2018.

Open Defence

7th August 2019

Ms.Ann Baby Successfully defended her thesis, on August 7,2019 and was awarded Doctorate in Computer Science by the Bharathiar University.

27th September 2019

Ms Jaya Vijayan successfully defended her PhD thesis titled "Elicita - An efficient prototyping tool for requirements elicitation with stakeholder analysis" on September 26th at Bharathiar University, Coimbatore.

26th July 2019

Ms. Sunu Mary Abraham presented the progress report of the ERIC project before the Screening-cum-Progress Monitoring Committee (SPMC) held on **26/07/19** at NCERT, New Delhi.

SOCIAL SENSITIZATION CAMP

29th June 2019

The social sensitization camp for the students of 2nd year MCA students of Rajagiri college of social sciences, kalamassery was held on 29/06/2019. It was held at kottapuram, Ernakulam. The camp was inaugurated by Fr.Paul, Director ,KIDS,kottapuram.The people whose houses where situated near the sea shore was experiencing difficulties due to high waves in the area. Due to which some families had shifted to relief camps. The students came together to extend their time, talents and resources to build a wave breaker for them. They were accompanied by prof. Sunu Mary Abraham and prof. George Joseph Chembarathy. The students participated in the activities wholeheartedly. It was a valuable experience as this camp helped them empathize and come to grips with the harsh living conditions of the people living in kottapuarm.

M POWER 2K19
6th July 2019

A training session "M POWER "was conducted in Alex Hall of Rajagiri college of social science for semester1 MCA (2019-2022).

The session was scheduled for 3 days from 6th to 8th July. The sessions were handled by Mr. Krishna Kumar and Mrs. Mini Krishna Kumar. The Training sessions were held from 9 am to 5pm.

Various activities for team building, etiquette, public speaking etc. were conducted as a part of MPower training session.

EUPHORIA 2K19

27th August 2019

"Euphoria", one of the Rajagiri's most prestigious technical fests conducted by the Department of Computer Science has always caught the attention of every professional as well as non-professional colleges across South India. Being a National fest, its reach keeps on growing and since it is conducted in alternative years it is considered the most awaited fest. Though Euphoria might be a tech-fest, we at Rajagiri try to expand it beyond our horizon by incorporating other factors like dance, cultural events etc.
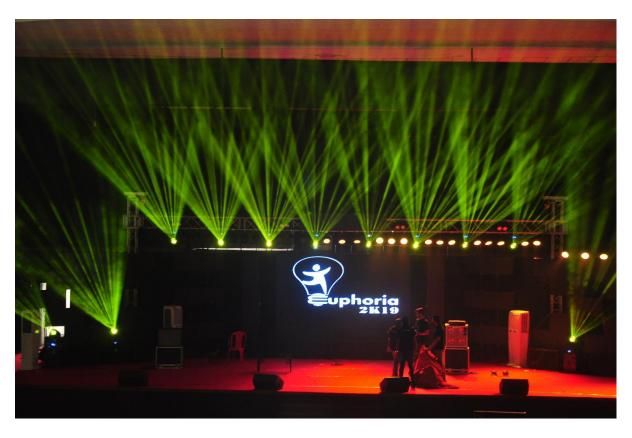

The events that unfolded this year were nothing but excellent as this year's Euphoria 2k19 started off with the "**Green Initiative**". It invited great attention from the media and emphasized how the bio degradable wastes such as old cloths, thrown away bottles and cans, and unused bamboos etc were used to create the decorations for the fest.

Another form of innovation was the development of **"Prof. RED".** A face recognition robot which was developed by **Joseph Philip** of the third year MCA (2017-20). The robot itself was also made using trash materials, bio degradable items and thrown away bottles. Additionally, it was equipped with a computer, a 12MP camera and two speakers. RED is also equipped with hotword detection feature by responding to select keywords such as "Hello Read", "Okay Red" etc. It also has a face recognition feature. So whenever it recognizes the face of a person, it will greet them by calling out the person's name and giving handshake. The robot is programmed using Python 3.6 and Embedded C.

The cultural events along with the technical events did not disappoint. This year the prize money was worth around a whopping **1.5 lakh** which was entirely sponsored by the **Alumni** of Dept. of Computer Science. **Eduomania Overseas Education Consultants** was the Title sponsor, **Club FM** was the media partner. Apart from being the media partner they also cooperated in conducting the **Grihalakshmi Talentum** which was held for the girl students.

The show stopper was the **Battle of Bands** that rocked the stage like no other and filled the stadium in an uproar. It was truly an evening to remember as the students from different parts of the state gathered together and enjoy the festivities.

The technical events did not disappoint as it showed the brilliance and the competitive spirit of the students and The **Grand Hackathon** in technical collaboration with **TCS** showed team spirit and trust in the participants that it helped them in overcoming the different obstacles thrown at them.

Euphoria 2k19 became a success with the participation of over 150 students from across 36 colleges. The Christ University, Bangalore emerged as the Overall Champion.

Student Achievements

16th February 2020

Semester 2 and Semester 4 students participated in various fests conducted by FISAT, Angamaly and St. Joseph's College, Pala Mr. Benin and Mr.Amal of Semester 4 got first prize for web designing and Ms.Joelisa and team got first prize for innovation with a total of Rs.8000 as cash prize for the fest held at St. Joseph's college.

23rd February 2020

Ms.Fathima Basheer and Ms.Sarika Nair of semester 4 MCA presented a paper on "The Forgotten Offenders: Women In Crime" at Marian College, Kuttikanam which was very well appreciated by the panel of judges.
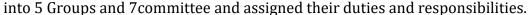
RURAL CAMP
NIRAV 2K19
31st August 2019

The Rural Camp NIRAV 2019 Organized By *Rajagiri College Of Social Sciences* Held From 31st August To 5th September 2019.The Students Of *Rajagiri College Of Social Sciences Kalamassery*, Who Belongs To Various Post Graduation Programs Like MSW, PGDCSW, MCA,MLIC And BLIC Were Directed To participate In Rural Sensitisation Camp In The Village Kalvari Mount, Idukki. The Students Were Divided Into Several Committees And Groups. Each Committees Were Assigned With Different Duties And Responsibilities. Students Performed Various Cultural Programs Under Their Respective Groups.This Camp Was A New Learning Experience For All Students.

On 22nd August & 30th August there was an Orientation to the Rural Camp. In Orientation program students from various departments were divided

into 5 Groups and 7committee and assigned their duties and responsibilities.

There were 157 Students for The Rural Camp And Each Group Had A Strength Of Average 31 Members.Each Committee Consists Of 22 To 25 Students.Each Committees Selected Their Leaders,One From Boys And One From Girls And Discussed Their Duties And Responsibilities In Groups.The Major Statistical Approach That Made   The   Camp   Successful   Was The Preplanning And Orientation Conducted. Each Committee Members Joined Under Their Heads And Divided   Each   Member's Duties And Responsibilities.On The Last Day Of Orientation 30th August Practices For Culture Programs Was Also Held By The Groups.

The Activities Were Done Under The   Guidelines Of Each Committee Heads And Group Leaders. Each Group Got Their Own Work Sites And Tools For Work.The Tools And Work Committee Assigned Work For Each Groups The Group Members Worked Together, It Made A Cohesion And Good Rapport Between Each Group Member From Various Departments. Even Though The Climate Was Not Good,Group Members And Leaders Managed The Situation Very Well.The Support Given By The Faculty Was Also Prominent In The Camp. Cultural Program Was Very Intriguing For The Students After The Field Work, They Did Keep The Standards Of The Program.It Was Opportunity For Themselves To Discover There Own Talent. After The Field Work,Home Visits Were Conducted From 2pm To 4pm. During Home Visits Everyone Visited About 25 Homes And Interacted With People In That Families.

On The Last Day Picnic Was Held For The Students To Explore And Enjoy The Atmosphere In Idukki.All The Students Were Taken To

Cherutoni Dam .All Most All Students Vistided And Enjoyed The Picnic Spot Except The Students Who Were Sick And Was In Kitchen Duty.

Everyone Was Really Tired After Wrapping And Packing Of The Tools And Certain Items To The Bus, The Packing Did Take Place Only After 10 Pm.So After The Packing The Dj Started At 12 Am.

In The Camp Mobile Phones was Restricted And That Made The Students More Interacting And Participating. The Camp Was Ended On 5th September And Everyone Reached College By 3:45 Pm.

Five Day FDP (Funded By RUSA 2.0)
8th February 2020

Machine Learning & Data Visualisation Using Python & MS Power BI

Ms.Prema S.Thomas was the convener for the five-day hands-on Faculty Development Programme on "Machine Learning & Data Visualisation Using Python & MS Power BI " held from 4th - 8th February 2020.Dr. Binoy Joseph,Principal ,Rajagiri College of Social Sciences inaugurated the programme.

A total of 27 participants from 18 different higher education institutions attended the programme. The sessions were handled by Dr.Jeeva Jose ,Mr.Binu A and Mr.Jino Kannen.

Dr.Jeeva Jose Dr. Jeeva Jose took the sessions for Python on the 4th and 5th February followed by Mr. Binu with sessions on TensorFlow on the 6th and 7th and Mr. Jino Kannen with Data Visualisation Using Power Bi on the 8th .

Rajagiri College of Social Sciences
Five Day Hands - On Faculty Development Programme
"Machine Learning & Data Visualisation Using Python and MS Power BI"
February 4-8, 2020
Organized by Department of Computer Science