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# **Rajagiri College of Social Sciences(Autonomous)**

## **Diary of Events-MCA Department**

**( 2016-17)**

### **Aptitude Training for 2017and 2018 Batches**

**June 3, 2016**

Konfidence group conducted full day aptitude training for Semester 3 (2015-18 Batch Session 3 ) and semester 5(2014-17 ,Session 8) batches on June 3, 2016.

### **First Semester ( 2016-19 Batch) Orientation Programme**

**June 6 and 7 , 2016**

The first semester MCA had their orientation programme on June 6th 2016 & June 7th 2016 .

**June 6th 2016**

Summary of sessions:

- Rules and Regulations - Dr. Bindiya M. Varghese, HOD, Dept. Comp Sc
- Vision & Mission of the college - Rev. Fr. Saju M.D CMI, Finance officer
- Deans Address - Dr. Mary Venus
- Library Orientation – Mr. Francis
- Grooming Session – Ms. Molly Mathew

**June 7th 2016**

Summary of sessions:



**Healthy Life style – Ms. Mary John**

- Values and its importance in life - Rev. Fr. Christy , Assistant Manager, St. Albert's
- Healthy Lifestyle - Ms. Mary John, MLTC
- Lab Rules & Regulation - Mr. Tony , Lab Administrator
- Brief on Live labs – Mr. Kiran Thampi, Faculty School of Social Work

### **Mpower Training Programme**

**June 8, 2016**

**“The power communication workshop to unleash the magic within.”**

**Mpower**, the power communication workshop commenced on 8th June 2016 which continued for four days conducted by Mr Krish and Mrs Mridula. The couple has unleashed the magic within each student who attended the work shop. Day 1 began at 9am by a small introduction by Krish sir. Sir started with a clapping activity which made us realise the lack of coordination among us. We concluded with the fact that never be pre assumed with thoughts regarding the situation without having the right knowledge about it. Later we were divided into groups for which we gave a name, a logo, a tag line and also made a group anthem. We learned that every work we do we have to do it with heart mind body and soul. We got to know the unique talents of our group members.

**Day 2** started with a spiritual prayer followed by the thought of the day by a student. The first activity conducted was the mime which taught us that actions can speak more loudly than words. Observing the movie clip shown made us realise that only through continuous practise and passion we can fulfil our goals in life. It even showed us that there will be many distracters or competitors around us fighting for the same goal, in order to pass through all the obstades we have to be honest and hardworking. The next activity conducted was the number 7 activity which taught us the importance of control over mind and body. Mridula maam spoke about the positives and the areas where we have to improve ourselves. Reassembling after the lunch break we had a group discussion for the topics which were given before. Eye contact, clarity in speaking, listing down important points, patient listening when the other group member speak were the points to be taken care of while attending a group discussion. With the group discussion the second day of the workshop concluded.

The thought and the prayer gave a wonderful start for the third of the workshop. The first fact which sir shared with us for the day was “pain can be a fantastic motivator for success”. Some of the girls had come in saris and sir had appreciated them for taking the initiative of wearing the sari by giving them extra points. Sir enlightened us with a new meaning of SOFTEN i.e. S-smile-open minded, F-forward lean. T-touch, E-eye contact and finally N-nodding. The activity called Jamming checked our confidence, audibility and posture when we are speaking to an audience. It made us understand about the different postures while addressing a smaller group as well as a large group. Every group had to come to the stage and talk about different etiquettes followed at variety of places, we also had to present an advertisement for which the topic was given earlier and through this activity we learned how to manage time and display the message within a short span of time.

Finally we come to the final day of the workshop. Since it was the final day every student had come in formals. The first activity was a Jigsaw where some pieces of paper were given and we were asked to form a particular shape. Sir was ready to give clues to the groups who wished to take the clues; at the end of this activity we learned the importance of thanking the person who have helped us to accomplish any task in life. Gratitude is essential for a successful future. Final version of the group anthem was to be presented. The groups had to present a model which would display what they have learned through the workshop. Groups displayed a variety of ideas through their innovative models. Some of the teams also made website and a video for their respective groups. Coming to an end of the day prizes were distributed to the winning team and certificates were presented to the other deserving students.



## **Aptitude Training for 2017 Batch**

### **June 16, 2014 – 17 Batch**

Konfidence group conducted full day aptitude training for Semester 5 . This was the 9th session for them.

## **Faculty Consultancy**

### **June 13,2016**

Dr. Bindiya M Varghese, was the resource person for the FDP "Computer Simulation and Visualization Tools for Research" at Model Engineering College , Thrikkakkara.

## FDP

**Ms. Ann Baby - June 13-17**

**Ms. Sunu Mary Abraham - June 27 To July 1**

**Dr. Bindiya M Varghese And Mr. Sabeen Govind –July 21 to 23**

**Ms. Ann Baby** attended five day Faculty Development Programme on "**Secure Cloud Computing**" organized by Department of Computer Science and Engineering , in association with Computer Science of India, at Toc H Institute of Science & Technology, Arakunnam, Ernakulam from **June 13 to June 17**.

**Ms Sunu Mary Abraham** attended a 5 days Short term Training Programme on "**Digital Image Processing**" at Viswajyothi College of Engineering and Technology, Vazhakulam from **June 27 to July 1**.

**Dr. Bindiya M Varghese**, participated in the short term course on **R programming** organized by Dept. of Computer Science, MA College of Engineering, Kothamangalam from **July 21 to 23**.

**Mr. Sabeen Govind** , participated in the short term course on **R programming** organized by Dept. of Computer Science, MA College of Engineering, Kothamangalam from **July 21 to 23**.

## Industry Interaction

**July 23,2016**

Rajagiri School of Computer Science conducted an interactive session on the topic "Expectation from IT professionals from the early years" on July 22nd 2016. This talk was given by Dr. Benny Joseph, Chief Executive Officer, Jubilee Mission Hospital, Medical College & Research Institute. He was also a faculty member of Rajagiri centre for Business Studies. He delivered an inspired talk throughout the session. He made it clear that All IT professionals are expected to demonstrate progressive development within the domains of professional knowledge, practice and commitment. He showed the statistical data of employable students decreasing in our country. Dr. Benny Joseph conveyed about the early life of a fresher in an IT firm would be important enough to learn new things and to develop discipline. IT companies have projects of various kinds, ranging from development to support. Without undermining any kind of work, the opportunities in some areas will be more as compares to some other area. It's beneficial to find our strong area and find a suitable platform so that we can flourish. From his life's experience he explained about the "why" in life. He also drilled the importance of communication, attitude, cultural sensitivity, interpersonal skills and leadership. The whole session was like leaking the question paper of being successful as a fresher.



## Aptitude Training

### July 25th, 2014 – 17 Batch

Konfidence group conducted full day aptitude training for Semester 5 . This was the **10th** session for them.

### August 4 ,2016

The 11th session for Semester 5 was held on August 4,2016

## Turning Point

### July 27 to 31 Semester 3, 2015-18 Batch

The 3<sup>rd</sup> semester students had Turning point programme from 27- 31 July 2016. The resource persons were Dr.Thomas George and Professor Sivakumar. The first day of the programme was handled by professor Sivakumar,a young and energetic personality who opened a platform for the students to shed off their shyness. He also did some activities which actually can be implemented in real life. After every activity each student was allowed to analyse it and discussion the improvements. The end of the section was emotional as the students expressed their sincere gratitude to him as to a brother.

Following days were handled by Dr.Thomas. He made everyone to speak up. His ability to argue with any topics was extra ordinary. He made everyone express their opinion about each topic. Each day the sessions went on till midnight. But it was not tiring because the sections were interesting and interactive. Overall the programme was an interesting and remarkable experience.



## FDP

### August 3 ,2016

Ms.Prema S.Thomas attended a one day seminar on "**Modeling And Simulation Of Systems Using MATLAB and Simulink** " at Mariott Hotel by Mathworks on **3rd August 2016**.

## Placement

### Incture Technologies – 21<sup>st</sup> August 2016

22 students participated in the drive. Students cleared the 4 aptitude test and 1 got placed.

#### Students placed

1. Crezy Antony

### CTS - September 2<sup>nd</sup> & 3<sup>rd</sup> 2016

33 students participated in the drive. 6 students cleared the aptitude test and 5 got placed.

## Faculty Activities

### August 6, 2016

Invited as the judge for the event Zippy Sprites (animation) in the Techfest *Vista 2016* at Rajagiri Public School, Kalamassery on 6/8/16

## Faculty Visit from SH College Thevara

### August 27, 2016

A faculty team of eight members led by Head of the Department Ms. Rejitha visited the campus on August 27, 2016 and had an interaction with the faculty of MCA department.



## Aptitude Training

### August 29<sup>th</sup>, 2016

The 12th and final session for Semester 5 was held on August 4, 2016 by Konfidence group.

## Session By Turning Point

### August 30, 2016

Dr. Thomas George conducted a pre-placement session for the semester 5 students on August 30, 2016

## Faculty Consultancy

**Sep 10th, 2016**

Ms. Ann Baby (Member, DAC, CIT) attended the Department Advisory Committee Meeting at Coimbatore Institute of Technology, Coimbatore-14, as part of the NBA Committee visit for Master of Computer Applications of Coimbatore Institute of Technology.

## CLOUD COM SYMPOSIUM

**September 5, 2016**

On 5th September 2016, CLOUD COM SYMPOSIUM, was organized by MCA 3rd year (2014-2017) students. Poster exhibition and Seminar on cloud computing were the agenda of the symposium. The poster exhibition was conducted at the RCSS Courtyard from 12: 30 pm onwards. The Innovativeness and creativity of the students were exhibited through the various posters. Faculty and students from various departments came to view the posters, which the students explained to them in detail. Posters on NIST Cloud Model, Cloud Cube, CISCO Cloud Architecture, Amazon Web Service, Virtualization, Cloud Security, Grid Evolution, Grid Architecture, and Grid Computing Models were detailed in the exhibition.

By 2.00 pm, the seminar session commenced. The faculty of the MCA Department along with the MCA 3rd year students and MCA 2nd year students gathered in the Alex Hall for the session. The first session was an introduction on Cloud Computing handled by Mr. Don George followed by the necessity of cloud computing by Ms. Crezy Antony. A session on cloud deployment models were handled by Ms. Liya George and Ms. Sreelakshmi. 'Cloud Services' were handled by Mr. Babish and Ms. Nazreen. Mr. Mathew concluded the session discussing about the Advantages and Disadvantages of Cloud Computing Technologies. Refreshment for the students and the faculty were arranged in the courtyard.



The program was coordinated by Ms. Ann Baby, Assistant Professor, MCA Department, Rajagiri College of Social Sciences.

## FDP

**September 7, 2016**



Mr. Shiju Thomas M Y and Ms. Vimina E R attended one day iON PRIDE Faculty Development Program on 7th of September, 2016, conducted by iON - TATA Consultancy Services at Infopark Campus Kochi.

## **PLACEMENTS**

### **CTS –September 2<sup>nd</sup> & 3<sup>rd</sup> 2016**

#### **Students placed**

1. Don George
2. Saranya T. P.
3. Vishnu MC
4. Abhijith B. Pattasseril
5. Neethu V. Nair

### **Infosys – September 7<sup>th</sup> & 8<sup>th</sup> 2016**

23 students participated in the drive. 5 cleared the Aptitude test, 3 got placed.

#### **Students placed**

1. Annu Mary Jose
2. Manu Jo Varghese
3. Saranya T P

## **Faculty Consultancy**

### **October 21-22, 2016**

Mr. Sabeen Govind delivered an expert talk on "Artificial intelligence" at College of Engineering Trikaripur, Under CAPE, Govt of Kerala.

## **Resarch and Publications**

### **October, November 2016**

#### **Jaya Vijayan**

A research paper titled "Collaborative Requirements Elicitation using Elicitation tool for Small projects" has been accepted for the IEEE -SCOPES-2016 conference which is organized by International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES), Centurion University of Technology and Management (CUTM), Bhubaneswar, Odissa, India during 3rd to 5th October 2016 .

#### **Bindiya M Varghese**

A research paper titled " Visualization of Mixed Attributed High-Dimensional Dataset using SVD" by Bindiya M Varghese, Unnikrishnan AS and K Poulouse Jacob has been accepted for presentation at 7th International conference on Big Data Technologies and Applications on November 17-18, 2016 at Seoul, South Korea. The proceedings are published by SpringerLink

#### **Ann Baby**

A research paper titled "Exploratory Centered PCA For Dimensionality Reduction On Security Modelling Of TAM : An E-Learning Perspective" by Ms. Ann is accepted for I E E E -S C O P E S-2016 conference which is organized by International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES), Centurion University of Technology and Management (CUTM), Paralakhemundi, Odissa, India during 3rd to 5th October 2016.

#### **Vimina E R,**

A research paper by Vimina E R and K Poulouse Jacob, "Integrating Multiple Image Cues for Enhanced Image Retrieval in Bag of visual Words Framework" is accepted for the International Conference - IEEE TENCON 2016 to be held at Singapore during November 2016.

## Samyuktha 2016

**November 18 and 19 , 2016**

Team of students from Semester 4 MCA bagged the overall championship in the IT Fest (Samyuktha 16) conducted by SAINTGITS College Kottayam on 18 and 19 Nov 2016. Total prize money is worth Rs. 30,000/-



## Awareness Workshop

**November 19 , 2016**

Ms Ann Baby, Ms Sunu Mary Abraham attended a one day workshop organized by AICTE, Thiruvananthapuram on 19.11.2016 in connection with 'SMART INDIA HACKATHON 2017' – world's biggest digital movement. The workshop aimed to bring awareness among the technology students specially from computer/IT/Electronics field to motivate them for their active participation in world's largest Hackathon which will be organized in Feb-March 2017.

## Research and Publications

**November 2017**

Asha Saju, Sabeen Govind , "A Combined Approach to Secret data hiding and Tamper detection in Medical images" accepted in International conference on Engineering and Technology (IEEE Conference) to be held at Karpagam Innovation Centre (KIC), Coimbatore.

**November 19, 2017**

Asha Saju, Sabeen Govind , "A Combined Approach to Secret data hiding and Tamper detection in Medical images" got second prize in the best project competition held at SAINTGITS College Kottayam.

## Second Semester one day tour to Munnar

**November 19 , 2016**

A one day tour to munnar was conducted by the Department of Computer Science on 19 November 2016. Prof.Sabeen Govind and Prof.Jaya Vijayan accompanied the students for the tour.A total of 31 students came for the trip.The group was lead by the trip coordinator Allwyn Sebastian and Finance Head Benin Tom Jose. As decided, the group left from the college around 5:am. We had our breakfast at Adimali. The first destination was Eravikulam National Park and we reached there

around 10:30am. Due to long queues this place was skipped and we headed towards the Tea museum. After some shopping, around 1:30pm we had lunch from munnar town. After that we headed towards Ecopoint and Mattupetty Dam where we had our group selfies and lot more fun. Altogether, we enjoyed the trip. We headed back from there by 6:00pm, had dinner on the way at 8:30pm. We safely reached the college by 11:30pm.



## Cameo 2k16

**December 20, 2016**

Amal K George, Semester 2 got 2nd prize for Coding (Prize money - Rs. 2000/-) in the IT Fest "Cameo 2k16" conducted by Nirmala College, Muvattupuzha on 20th December 2016.

## Cstar Activity- Industry Interaction Programme

**January 10, 2017**

Department organised an industry interaction program on 10<sup>th</sup> Jan 2017 as part of C-Star Activity  
Resource person : Mr. Hirosh M. Hussian, CEO and Managing Director, Crease Technologies, Technopark, Trivandrum.

Topic: Entrepreneurship



## Hackathon

**January 13-14, 2017**

Karnan, Althaf, Sanjay, Bharath (Semester 4) got third prize for 24 hour hackathon organised by Kerala State Council for Science, Technology & Environment in association with Kerala technological university held at MACE, Kothamangalam on 13<sup>th</sup> & 14<sup>th</sup> of January 2017.



## Open Forum

**January 16, 2017**

An open forum was conducted on 16th January 2017, for the students of MCA department at the Alex hall from 4.00 to 5.00pm. Various issues were addressed by the students. Issues related to aptitude class, specialization, mini project and other activities were discussed. Suggestions and solutions were given by the faculties.



## Open House for Semester2 (2016-19)

An open house was conducted for semester2 students of 2016-19 batch on January 21st 2017. This was conducted on the basis of the appraisal report of semester2, CAE-1.

## Digital Photography: Theory, Composition & Technical aspects

**January 24, 2017**

A session was taken by the faculty Mr. Sreejith R on 24th January 2017 during the CSTAR on the topic Digital Photography- Theory, Composition and Technical Aspects. The basics and rules of photography were explained in the session. Other topics explained were exposure triangle, shutter speed, aperture setting, iso speed, exposure mode etc.



## Android Workshop

**27-28 January 2017**

A 2 day workshop on Android was organised by the department on 27th and 28th of February 2017. The workshop was inaugurated by the Principal, Dr. Binoy Joseph. The sessions were handled by Mr. Shiju Thomas MY. A total 49 participants which included students, faculties, professionals from various institution attended the workshop. The 2 day session was concluded by Fr. Saju M.D at Carmel Hall.



## DeTechnistra

**February 7-8, 2017**

Team of students from Semester 4 MCA was the 2<sup>nd</sup> runners-up in the IT Fest ('DeTechnistra') conducted by DePaul Institute of Science and Technology on on 7th and 8th of February 2017 with a cash prize of Rs.9000.

Photography - Steevan Joy (1st prize)

Coding - Vishnu Sudhakaran (3rd prize)

Best Personality(consolation prize) - Aadhitya Shankar, Dhanya Peter and Vishnu Sudhakaran

Selfi contest - Bharath Jagadeesh (1st prize)



## **TECHNITROUS 2K17**

### **February 9-10,2017**

Amal K George, Semester2 got 1<sup>st</sup> prize for Coding(Prize money-Rs.10,000/-) in the IT Fest "TECHNITROUS 2K17" conducted by Mar Athanasios College For Advanced Studies (MACFAST) Thiruvalla on 9<sup>th</sup>&10<sup>th</sup> of February 2017.

## **Meet The Great Achievers**

### **February 20,2017**

MCA 1<sup>st</sup> & 2<sup>nd</sup> year students participated in the 'Meet The Great Achievers' Initiative Organised By Vidhyadhanam Trust Of K.V. Thomas, Mp At St .Teresa's College, Ernakulam on 20th February 2017. Dr. K.Radhakrishnan, Former Chairman Of ISRO Interacted with the College students. Around 35 colleges participated in the event.

## **Consultancy**

### **February 27,2017**

Mr Shiju Thomas M Y was the resource person for the one day workshop on "Basics of JAVA" to the Semester four Computer Engineering (CS) students, Sree buddha college of engineering, Pattoor P.O, Alappuzha District Kerala, India held on 27-02-2017.

## **National level colloquium on Research opportunities**

### **March 4, 2017**

Mr Sabeen Govind attended a national level colloquium on Research opportunities in computer network organised by Department of computer science and engineering, college of Engineering, Trikaripur held on 4th March 2017.

## **Consultancy**

### **March 2017**

Mr Sabeen Govind gave an expert talk on "Computer security" at college of Engineering, Trikaripur ( Under CAPE, Govt of Kerala), funded by TEQIP.

## **Consultancy**

### **March 4, 2017**

Mr Shiju Thomas M Y was the resource person for the one day workshop on "Android Development" conducted by Department of Computer Applications, Sree Narayana Gurukulam College of Engineering, Kadayiruppu P.O, Kolenchery, Ernakulam dist. Kerala, India held on 04-03-2017.

## **First Industry-Academia Conclave on Emerging Trends in Technology**

### **February 17, 2017**

Dr. Bindiya M Varghese presented a session "Crossing the world! Bridging the gap" in First Industry-Academia Conclave on Emerging Trends in Technology - Rajagiri Center for Business Studies, Kochi. 17th February.

## **National Workshop on Research Report Writing**

### **February 17,18 2017**

Mr Shiju Thomas M Y, Mr Sabeen Govind, Mr Sreejith R attended two days national workshop on "research report writing" organized by School of library and information science,RCSS, in association with Kerala library association held on Feb 17,18, 2017

## **BOS-St Alberts College**

### **March 6, 2017**

Dr. Bindiya chaired the BOS meeting of Dept. of Computer Science, St. Albert's college, Ernakulam on march 6, 2017

## **Consultancy**

### **March 16, 2017**

Mr Shiju Thomas M Y was the resource person for the one day workshop on "Android Application Development" Organized by the Centre for Computer Science & Information Technology and Department of Computer Science, University of Calicut, Kerala, India held on 16-03-2017 as part of National Level IT Fest 'Insight- 2k17' during 16th -18th March 2017.



## **Multiskill Training for Transgender Community in Kerala, DDUGKY**

### **February 3, March 6, 2017**

Dr. Bindiya M Varghese handled grooming sessions for transgenders in the training sessions organized by DDUGKY

## SMART INDIA HACKATHON 2017' – World's biggest digital movement

**April 1, 2, 2017**

A Team of 6 students from semester2(2016-19) participated in SMART INDIA HACKATHON 2017 held in Assam on April 1<sup>st</sup> & 2<sup>nd</sup> 2017. The team was selected for participation from 7531 teams all over India. The idea and the project done by the students were well appreciated. Ms Bindiya M Varghese accompanied the students.



## FDP

**April 11, 2017**

Ms Sreelakshmi A Nair of batch 2014-17 took a session on Ionic Framework, one of the latest technology framework for the faculty on April 11, 2017.



## Research and Publications

**April 27 ,28 2017**

Mr Sreejith R Presented a paper "A Novel Tree Based Method for Data Hiding and Integrity in Medical Images", in the INTERNATIONAL CONFERENCE ON ELECTRICAL, INSTRUMENTATION AND COMMUNICATION ENGINEERING ,ICEICE 2017,IEEE Xplore.



Mr Sreejith attended an IEEE INTERNATIONAL CONFERENCE ON ELECTRICAL, INSTRUMENTATION AND COMMUNICATION ENGINEERING (ICEICE 2017) In Association with, Institute of Electrical and Electronics Engineering (IEEE)Madras Section held on 27th & 28th April 2017, M.Kumarasamy College of Engineering (Autonomous), Karur , Tamilnadu, India.