

STB 60551 - Sri Sivasubramaniya Nadar College of Engineering

Raiv Gandhi Salai, Kalavakkam - 603110

## Activities Report 2018

### Event 1

Event Name : SSN IEEE-SB Meeting

Date : 3 January, 2018

No. of participants : 39

Description : The general meeting of SSN IEEE SB was held on 3<sup>rd</sup> January 2018. The meeting was organized by Mr. P. Arjun, Vice-Chair, IEEE SB, and Dr. T. Sree Sharmila, IEEE SB Counsellor addressing the members about the benefits of being an IEEE member, various societies in IEEE, congresses and conferences that happen around, Scholarships available for IEEE members and so on. Also, discussed the action plan of 2018.

Organised by SSN IEEE SB

Speakers : Dr. T. Sree Sharmila, IEEE SB Counsellor

Photo :



## Event 2

Event Name : Pongal Celebration

Date : 12 January, 2018

No. of participants : 80 students & 35 orphanage children

Description : IEEE SB collaborated with Saaral Tamil Mandram – SSN Tamil literary club celebrated Pongal festival in a grand way on 12 January, 2018. More than 80 students participated and enjoyed the celebration. The day was made more special with the presence of 35 orphanage children from ‘New Hope New Life, Perumbakkam’. The coordinators for this event were Dr. T. Sree Sharmila, SSN IEEE SB Counsellor, and the following student members: B. Arun Prasaath, Jerom Zachariah and S. Karthi.

The event started off with cooking of ‘Sweet Pongal’ and offerings to Sun. The speciality of the day was students in their traditional attire. The orphanage children were welcomed grandly with the special performances of Parai and Silambattam. The children were amazed and thrilled and they totally enjoyed the performances. Then, the competition for small children began which included Dance, Musical chair, Lucky corner etc., Simultaneously, competition for college students including Slow cycling race, Uri adithal, Tug of war, Murukku kadithal etc., The winners were appreciated and others were motivated. This event created a new family bond with new people and helped students learn our traditional culture.

Organised by SSN IEEE SB & Saaral Tamil Mandram

Speakers : Dr. T. Sree Sharmila, SSN IEEE SB Counsellor

Photo :



### Event 3

Event Name : SSN IEEE Members meeting

Date : 22 January, 2018

No. of participants : 16

Description : A meeting for the students of IEEE student branch was held on 22 January, 2018. About 16 students had attended the meeting. The main objective of the meeting was to plan the events to be held in the year 2018. There was a discussion on technical and non- technical events which are to be organized this year.

The suggested technical events were workshops on android based app development, robotics and competitions on web page designing, hackathon, poster making and app development. Guest lecturers were planned on the following topics such as environment, programming languages, how coding is integrated with day to day life. The recommended non-technical events were JAM, quizzes, club related activities and association with those clubs. An idea on the symposium was further discussed in the meeting.

Organized by : SSN IEEE SB

Speakers : Dr. T. Sree Sharmila, IEEE SB Counsellor

Photo :



#### Event 4

Event Name : Internship Awareness Programme

Date : 23<sup>rd</sup> January, 2018

No. of participants : 35

Description : The department of Electronics and Communication Engineering in association with IEEE Communications Society SB Chapter organized an interactive session on "Internship awareness" on 18<sup>th</sup> January 2018. Ms. B. Pranamika, Student Coordinator of IEEE ComSoC SB and Mr. Ramachandran S, Secretary of IEEE ComSoc SB were the speakers. The various opportunities on Internships were highlighted. Internship at Universities and Industries were distinguished. The procedure for applying for an internship were discussed including the procedure to write a CV and Resume. The various possible Industries where Internship was available around Chennai was also a part of the discussion.

Organized by : IEEE Communication Society

Speakers : Ms. B. Pranamika, Student Coordinator of IEEE ComSoC SB and Mr. Ramachandran S, Secretary of IEEE ComSoc SB

Photo :



## Event 5

Event Name : Workshop on Web Development

Date : 25 January, 2018

No. of participants : 32

Description : SSN IEEE SB in association with IEEE Computer society student chapter organized a one day workshop on web development on 25 January, 2018. The event was coordinated by Dr. T. Sree Sharmila, SB Counsellor and Faculty advisor of IEEE CS SB. About 32 students had participated in this workshop gaining benefits with hands on practice. The workshop was handled by Harini Priya K, Aadhithya Dinesh and Nitheesh Prabhu S.

The morning session included 3 pillars of web development (HTML CSS and JS). A bit more on JS and browser dev tools (console, inspector). It was followed by the afternoon session which included APIs or RESTFUL services, version control systems, web hosting and trends in web technology. This workshop gave a basic idea on HTML CSS JS basics and browser dev tools.

Organised by SSN IEEE Student Branch & IEEE Computer Society

Speakers : Harini Priya K, Aadhithya Dinesh and Nitheesh Prabhu S

Photo :





## Event 6

Event Name : **Workshop on Image Processing**

Date : **30 January, 2018**

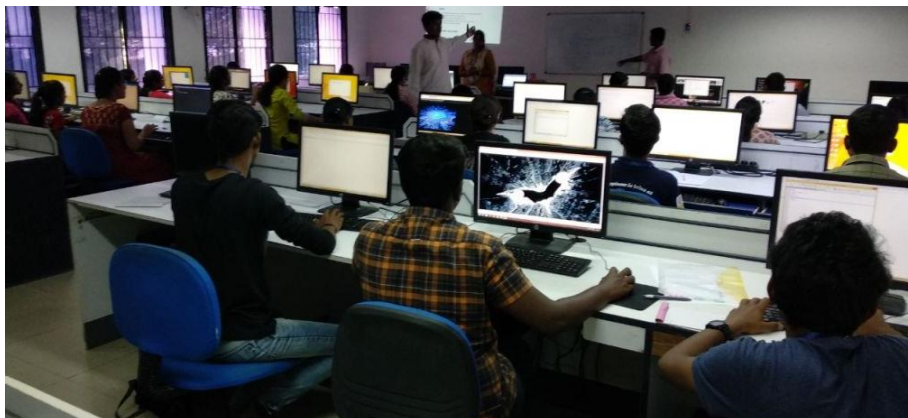
No. of participants : 30

Description : SSN IEEE SB in association with IEEE Computer society student chapter organized a one day workshop on Image processing on 30 January, 2018. The event was coordinated by Dr. T. Sree Sharmila, SB Counsellor and Faculty advisor of IEEE CS SB. About 30 students had participated in this workshop gaining benefits with hands on practice. The workshop was handled by Dr, T. Sree Sharmila, ASP/IT, Ms. R. Priyadharsini, AP/CSE, Ms. A. Beulah, AP/CSE, Ms. S. Manisha, AP/CSE, Ms. R. Swathika, AP/IT, Ms. J.K. Josephine Julina, AP/IT and Ms. J. Sofia Jennifer, AP/IT.

Organised by SSN IEEE SB & IEEE Computer society

Speakers : Dr, T. Sree Sharmila, ASP/IT, Ms. R. Priyadharsini, AP/CSE, Ms. A. Beulah, AP/CSE, Ms. S. Manisha, AP/CSE, Ms. R. Swathika, AP/IT, Ms. J.K. Josephine Julina, AP/IT and Ms. J. Sofia Jennifer, AP/IT

Photo :



## Event 7

Event Name : SSN IEEE SB Meeting

Date : 31 January, 2018

No. of participants : 25

Description : SSN IEEE SB organized a SB meeting on 31 January, 2018. About 25 students had attended the meeting. The main objective of this meeting was to allot volunteers for the upcoming events of the month.

Organised by : SSN IEEE SB

Speakers : Dr. T. Sree Sharmila, IEEE SB Counsellor

Photo :



## Event 8

Event Name : Workshop on Basic Robotics

Date : 1-3 February, 2018

No. of participants : 48 (12 Teams)

Description : The SSN IEEE Student Branch in collaboration IEEE Control Systems Society, Madras Section and S4S –The tech club of EEE organized a workshop on Basic Robotics on 1-3 February, 2018. 12 teams of four members each from various colleges such as Bharath University, Sathyabama Institute of Science and Technology, K Ramakrishna College of Engineering, Trichy attended the workshop. The organizers of the program were Dr. Ranganath Muthu, Professor, SSNCE, Vice Chair, IEEE Control Systems Society, Madras Section, Dr . T. Sree Sharmila, IEEE Student Branch Counselor, SSNCE, Dr. M. SenthilKumaran, Faculty Coordinator, S4S Club.

Organised by : SSN IEEE SB & Control System Society, Madras Section

Speakers : M. Senthil Kumaran, Associate Professor, Department of Electrical and Electronics Engineering, SSNCE , Mr. Ramasheshan, Research Scholar, IITM, Dr. T. Bhuvaneshwari, Treasurer, IEEE Control Systems Society , Ms. Sreenidhi, the Organizing Chair, Mr. Kevin, the Chair of SSN IEEE SB .

Photo :





## Event 9

Event Name : International Conference on Electrical Energy Systems (ICEES 2018)

Date : 6-9 February, 2018

No. of participants : 152 papers for oral presentation during the conference.

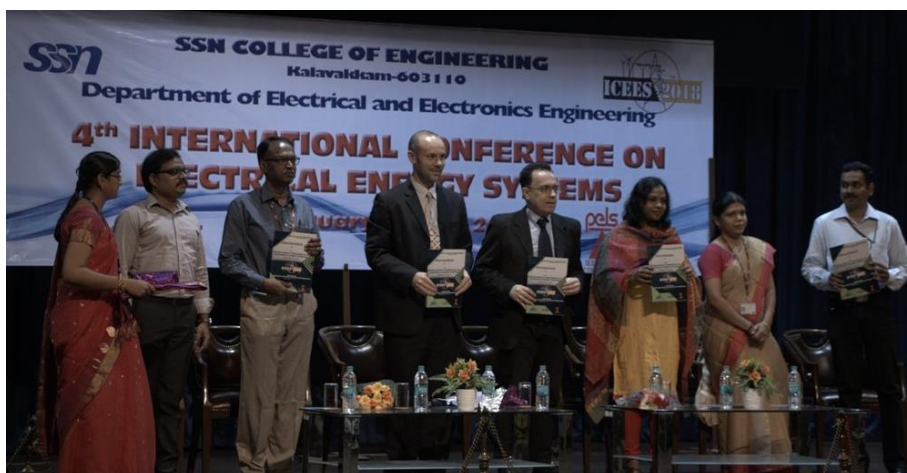
Description : The 4<sup>th</sup> International Conference on Electrical Energy Systems (ICEES 2018) was organized by the department of Electrical and Electronics Engineering, Sri Sivasubramaniya Nadar College of Engineering during 6-9 February, 2018. The conference was technically sponsored by the IEEE Madras section and Power Electronics Society.

ICEES-2018 received a huge response from over 250 elite institutes and industries across the globe. The interest of authors in the conference is recorded from the 314 submissions received from 13 different countries. The committee, after much deliberations, selected 152 papers for oral presentation during the conference.

Organised by : Department of Electrical and Electronics Engineering, SSNCE & technically sponsored by the IEEE Madras section and Power Electronics Society

Speakers : Prof. Dr. Saad Mekhilef, Department of Electrical Engineering, University of Malaya, Malaysia, Prof. DIEGO BELLAN, Department of Electronics, Information and Bioengineering, Politecnico di Milano, Milan, Italy, Dr. P. Somasundaram, Anna University, Chennai and Dr. K. Sudhakar, Faculty of Mechanical Engineering, Automotive Engineering Centre (AEC), University Malaysia Pahang,

Photo :



## Event 10

Event Name : Workshop on MATLAB

Date : 8 February, 2018

No. of participants : 34

Description : The SSN IEEE SB in association with IEEE Computer Society student chapter organised a workshop on MATLAB on 8 February, 2018. The number of students participated were 34 and gaining benefits with hands on practice. The workshop was co-ordinated by Deepak V, Member, IEEE SB and handled by Gokulakrishnan A, Karthik K and Janani SR.

The agenda for the day included two sessions. The morning session covered the basics – MATLAB from scratch, basic syntaxes, MATLAB as a calculator, matrix operation like addition, multiplication and transpose, signal generation and manipulations, control structures and functions. The afternoon session included topics on image processing – basic filtering operations, edge and corner detection using canny and sobel method, introduction to object detection, basic manipulations of images and ideas on various applications of MATLAB in today's world. On the whole, the workshop gave a basic idea of MATLAB and image processing.

Organised by SSN IEEE SB & IEEE Computer Society student chapter

Speakers : Gokulakrishnan A, Karthik K and Janani SR

Photo :



## Event 11

- Event Name : A one day Workshop on Research Documentation - LaTeX
- Date : Feb 9, 2018.
- No. of participants : 37
- Description : The workshop on “LaTeX” was organized by Department of Computer Science and Engineering, in association with IEEE and CSI students chapter during 9<sup>th</sup> February, 2018. The first session was engaged by Dr. S. Sheerazudhin , Associate Professor, SSN CSE covered the topics, Introduction to LaTeX, Mathematics, Typesetting, Macros. Dr. J. Suresh, Associate Professor, SSNCSE, delivered a talk on mathematical equations in the next session. In the next session, Formatting Text, Verbatim, and Images topics was handled by Dr. K.Valli Devi, Associate Professor, SSN CSE. In the afternoon the first session was handled by Dr. R.Kanchana Associate Professor, SSN CSE. She discussed on Preparation of Journal article / Reports: Abstracts, bibliographies, and graphs. The last session was handled by Dr.R.S.Milton. He gave a talk on Presentations: Beamer package, LaTeXiT. Hands on training was given in all the sessions.
- Organised by : SSN IEEE SB & Department of Computer Science & Engineering
- Speakers : Dr. S. Sheerazudhin , Associate Professor, SSN CSE , Macros. Dr. J. Suresh, Associate Professor, SSNCSE, Dr. K.Valli Devi, Associate Professor, SSN CSE, Dr. R.Kanchana Associate Professor, SSN CSE, Dr.R.S.Milton. He gave a talk on Presentations: Beamer package, LaTeXiT.

Photo :



## Event 12

Event Name : Hands on Workshop on Arduino Programming

Date : 15-16 February, 2018

No. of participants : 20

Description : The Department of EEE organized Hands on Workshop on “Arduino Programming” during 15-16 February, 2018 under the banner of IEEE student branch. The gathering was addressed by Dr. R. Ramaprabha, Associate Professor/EEE. The coordinators are Dr. R. Ramaprabha, Asso. Prof./EEE & Dr. M. Balaji, Asso. Prof./EEE, the Student Coordinator is Mr. P. Arjun, Vice-Chair, SSN IEEE – SB. The hands-on training session includes the interfacing the analog signals and generation of different pulses for power electronic converter circuits.

Organised by SSN IEEE SB

Speakers : Dr. R. Ramaprabha, Associate Professor/EEE. The coordinators are Dr. R. Ramaprabha, Asso. Prof./EEE & Dr. M. Balaji, Asso. Prof./EEE

Photo :



### Event 13

Event Name : AWARENESS TECH TALK IN IoT CAREER PATH

Date : 16 February, 2018

No. of participants : 28

Description : The event titled “AWARENESS TECH TALK IN IoT CAREER PATH” was conducted on 16<sup>th</sup> February 2018 at SSN College of Engineering. The event was organized by the faculty coordinator Dr. S. Karthika and Ms. Ranjini Vasu, Student’s Chair WIE from the department of information technology. The event was focused on the booming career path paved by the IoT- Internet of Things for now and future. This session was split into two parts. One focused on the technological stack of IoT and its recent advancements. The second was completely focused on the career evolution in IoT and the recent startups across the country. The audiences were from diversely oriented streams like Information Technology, Computer Science Engineering Electrical and Electronic Engineering, Electronics and Communication Engineering.

Organised by WIE

Speakers : Mr. R. Vinob Chander, AP/IT, SSNCE, Dr. N. Bhalaji, ASP/IT, SSN CE.





## Event 14

Event Name : Two Day Workshop on Basic Electronics

Date : 19-20 February, 2018

No. of participants : 125

Description : The Department of Electronics and Communication Engineering in association with IEEE Communication Society Student Chapter organised a two-day workshop on "Basic Electronics" during 19-20 February, 2018. In the first day, theoretical concepts starting from digital logic gates to counters and flip flops and 555 timers were discussed. The second day included hands on session of simple logic gates and multivibrators.

Organised by IEEE Communication Society Student Chapter

Speakers : Dr. S. Ramprabhu, ASP, ECE and Ms. B. Pranamika, Chair, Communication Society were coordinated the event

Photo :



## Event 15

Event Name : Interactive challenge of innovator of the year

Date : 21 February, 2018

No. of participants : 80 students (proposals)

Description : The Department of Electronics and Communication Engineering in association with IEEE Communications Society Student branch organized an interactive challenge of "Innovator of the year" contest on 21 February, 2018. Proposals were invited from the students and eight proposals were chosen for the final presentation. Dr. M Gulam Nabi Alsath and Dr. B. Ramani, Associate Professors, SSN College of Engineering, were the judges. Finally from the eight one winner and one runner up were selected. The participants got a lot of benefits as they learned how to write a proposal, how to present, in what aspect they should think, how to implement their idea, etc. The event was a great success. The faculty and student coordinator were Dr. S. Ramprabhu, ASP, ECE and Ms. B. Pranamika, Chair, IEEE COMSOC.

Organised by IEEE Communication Society Student Chapter

Speakers : Dr. M Gulam Nabi Alsath and Dr. B. Ramani, Associate Professors, SSN College of Engineering,

Photo :



## Event 16

Event Name	: 2 <sup>nd</sup> International Conference on Computer, Communication, and Signal Processing ICCCSF 2018
Date	: February 22-23, 2018
No. of participants	: 90
Description	: The 2 <sup>nd</sup> IEEE International Conference on Computer, Communication, and Signal Processing with a special focus on "Technology and Innovation for Smart Environment", was organized by the Department of Information Technology. ICCCSF - 2018 organizing team received the kind consent from the International speaker <b>Dr. Mohammed Faizal Ahmad Fauzi</b> , Associate Professor, Faculty of Engineering, Multimedia University, Malaysia and the National Speakers Dr. Senthilnathan P, Vertical Head, Renault Nissan, Dr. Subramhanya Rao, AVP Technology, Cognizant Technology Solutions, Mr. Sathya Narayanan, General Manager, Ford Motor Co., Dr. M. S. Sricharan, Senior Consultant, Wipro Technologies, and Dr. M. Saravanan, Principal Researcher, Ericsson Co., for sharing their expertise relevant to the theme of the conference. The conference received 90 paper submissions from various countries like Bangladesh, China, and Sri Lanka and from various states like Kerala, Maharashtra, Andhra Pradesh, Karnataka etc. The ICCCSF review committee had accepted 54 submissions based on the reviewers' comments and the similarity check reports. We are happy to share that 41 participants showed keen interest in the conference and had registered for oral presentation.
Organised by	Department of IT & IEEE Madras Section
Speakers	: Dr. Senthilnathan P, Vertical Head, Renault Nissan, Dr. Subramhanya Rao, AVP Technology, Cognizant Technology Solutions, Mr. Sathya Narayanan, General Manager, Ford Motor Co., Dr. M. S. Sricharan, Senior Consultant, Wipro Technologies, and Dr. M. Saravanan, Principal Researcher, Ericsson Co.

Photo

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## Event 17

Event Name : Workshop on “Arduino and Rasberry pi

Date : 19 March, 2018

No. of participants : 75

Description : The Department of Electronics and Communication Engineering in association with IEEE Communications Society SB chapter organized a workshop on “Arduino and Rasberry pi” on 19 March, 2018. Around 75 participant attended the event. Students from all departments garnered hands-on experience in the working of an Arduino and its applications which include temperature detection, text generation, LED patterning and distance measurement using ultrasonic waves. Interfacing the Arduino and Rasberry pi with other basic modules were practically taught and implemented. The faculty and student coordinator were Dr. S. Ramprabhu, ASP, ECE and Ms. B. Pranamika, Chair, IEEE COMSOC.

Organised by IEEE Communication Society Student Chapter

Speakers : Dr. S. Ramprabhu, ASP, ECE and Ms. B. Pranamika, Chair, IEEE COMSOC.

Photo :





## Event 18

Event Name	: 2018 IEEE Fourth International Conference on Biosignals, images and instrumentation - (ICBSII 2018)
Date	: 22 <sup>nd</sup> -24 <sup>th</sup> March 2018
No. of participants	: 69
Description	: 2018 IEEE Fourth International Conference on Biosignals, images and instrumentation, was organized by the Department of Biomedical Engineering and Centre for Healthcare technologies between 22 <sup>nd</sup> and 24 <sup>th</sup> March, 2017 which brought together scientists, engineers and researchers from various domains to interact and exchange ideas in biomedical field. Research papers were received from diverse areas such as Physiological Modeling, Medical Imaging, Medical Robotics, Biomechanics, Biomedical Instrumentation and Nano-materials amounting to a total of 69 papers. After a rigorous review process by an expert review committee, 29 papers that displayed quality in idea and work were selected for final presentation at the conference.
Organized by	: Department of BME technically sponsored by IEEE Madras Section
Speakers	: Dr. Dinesh Bhatia Prof, North-Eastern Hill University, Shillong, Dr. G. Saraswathy, Scientist, CLRI, Chennai, Dr. Minimol, Professor, Govt. Model engineering college, Cochin and Dr. C. J. Ravishankar, Managing director, Sagitec healthcare and life sciences

Photo

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## Event 19

- Event Name : International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET 2018)
- Date : 22-24 March, 2018
- No. of participants : 110
- Description : The department of ECE, Sri Sivasubramaniya Nadar College of Engineering, hosted the IEEE international conference on Wireless Communications, Signal processing and Networking (WiSPNET 2018) during 22-24 March, 2018. Dr. S. Radha was the conference chair and Dr. R. Kishore, Asso. Prof/ECE was the conference co-chair and Mr. N. Prabagarane, AP/ECE was the organizing chair for the event. This edition has received 286 submissions from 11 different countries and 110 papers were accepted. The acceptance ratio is around 38.46%. Totally 96 papers were registered. All the accepted papers were presented in 12 technical sessions conducted in four parallel tracks in three days.
- Organised by : Department of ECE, technically sponsored by IEEE Madras Section
- Speakers : Dr. Norbert Schwesinger, Chair, Department of Micro-Mechatronic Systems, Technical University of Munich, Dr. Josep Miquel Jornet, Assistant Professor, Department of Electrical Engineering University at Buffalo, The State University of New York, Dr. Ala' Khalifeh, Assistant Professor, Electrical and Computer Engineering, Communication Engineering department, German Jordanian University, Mukesh Jewariya, Scientist, CSIR-National Physical laboratory, Ministry of Science and Technology, Government of India, Shajahan M, Scientist/Engineer, Space Physics Laboratory (SPL), Department of Space, Trivandrum, Kerala, S Vijay Anand, Assistant Vice President – Technology, Aricent .

Photo :



## Event 20

Event Name : IEEE Valedictory

Date : 06 April, 2018

No. of participants : 30

Description : SSN IEEE SB organized a valedictory function for the passed out students of the academic year (2017-2018) held on 6 April, 2018. The main objective of the valedictory is to thank the seniors who had contributed for the development of IEEE Student Branch. The annual report was proposed by Mr. Kavin D followed by Dr.T. Sree Sharmila, SSN-IEEE student branch counselor's speech. Thanks giving speech by Abarna, 3rd year, IEEE Volunteer. The following passing out seniors shared their experiences of being a part of IEEE student branch, they are Ranjini. V, Chairperson of SSN IEEE WIE (2017-2018); Arjun. P, chairperson of IEEE Computer Society and Vice Chairperson of IEEE Student Branch; Kavin. D, chairperson of SSN IEEE Student Branch during 2017-2018. A few juniors shared their pleasant memories with others.

Organised by Dr. T. Sree Sharmila, IEEE SB Counsellor

Speakers : Dr. T. Sree Sharmila, IEEE SB Counsellor

Photo :



## Event 21

Event Name : Talk on TPIC activities and Quality

Date : 5 April, 2018

No. of participants : 55

Description : SSN IEEE SB and the department of Electronics and Communication Engineering organized a meeting with a Prof. Launce C.C. Fung, Emeritus Professor, Chair, IEEE Technical Program Integrity Committee (TPIC), School of Engineering and IT, Murdoch University, South Street, Murdoch, WA 6149, Australia, for the IEEE sponsored conference TPIC (Technical Program Integrity Committee) activities, responsibilities and expectations on the quality publication and dos and don'ts while organising IEEE sponsored conferences.

Organised by SSN IEEE SB

Speakers : Prof. Launce C.C. Fung, Emeritus Professor, Chair, IEEE Technical Program Integrity Committee (TPIC), School of Engineering and IT, Murdoch University, South Street, Murdoch, WA 6149, Australia

Photo :





## Event 22

Event Name	: Technical Talk on “Towards a Portable Multi-parameter Cancer Diagnostic Device”
Date	: 6 April, 2018
No. of participants	: 45
Description	: SSN IEEE SB organized a technical talk on “Towards a Portable Multi-parameter Cancer Diagnostic Device” by Dr. Hardik Pandya, Associate Professor, Department of Electronic System Engineering, Division of Electrical Sciences, Indian Institute of Science, Bangalore on 6 April, 2018 at Central Seminar Hall, SSN College of Engineering. This talk addressed 3D printing, organic electronics and micromechanical systems as required, to realize low cost novel tools to address problems in biology and medicine.
Organised by	: SSN IEEE SB
Speakers	: Dr. Hardik Pandya, Associate Professor, Department of Electronic System Engineering
Photo	:



### Event 23

Event Name	: IEEE SB general meeting and volunteer gathering
Date	: 25 June 2018
No. of participants	: 45
Description	: SSN IEEE student branch held a general meeting for its members on 25th of June 2018. The meeting was organised by the Chair, Ms. Abarna with the objective of addressing the benefits of being an IEEE member and encouraging the student members to contribute more towards SB activities. An announcement was made regarding nominees for various posts such as Vice chair, secretary etc. Mr. Narayanan of the IT department and Ms. Ruba of the BME Dept. motivated and suggested SB members to volunteer for SB workshops, congresses and other activities. Volunteers were obtained for different roles such as Content writing, technical organisation, media advertiser, poster makers, website designers etc. Students were encouraged to provide options for ideas regarding workshops towards the end of the general meeting.
Organised by	SSN IEEE SB
Speaker	: Dr. T. Sree Sharmila, IEEE SB Counsellor

## Event 24

Event Name : SB Inauguration

Date : 05 July 2018

No. of participants : 55

Description : An inauguration of SSN IEEE student branch of this academic year 2018 -2019 was held on 5<sup>th</sup> of July. About 55 IEEE members had attended the function. The main objective of the function is to discuss the action plan of this academic year and bring a mutual co-ordination among all the societies. Dr. T. Sree Sharmila, SSN IEEE Student Branch Counsellor addressed the gathering and introduced the Chair person of IEEE, Ms. R. Abarna for the current academic year. She further explained about the mandate of IEEE, activities associated with IEEE, various awards received during the last year etc.,. She introduced the executive committee and the office bearers of the SB, Computer Society, EMB Society, WIE and COMSOC. It was said that the Student branch will assist all the societies in organizing events and ready to extend a helping hand in all aspects. An overview of the official website of SSN IEEE SB was also made.

Organised by SSN IEEE SB

Speakers : Dr. T. Sree Sharmila, IEEE SB Counsellor

Photo :



## Event 25

Event Name	: Guest lecture on “Automotive Application Innovation”
Date	: 19 July 2018
No. of participants	: 68
Description	: SSN IEEE student branch and WIE affinity group organized a guest lecture on "Automotive Application Innovation" by Mr. Murugan Achanaicker, Engineering Manager, Magna closures, USA on 19 July, 2018. About 68 students and research scholars had attended the session. The main objective of the session was to impart knowledge on developing technologies in the field of automotive electronics. Ms. M. Vaishnavi, Chair, WIE affinity group greeted the speaker with a warm welcome. The speaker mentioned various user-friendly innovations that could be efficiently used in automobiles. He also explained the scope for automotive electronics and wireless technologies.
Organised by	SSN IEEE student branch and WIE affinity group
Speakers	: Mr. Murugan Achanaicker, Engineering Manager, Magna closures, USA



## Event 26

Event Name : Guest Lecture on Introduction to Matlab

Date : 01 August, 2018

No. of participants : 47

Description : Department of Electronics and Communication Engineering in association with Communications Society Student branch organized a talk on “Introduction to MATLAB” on August 1<sup>st</sup>, 2018. The session was attended by 47 participants and the students were briefed about the basics and potential applications of MATLAB and at the end of which they were made to implement the concepts and create interactive graphical user interfaces. The concepts were delineated through a presentation which enabled thorough understanding for the participants.

Organised by : IEEE COMSOC Student Chapter

Speakers : Dr. Ramprabhu, ASP, ECE





## Event 27

Event Name	: India Quiz
Date	: 13 August, 2018
No. of participants	: 100
Description	: SSN IEEE student branch in association with SSN Quiz club conducted a quiz competition, "INDIA QUIZ" on 13 August, 2018. About 100 participants in a team of two (50 teams) participated in the competition with great enthusiasm.
Organised by	SSN IEEE SB & Quiz club
Speakers	: Quiz club members of SSN College of engineering.
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## Event 28

Event Name : Xtreme 2018 Awareness Program

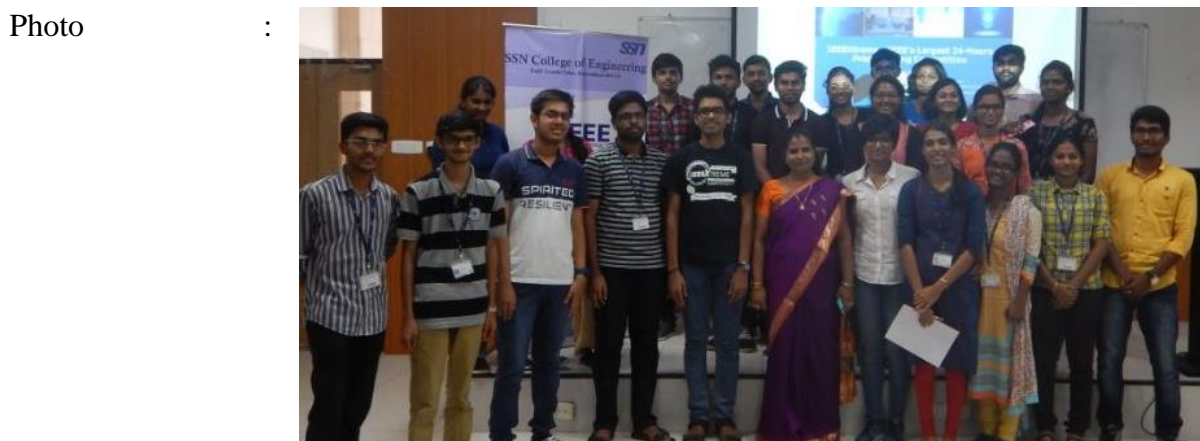
Date : 28 August 2018

No. of participants : 40

Description : SSN IEEE SB in association with IEEE CS Student Chapter organized Xtreme awareness program on 28 August, 2018. About 40 members attended this program. The main objective of the session is to impart a knowledge about IEEE Xtreme 2018 so that we can make it a great success. The session started with Ms. Aishwarya, SSN IEEE Xtreme Ambassador explained about IEEE Xtreme and Mr. Murugappan , IT final year , who was ranked 1st in Madras section, 3rd in National level ,36th in regional level and 101 in international level in Xtreme 11.0 also shared his ideas and experience with IEEE Xtreme

Speakers : Ms. Aishwarya, SSN IEEE Xtreme Ambassador

Organized by : SSN IEEE SB & IEEE CS Student Chapter



## Event 29

Event Name : Basics of Photoshop

Date : 30 August, 2018

No. of participants : 35

Description : A workshop on the basics of photoshop was organised by SSN IEEE Student Branch & Computer Society Student Chapter in association Design Club of SSNCE on 30 August, 2018. It was a one day workshop which was mainly conducted for the students of SSN and received about 35 students in total. Many members of the design club were involved in teaching the students about the basics of photoshop, while IEEE members were working on the organizational aspects of the workshop during the day. The workshop was well received by the students and expressed their interest for future workshops.

Organised by SSN IEEE Student Branch, Computer Society Student Chapter & Design Club

Speakers : Mr. M. Siddique and Mr. S. Syed

Photo :



### Event 30

Event Name : MadC awareness programme

Date : 3 September, 2018

No. of participants : 50

Description : MADC awareness programme was conducted by SSN IEEE Student Branch on 3 September, 2018. The main objective of the session is to let the students get an overall idea about MADC. Ms. Abarna, Chairperson - SSN IEEE Student Branch kicked off the session with a warm welcome address. Mr. Gokula Krishnan S.K., MADC Ambassador- SSNCE, briefed about MADC program and made the students grab an overall knowledge about the program.

Organised by SSN IEEE SB

Speakers : Gokula Krishnan S.K., MADC Ambassador- SSN

Photo :



### Event 31

Event Name : Intra-college technical event

Date : 05 September 2018

No. of participants : 120

Description : Department of Electronics and Communication Engineering in association with Communications Society Student branch organized 2 events as a part of CORONA, an intra-college technical fest, on 5<sup>th</sup> September, 2018. The events were each attended by 30 teams, each team comprising of 2 members. Participants were tested on the basics of electronic devices, digital electronics, communication systems and technical aptitude. The top 3 teams were awarded with certificates and cash prizes.

Organised by : IEEE Communications Society Student Chapter


Speakers : Dr. Ramprabhu, ASP, ECE

Photo :





## Event 32

Event Name	: Workshop on Artificial Intelligence and Machine Learning
Date	: 6-7 September, 2018
No. of participants	: 90
Description	: Dr. R. Srinivasan, Professor, IT, SSNCE, Dr. A. Shahina, Professor, IT, SSNCE and Dr. T. Sree Sharmila, Associate Professor, IT, SSNCE organized a two day workshop on "Artificial Intelligence and Machine Learning". Engaging sessions by the following speakers focused on the theme of the workshop 'Artificial Intelligence & Machine Learning' excited the participants throughout the workshop. Dr. Kaushik Mitra, Assistant Professor, Department EE, IIT Madras, Mr. Senthil Kumar, Co-founder, Geomeo Informatics, Dr. A. Shahina, Professor, Department of IT, SSNCE, Dr. T. Nagarajan, Professor & Head, Department of IT, SSNCE, Dr. R. Srinivasan, Professor, Department of IT, SSNCE, Mr. S. Sundaranathan, Associate Director, GTO, Cognizant Technology Solutions, Dr. T. Sree Sharmila, Associate Professor, Dept. of IT, SSNCE, Dr. Sutanu Chakraborti, Associate Professor, Dept. of CSE, IIT-M.
Organised by	: Department of IT & SSN IEEE SB
Speakers	: Dr. Kaushik Mitra, Assistant Professor, Department EE, IIT Madras, Mr. Senthil Kumar, Co-founder, Geomeo Informatics, Dr. A. Shahina, Professor, Department of IT, SSNCE, Dr. T. Nagarajan, Professor & Head, Department of IT, SSNCE, Dr. R. Srinivasan, Professor, Department of IT, SSNCE, Mr. S. Sundaranathan, Associate Director, GTO, Cognizant Technology Solutions, Dr. T. Sree Sharmila, Associate Professor, Dept. of IT, SSNCE, Dr. Sutanu Chakraborti, Associate Professor, Dept. of CSE, IIT-M.
Photo	: 

### Event 33

Event Name	: Vehicle Awareness Programme For Women
Date	: 07 September 2018
No. of participants	: 30
Description	: The event titled “VEHICLE AWARENESS PROGRAMME FOR WOMEN” was conducted on 7 <sup>th</sup> September 2018 at SSN College of Engineering. The event was organized by the faculty coordinator Dr. S. Karthika from IT department and Ms. Vaishnavi K, Chair, WIE and Ms. Kirthana M, Vice-Chair, WIE. The event focused on creating awareness among women in handling vehicle breakdown. The programme was split into two sessions. The first session included a presentation which highlighted the specifications of scooter and comparison with its counterparts and evolution of scooter in the market. The second session was a practical session that demonstrated a real-life situation in managing vehicle breakdown. The audience was from diversely oriented streams like Information Technology, Electrical and Electronic Engineering, Electronics and Communication Engineering and Biomedical Engineering. Both the sessions included an element of interaction among students and speakers. The main focus of the event was to make women comfortable while driving and to handle breakdown situations with ease.
Organised by	WIE
Speakers	: Mr. Kalesh from Goodwin Motors and Mr. Karthikeyan from Goodwin Motors.
Photo	:



## Event 34

Event Name : IEEE Membership Drive

Date : 18 September, 2018

No. of participants : 250

Description : SSN IEEE SB hosted Membership Drive 2018 for freshers on 18 September, 2018. Mr. Kavin D, former Chairperson, SSN IEEE Student Branch graced the function with his august presence and was the speaker of the day. About 250 members attended the session. The main objective of the session is to make the freshers know more about IEEE and enjoy all the benefits of IEEE. Dr. T. Sree Sharmila, SSN IEEE Student Branch Counselor briefed the benefits and scope of IEEE. Later, Ms. Abarna, Chairperson, SSN IEEE Student Branch, explained in detail about the SB. Mr. Kavin D shared his ideas about IEEE and his experience in volunteering. Some interesting networking games were also conducted in between the session to entertain the students. The session ended with an vote of thanks by Mr. Narayanan, Vice Chair, SSN IEEE SB.

Organised by : SSN IEEE Student Branch

Speakers : Mr. Kavin D, Chairperson -2017



**Event 35**

Event Name	: E-Lexicon
Date	: 21 September, 2018
No. of participants	: 45
Description	: SSN IEEE SB organized a competition, “E-Lexicon” on 21 September, 2018 at the department of Electrical and Electronics Engineering. The competition was coordinated by Mr. Madhavan Rajagopalan and Mr. Mathirajan E, SSN IEEE SB and more than 45 students have actively participated and showcase their talents.
Organised by	SSN IEEE SB
Speakers	: Mr. Madhavan Rajagopalan

### Event 36

Event Name	: Inter-college technical event
Date	: 22 September, 2018
No. of participants	: 86
Description	: Department of Electronics and Communication Engineering in association with Communications Society Student branch organized a technical contest as a part of INVENTE 3.0, a national level technical symposium, on 22nd September, 2018. The event was attended by 43 teams, each team comprising of 2 members. Participants were made to build working prototypes in any one of the following domains: Communication Systems, Digital Electronics, Advanced Electronics and Mechanical Contraptions. The top 3 teams were awarded with certificates and cash prizes.
Organised by	SSN IEEE COMSOC Student Chapter
Speakers	: Dr. Ramprabhu, ASP, ECE
Photo	:





### Event 37

Event Name : Talk on IoT and Energy Management

Date : 26 September, 2018

No. of participants : 25

Description : The IEEE Communications Society Student branch organized a guest lecture on the topic “IoT and Energy management” on 26<sup>th</sup> September, 2018. Mr. Hari from Caizer, which is a research and training centre for Robotics, Artificial Intelligence and IoT had kindly agreed to deliver the talk. The lecture covered a broad range of topics in IoT, starting from its relevance in today’s technological industry to its wide range of future applications. The 90 minute talk was attended by 25 students which was then followed by a questionnaire session.

Organised by IEEE Communications Society Student Chapter

Speakers : Mr. Hari from Caizer, which is a research and training centre for Robotics, Artificial Intelligence and IoT

Photo :



### Event 38

Event Name : IEEE Day 2018

Date : 5 October, 201

No. of participants : 30

Description : SSN IEEE SB organized IEEE day 2018 on 5 October, 2018. About 30 members attended this program. Online Photography Competition and Just a Minute (English and Tamil) were conducted. We received nearly 60 entries and cash award were given to the first two entries with maximum number of likes. Nearly 10 students eagerly participated in Just a Minute and cash prize were given to the winners (Tamil and English).

Speakers : Dr. T. Sree Sharmila, SSN IEEE SB Counselor

Photo :



### Event 39

Event Name : Hands on Workshop with PIC Programming

Date : 10-11 October, 2018

No. of participants : 15

Description : The Department of EEE in association with IEEE Student Branch organized “Hands on Workshop with PIC Programming during 10-11, Oct 2018. The sessions were handled by Mr. A. S. Vikram. The faculty coordinators are Dr. R. Ramaprabha & Dr. M. Balaji, Asso. Profs./EEE. The student coordinator is Mr. E. Mathirajan, Secretary, SSN IEEE SB. The hands-on training session includes the basic PIC programming, interfacing the analog signals and generation of different pulses for power electronic converter circuits

Organised by Department of EEE & SSN IEEE SB

Speakers : Mr. A. S. Vikram

Photo :

