IEEE NEWSLETTER 2014-2015

RSET
RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY

IEEE

RAJAGIRI IEEE STUDENT BRANCH

OFFICIAL MEETING

DATE: 22 April 2014

VENUE: CONFERENCE HALL

The meeting was conducted for the revival of new IEEE RSET SB members. The IEEE RSET designations are as

The Chairman – Mr. M.Sankar

Vice Chairperson - Mr. D.Vigneshwar

WIE Chairperson – Ms. Amrutha Murali

Treasurer – Mr. Jithin John Mathews

Link Rep – Ms. Sreelakshmi Antherjanam V.A

Secretary – Mr.John Alias

IEEE RSET SB mentors Mrs. Deepthy Das (ECE Dept.) and Mr. Karthikeyan(EEE Dept.) were present.

An outline for action plan of 2014 was formulated during the meeting. The new IEEE RSET representatives from each class and some of the old members also attended the meeting. Old members shared their past experiences and gave an idea of the benefits of IEEE students group in a college. Also how it can enhance the members in their career as well as personality.

EXECOM MEETUP

IEEE MEMBERS MEETING – 18 July 2014

Meeting called to order at 1.00pm by mentors   Dr. Deepti Das and Mr. Karthikeyan

Members present

Dr. Deepti Das (Mentor)

Mr. Karthikeyan (Mentor)

M. Sankar (Chairman)

D.Vigneshwer (Vice Chairman)

John Alias (Secretary)

Jithin John (Treasurer)

Sreelakshmi (Link Representative)

Reading of Agenda

- Motion: To approve the agenda for 18 July 2014
  Vote: Motion carried
  Resolved: Agenda for the meeting on 18 July 2014 approved without modification

Meeting Details

- Motion from Sankar : To conduct programs for junior students to make them aware about IEEE .

Resolved: Motion carried.

- Motion from Vigneshwer : To conduct motivational talk for the junior students .

Resolved: Motion carried. Meeting adjourned at 1.45 pm

MOTIVATIONAL TALK BY RAYEES AMAR NISHAD

An orientation class was conducted for the students interested to join IEEE on 25th July 2014 at the Gallery Hall. Students from various branches attended the program. The speaker was Rayees Amar Nishad. He motivated students by sharing the story of his own experience as an IEEE member. He also gave an idea about the benefits in joining IEEE. The talk really inspired the students. Around 30 students were present.

JAVASCRIPT AND ANDROID WORKSHOP

DATE: 01 August 2014 – 04 August 2014

VENUE: GALLERY HALL AND MULTIMEDIA HALL

IEEE RSET Student Branch on August 1st to August 4th hosted the Javascript and Android workshop for engineering students from all branches. The event was inaugurated at 10.30 AM by the chief guest Mr. Shahim Baker.

The event saw the participation of students from all around Kerala. The Javascript workshop was held on august 1st and august 2nd. The first session was handled by Mr. Praseed Pai. He gave the students an idea about Javascript and its applications.

The second day session was handled by Mr. Vineeth from Q Burst Technologies. He gave the students an idea of Angular Javascript and its coding techniques. Android workshop was held on august 3rd and 4th and was handled by three upcoming developers Mr.Sojan, Mr.Akash and Mr.Vishnu. The participants got a very good idea about the history of Android, its coding and about android app development. They also developed a small app with guidance from the resource persons.

The event was represented by RSET IEEE SB and Quest app.co

IEEE WIE PROJECT PRESENTATION

DATE: 08 August 2014

WIE – of IEEE Student Branch of Rajagiri School of Engineering and technology on behalf of Techkshetra Junior 2014, organized inter school-college project presentation. Student's from different schools exhibited and completed their projects.

ABHIYANTHRIKI PCB WORKSHOP

19 September 2014

A PCB(Printed Circuit Board) Workshop was conducted by IEEE student branch of Rajagiri School of Engineering and Technology on behalf of abhiyanthriki 2014, organized a hands on workshop in PCB designing and fabrication on 19th September 2014. The sessions were handled by Mr. George Varkey, M.D. GRA Systems Kochi and Mr. Thomas from Neo Green lab Kochi. The session inculcated PCB designing to the young aspiring engineers.

IEEE M.TECH POSTER PRESENTATION

20 September 2014

IEEE Student Branch of Rajagiri School of Engineering and technology, on behalf of abhiyanthriki 2014, organized intra college poster presentation on recent developments in electrical drives and control for M.Tech, Industrial Drives and Control. Students exhibited their work, about 24 posters were evaluated. This event encouraged student innovations in their technical field program was inaugurated by the director RSET, Fr. Antony Kariyil CMI on 20th Sept 2014. Mr. Libin Varghese of II IDAC won the first prize.

IEEE DAY

07 October 2014

In connection with IEEE day on October 7th 2014, IEEE RSET SB conducted a quiz competition for the first year students of RSET from 12:00PM-12:30PM during the lunch break. The quiz was based on general knowledge. The total participation was 15 students. The winner was awarded a cash prize of Rs 1000. IEEE day celebration was conducted from 3:00PM-4:30PM. The function was inaugurated by Mr. Akash Mathew, CEO of CiED Technologies and an Alumni of Rajagiri. He enriched the students with his personal experiences as an Entrepreneur and his experience on his visit to Silicon Valley. His talk extended up to 45 minutes. After the talk a quiz was conducted for the audience by Mr. John Alias, Secretary, IEEE RSET Execom for a duration of 15 minutes From 3:45PM-4:00PM. After that the cake cutting ceremony was held after which photos of the SB members and Execom were taken.

SCHOOL QUIZ

17 October 2014

In association with IEEE day on October 7th 2014, IEEE RSET SB conducted a Quiz competition for school students at Rajagiri Christu Jayanti Public School, Kakkanad. The quiz was based on general knowledge and was focused on class XII students of Rajagiri Christu Jayanti Public School. The quiz was conducted from 12:00PM-12:30PM during the school lunch break. The total participation was 14 students. Students who are selected from this quiz will be given a chance to participate in the hub level quiz.

IEEE MEMBERS MEETING

23 January 2015

Meeting called to order at 1.00pm by mentor Dr. Deepti Das

Members present

Dr. Deepti Das (Mentor)

M. Sankar (Chairman)

D.Vigneshwer (Vice Chairman)

John Alias (Secretary)

Jithin John (Treasurer)

Sreelakshmi (Link Representative)

Reading of Agenda

- Motion: To approve the agenda for 23 January 2015
  Vote: Motion carried
  Resolved: Agenda for the meeting 23 January 2015 approved without modification

Meeting Details

- Motion from Vigneshwer: To conduct Mozilla workshop for the students of Rajagiri School of Engineering And Technology.

Resolved: Motion carried.

Meeting adjourned at 1.45 pm

WEBMAKER / FIREFOX OS APP DAY

07 February 2015

The main agenda of the event was to introduce participants to Application development in Firefox OS and transition of web user to web maker using the webmaker tools such as Thimble and Appmaker.

SPEAKERS

1. Abid

2. Praveen

3. Tessie Joseph (OPW intern)

4. Nidhiya

5. D. Vigneshwer

EVENT DETAILS

The event had a great response with more than 100 participants. This event was the second event in kerala in the year 2015.

The event was started by Abid giving a general introduction to Mozilla and the various projects of Mozilla other than Firefox. The participants came to know that Mozilla was not just about the web browser making, but much above that.The audience got a clear idea: "Mozilla is not an organization that simply makes a web browser, but it is a global community of like-minded people (developers) working hard to make the Web more beautiful."During the end of his session he did a small paper prototyping activity which allowed participants to get their ideas on the paper and few of them volunteered to share their ideas. They were all surprised to see that their small ideas were already companies which existed. Abid also gave tips about kind of work that is going on UI/UX engineering and its importance in latest products.

Next up Praveen gave a short and brisk talk about open data and why is it so important, participants did not know the kind of useful products they can develop using the open data like the bus timings of intercity buses, the vegetable prices in different location etc. The most important of all the power of openness is something unique and very important for growth of any domain.

Smartphone devices with Firefox OS running were the big attraction at the event. Students were really surprised and amazed to see smartphones that were running on something other than Android.All were excited after seeing Firefox OS device and were fine tuning their idea for the app prototyping and idea pitching for the afternoon session to win the awesome gifts of appday.

Later, Varghese handled hands on session on HTML, CSS and JS where he developed a button to pop up message from scratch students followed him step by step. He thoroughly explained each concept and explained each tags and its functionality.

After which Tessy joseph,an OPW intern who was invited for the program to deliver a talk about the kind of opportunities in open source organization and OPW program. She explained her experiences during the course and also said about the various open source projects of Mozilla. Along with her Praveen joined and also said about his experience with Google summer of code.

Nidhiya delivered a talk about WOMOZ program and engaged the audience with her experience in the community.

The afternoon session was started by Praveen giving a brief introduction to Firefox OS architecture and development life cycle of Firefox apps where he showed a live demonstration of developing an app using both the simulator and his geekphone.

The afternoon session was completely utilized for making creative apps by the participants. Before they started to hack they were given a basic tutorial of webmaker tools and making apps in appmaker by vigneshwer, nidhiya , vinay and varghese.

IEEE MEMBERS MEETING

13 February 2015

Meeting called to order at 1.00pm by mentor Dr. Deepti Das

Members present

Dr. Deepti Das (Mentor)

M. Sankar (Chairman)

D.Vigneshwer (Vice Chairman)

Jithin John (Treasurer)

Sreelakshmi (Link Representative)

Reading of Agenda

- Motion: To approve the agenda for 13 February 2015
  Vote: Motion carried
  Resolved: Agenda for the meeting on 13 February 2015 approved without modification

Meeting Details

- Motion from Vigneshwer: To keep volunteering training for junior students who have joined IEEE for the first time.

Resolved: Motion carried; decided to keep volunteering training for junior students.

- Motion from Sankar: To decide EXECOM members for next year.

Resolved: Motion carried; decided to select new EXECOM members.

- Motion from Vigneshwer: To conduct a design contest based on RL78 Microcontroller.

Resolved: Motion carried; decided to conduct RL78 design contest.

Meeting adjourned at 1.45 pm

#HACK RL-78 WORKSHOP AND DESIGN CONTEST

11 February 2015 – 12 February 2015

VENUE: GALLERY HALL

#hackRL78 two day workshop was conducted by Neona Embedded Labz, in Rajagiri School of Engineering and Technology. This was conducted for the students of second, third and fourth year students. Around 33 students were present for the workshop.

SCHEDULE

Day 1

The speaker was Mr Shijith from Neona Embedded Labz who gave an insight into the working of the microcontroller RL78.

The day 1 started with the speaker enlightening the students about Renesas electronics and their partnership with Neona embedded labz. The circuit diagram and the internal working of the microcontroller was explained. The afternoon session was a hands on session with each group of participants handling the printed circuit boards themselves using LEDs and switches.

DAY 2

 The second day saw the morning session with students using rl78 microcontroller with interval timer.

  They demonstrated how to use AD converter, to control the lighting of LEDs with and without interval timers and switch to the students. The final session was about communicating with the microcontroller through a serial port. Thus the basics of RL78 microcontrollers were covered in two days over 4 sessions. Students with creative ideas are to forward the same to Neona Embedded Labz. The best ones will be selected and the kits for the same will provided to students by Neona at a reduced price. The grand finale of rl78 design contest is scheduled on April 26th. Neona Embedded Labz have guaranteed technical assistance and guidance to aspiring students who wish to pursue their interest in microcontrollers.

VOLUNTEER TRAINING

24 February 2015

VENUE: MULTIMEDIA HALL

As part of the Volunteer training, the current RSET IEEE SB Execom was very enthusiastic in training and sharing their experiences with the active members of RSET IEEE SB. The team prepared a strategy to motivate the young professionals to volunteerism. There were around 50 members to attend the training. The current Vice Chairperson, D.Vigneshwer, was very keen in delivering his involvement in the student branch. The Treasurer, Jithin John Mathews, delivered a note on how to manage the financial status of the funds. The WIE chairperson, Amrutha Murali, threw light on the importance of lady empowerment in engineering and volunteering activities. The backbone of the SB, Dr. Deepti Das Krishna, our Branch Councellor, explained the importance of team work and attitude required to take the SB to new heights. The participants were very curious to clarify their doubts regarding the SB after the one hour presentation was done with. It was indeed the team spirit which brought us the opportunity to share the hour with the fellow student members.

IEEE MEMBERS MEETING – 13 March 2015

Meeting called to order at 1.00pm by mentor Dr. Deepti Das

Members present

Dr. Deepti Das (Mentor)

M. Sankar (Chairman)

D.Vigneshwer (Vice Chairman)

Jithin John (Treasurer)

Sreelakshmi (Link Representative)

Reading of Agenda

- Motion: To approve the agenda for 13 March 2015
  Vote: Motion carried
  Resolved: Agenda for the meeting on 13 March 2015 approved without modification.

Meeting Details

Execom for the next year was selected.

Meeting adjourned at 1.45 pm

EXECOM HANDING OVER CEREMONY 2015-2016

The handing-over ceremony of the Executive Committee (Execom) of the IEEE Student Branch (SB) of Rajagiri School of Engineering and Technology was held at Systems Lab on 27th March 2015. D Vigneshwer of S8 EC Beta delivered the welcome address, followed by the formal inauguration by the Principal, Dr.A.Unnikrishnan. He enlightened the occasion with his words of wisdom and emphasised on giving more importance to core electronics and electrical topics, such as Smart Grids and LTE systems. Dr. Deepti Das Krishna, Branch Counsellor of the IEEE SB was also graced the occasion. Jithin, the 2014-2015 treasurer, gave the financial report for the year, stating that the earlier Execom performed well financially and also the previous year had seen the most number of events conducted by the RSET IEEE SB so far. The best volunteer award was given out to D.Vigneshwer by the Principal. It was followed by the presentation of mementos to all the members of the old Execom as a token of appreciation. Amogh Jayaraj of S4 EC concluded the ceremony by delivering the vote of thanks.

The Executive Committee for 2015-2016 is as follows,

Chair Person	-	Sanjana Lal, S6 EC
Vice Chair Person	-	Jairam Shankar, S4 EC
Secretary	-	Aravind P, S6 CS
Assistant Secretary	-	Amarnath S, S6 EEE
Treasurer	-	Joseph Biju, S6 CS
Joint Treasurer	-	Arbite John, S4 EEE
Link Representative	-	Amogh Jayaraj Rau, S6 EC
Women In Engineering Coordinator	-	Riya Ramu, S6 EEE