Message from the Chief Editor

IEEE MAS LINK is happy to present the 2nd print edition for the year 2016. As you are aware the print edition is an abridged version of the IEEE MAS LINK which comes out in electronic form (PDF edition) every month with the complete activity details of Student Branches.


The multifarious activities of the SBs, SCs and AGs are published as a list with reference to the detailed reports in the respective monthly electronic edition of LINK.

Along with the events, some important announcements are highlighted. Including IEEE Collabtrex, Group medical insurance, Group payment options for membership, New MOOC course, return-to-work for women etc.

We request our contributors to follow the guidelines available at http://goo.gl/5MuY0c while sending the matter for publishing.

We are sure that you will enjoy reading this print edition of IEEE MAS LINK. Please provide your valuable feedback for improvement. Send your feedback by email to ieeeemaslink@gmail.com.

With regards
H.R. Mohan

Message from the Chairman

Dear Members,

Season’s Greetings

The rat race for engineering admissions is settling down slowly. Those who got the branches of their liking would be rejoicing whereas those who have not got the one to their liking would be discouraged. Dear students, do not get dejected that you did not the branch of your liking. It is too early for you to decide what branch is suitable for you. Take up the one you finally got and approach with an open mind. There are challenges everywhere and you will start enjoying the challenges as you move on, provided you do your homework well from day one. Some of you may consider that Civil engineering is not a good branch. But think of the roads, buildings, bridges and other infrastructure, which are all due to the work of civil engineers! Marvelous is it not?

Do you know which branch of engineering came up first historically? It was the Civil engineering. This was due to the construction of buildings, roads, bridges etc. which started from time immemorial. You can now connect why it is called “Civil” During the days of war when many engineering skills were developed, those so called engineers who built bridges, roads, buildings etc. were those who were not directly involved with combat or direct fighting, rather civilians. Thus these engineers came to be known as Civil engineers. During industrial revolution, machinery started getting designed and fabricated and thus evolved Mechanical engineering. The last in the group was electrical engineering when electricity came to be used as the power to run machinery. It later developed as the main driving power for large industries like cement, steel and later on for locomotion as in electric traction.

With the above briefing, I hope you can be happy with any branch which you have chosen. IEEE is there to support you in various ways under any circumstance. You need not be one in circuit branch or computer science. Even mechanicals and civils can become member and get benefited. Do participate in the various programs of IEEE organized in your college or section along with your colleagues and friends and get benefited.

It is time for those of you who are volunteering to go through the website of IEEE and apply or nominate your colleagues for appropriate awards. There are plenty of them awaiting you.

I had indicated in one of the earlier newsletter regarding membership upgrading. Those of you who are eligible, I request you to put up your online nomination with support from senior members. If you have any difficulty, we can support you in identifying senior members in your area of expertise and region.

Wish you all the best
Till next time,
Yours voluntarily
MA Atmanand

Madras Section

14th Mar 2016: Organized two talks -- “Life as Software Engineer” and “Final Year CS Projects: How to select a meaningful final year project” by Dr. Jeyakesavan Veerasamy, Director of Center for Computer Science Education & Outreach, University of Texas, Dallas, USA

9th May 2016: Technical talk on “Easy ways to save the Planet - Starting with your little corner of it” by Mr. R. Baskaran, Group General Manager, RailTel Corporation of India Ltd, Chennai

17th May 2016: Joint meeting on “World Telecommunication and Information Society Day” by IETE, IEI, IEEE & CSI.

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Adhiparasakthi Engineering College, Melmaruvathur


More in Page 4 in LINK-1605

IEEE Computational Intelligence Society Chapter


Electron Devices - Coimbatore Chapter

3 – 5 Mar 2016: 3rd International Conference on Devices, Circuits and Systems was held at Karunya University, Coimbatore.

4th Mar 2016: One-day National Workshop on Recent Research Trends in Nanoscale Devices, Circuits and Systems was conducted.

More in Page 4 in LINK-1604

Kongu Engineering College, Erode

1 - 2 Mar 2016: National workshop on Python by Mr Vengatesh, CEO, Consensus Technologies, Coimbatore.

8th Mar 2016: Socio-economic Village Survey for the SANGAMAM Project was conducted in Ramayagoundenpalayam of Tirupur district.

17- 18 Mar 2016: A two-day national level technical symposium AVANZARE v10.0 was organized. The chief guest was Ms N. Kavitha, Director, STEPS Knowledge Services Private Ltd, Coimbatore.

17 - 18 Mar 2016: A two-day national workshop on “Internet of Things (IoT)” by CSE faculty, Mr. K. Sentamilselvan, and Mr. A. Jeevanantham.

2nd Apr 2016: Valedictory function

More in Page 12 in LINK-1604 and Page 10 in LINK-1605

IEEE Madras Section Student Project Funding (SPF 2015-16)

7th May 2016: The final project demo and validation by the students was carried out.

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IEEE Computer Society Chapter


4th Jun 2016: Presentation on “Managing Expectations - Essence of Software Project Management” by Mr. S. Ramanathan
Jeppiaar Institute of Technology, Chennai


22nd Mar 2016: IEEE-WIE AG conducted a program on “Women as Professional” in which Ms Pachipula Pranavi, Programmer Analyst, Cognizant Technology, Student Ambassador at Xovian Start-up Space Agency & great space enthusiastic at SDNX was the chief guest.

21st Mar 2016: A blog development contest was organised.

15th Mar 2016: IEEE SB and EEE Dept. organized the national level technical symposiums Elixir 2k16 & Striders 2k16.


20th - 28th Mar 2016: IEEE online poster design contest on the theme “Chennai Hub Congress” was organized.

8th - 9th Apr 2016: IEEE Chennai Hub Congress 2016 (CHC-2016) was organized by the SB

More in Page 6 in LINK-1604 and Page 7 in LINK-1605

VIT University, Vellore

23rd - 24th Apr 2016: Organized SPAx (Student Professional Awareness Experience)

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Prathyusha Engineering College, Chennai

27th Feb 2016: The 2nd IEEE International Conference on Advances in Electrical, Electronics, Information, Communication and Bioinformatics-2016 (AEEICB-2016)” was organized in association with the IEEE Madras Section, IETE and CSI.

More in Page 14 in LINK-1604

Knowledge Institute of Technology, Salem

5th Feb 2016: IEEE SB in association with ECE Dept. organized “German Language Training, Level A1”.

3rd Mar 2016: Women Empowerment Cell in association with IEEE SB organized a guest lecture on “Manathinil Thelivu Kol” for all girl students and faculty members.

8th Mar 2016: Women Empowerment Cell in association with IEEE SB organized an awareness programme entitled “Eight Secrets to become an Empowered Woman”.

8th Mar 2016: Tech Talk on Recent Technology

9th Mar 2016: Women Empowerment Cell in association with IEEE SB organized an awareness programme on “Detective Pennin Anubavum Magalirkanu Seithiyum” with Detective I.S. Yasmin, Managing Director, ISY Verifiﬁcation Service, Coimbatore was the Chief Guest.

11th Mar 2016: Group discussion on “Privatization of Present Education System -- Boon or Bane”.

12th Mar 2016: Dept. of ECE along with IEEE SB organized the 3rd National Conference on Recent Trends in Communication & Information Technology.


18th Mar 2016: IEEE SB in association with IIT Bombay started online courses on C & C++ for 2nd and Java for 3rd year students.

23rd Mar 2016: Organized a debate on “Private Job vs. Govt. Job”.

1st Apr 2016: A lecture on “How Industrial Products are Marketed and what are the skills to be possessed for this field?” as a part of IEEE Blended Learning in VLSI with Mr. Y. Arunkumar, Engineer - Technical Marketing JYS Electronics Pvt. Ltd., Bangalore.

11th Apr 2016: Discussion session on IEEE Spectrum Magazine Analysis led by Mr. M. Bharanidharan, IEEE SBC and Mr. .R. Rasu, AP/ECE.

12th Apr 2016: Hands-on training on “PLC using Siemens S7 – 200 Smart” as a part of IEEE Blended Learning in VLSI with Mrs. S. Kalpanadevi, Assoc. Prof and Mr. M. Rajendiran, AP as resource persons.

19th Apr 2016: IEEE SB and FORCE club arranged hands-on training on “Embedded C Language”

29th Apr 2016: Association Valedictory Function

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Kings College of Engineering, Pudukkottai

4th Mar 2016: Awareness Program on Basic Electricity for Everyone and Electrical Safety” to the students of St. Mary's High School, Thirukanurpatti.

More in Page 10 in LINK-1605
SSN College of Engineering, Chennai


7th Apr 2016: Revamp program on the topic “Role of IEEE in Women Empowerment”.

8 - 9 Apr 2016: Participation in IEEE Chennai Hub Congress at Jeppiaar Institute of Technology.

4th Apr 2016: Research Scholar Symposium on Data Analytics and Security (RSS DAS’16) was organized.

27th Apr 2016: Valedictory function of SSN’s EMBS SB Chapter and SSN’s Student Branch.

7th May 2016: Two student batches took part in “IEEE Student Project Funding (SPF-2015-16) held at the IEEE Madras Section office”.

9th May 2016: Conducted a Volunteer training camp.

7th May 2016: Two student batches took part in “IEEE Student Project Funding (SPF-2015-16) held at the IEEE Madras Section office”.

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National Engineering College, Kovilpatti

10th Mar 2016: Organized Mr. Chanakyan in which the participating students required to answer 20 tactical society-relevant questions within the stipulated 30 minutes of time duration in very keen manner.

2nd Apr 2016: The 100th birth anniversary of Claude E. Shannon was celebrated by organizing a colloquium on “Claude Shannon’s Remembrance - The C3.”

More in Page 13 in LINK-1604

Rajalakshmi Engineering College, Chennai

3rd Mar 2016: Orientation program, “Journey of Attitudes”


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St. Peter’s College of Engineering and Technology, Chennai


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K.S. Rangasamy College of Technology, Tiruchengode

29th Mar 2016: Student's Technical Symposium on “Current Trends in Biotechnology and Biomedical Engineering”

1st Apr 2016: Workshop on “PCB-Designing” by Mr. K. Raguvaran, AP/ECE.

2nd Apr 2016: Workshop on “ARDUINO” addressed by Dr. C. Rajasekaran, IEEE SBC; Dr. K. B. Jayanthi, HOD/ECE and Mr. M. Nepolean, IEEE SB Chair.

5th May 2016: Research forum on “Tissue Engineering Biomaterials” and “India’s Energy Security - The Role of Nuclear Energy”.

More in Page 10 in LINK-1605 and Page 6 in LINK-1606
IEEE Communications Society Chapter

11th May, 2016: Presentation on “Communication Systems in Indian Railways: Today and Tomorrow”

IEEE Madras Section – Women In Engineering

8 - 9 Apr 2016: IEEE Chennai Hub Congress 2016 (CHC-2016) was organized.

IEEE Product Safety Engineering Society

15th Apr 2016: Conducted a one-day hands-on workshop on “LED Luminaries Design, Fabrication and Testing” at Dept. of ECE, Dhirajlal Gandhi College of Technology (DGCT)

3 – 4 Mar 2016: Two days' workshop on “Electronic Circuit Design-Artwork and Practice” was organized at Sreenivasa Institute of Technology and Management Studies (Autonomous), Chittoor, Andhra Pradesh

9th May, 2016: A Technical Seminar on “Easy way to Save the Planet” was organized at Jayaraj Annapackiam CSI College of Engineering, Nazareth

IEEE Madras Section SIGHT

9th Apr 2016: Assigned the task of making Solar Powered Tricycle for Fish Vending Women-II to the students of Annai Vallankanni College of Engineering (AVCE).

14th Apr 2016: Introduction of CC CAM Monitoring system to fishing boats by IEEE ADSF SIGHT.

18th Mar 2016: A discussion with Mr. John Milton on Biometric Card Project.

23rd Apr, 2016: A team of students from Tirunelveli Government College of Engineering visited Jeppiaar Fishing Harbour, Mutton, Kanyakumari District to get better exposure in the field of fishing and fisheries.

24th Apr 2016: Modern Lifebuoy Test at Chotha Vilai Beach.

30th Apr 2016: Awareness programme at the Marina beach reduce the amount of trash at the beach.

13th May 2016: Project team of Mar Ephrem College of Engineering and Technology (MECT) received a biometric reader from the Chair of IEEE Madras Section, Dr. M.A. Ammanand - under the project “Technology Adoption for the Reduction of Vulnerability in Fishing”.

12 - 13 May, 2016: Introductory programme of the project “Technology Adoption for the Reduction of Vulnerability in Fishing”

13th May, 2016: Special Programme for Women on identifying possible self-employment.

16th May 2016: First test of Modern Life Buoy with GPS Tracker held at Chothavilai Beach

20th May 2016: Team conducting Luminous Intensity Study had a meeting with a company called Snows Lights.

IEEE Madras Young Professionals Affinity Group

17th Apr 2016: A white talk on “Money Management” was organized.

CAPE Institute of Technology, Kanyakumari

3 - 4 May 2016: Two-day workshop on Arduino with Mr. L. Arivazhagan, Assistant Professor and Co-coordinator of IEEE SB as subject expert.

Saveetha School of Engineering, Saveetha University, Chennai


IEEE Robotics & Automation Society Chapter

31st May 2016: Technical meet on “Micro Satellite”

Sona College of Technology, Salem

23rd Mar 2016: Workshop on Big Data Analytics.

24th Mar 2016: Technical Symposium CIRCUITRIX

8th Apr 2016: Seminar on the topic “Internet of Things (IoT) applied to Precision Agriculture” by Prof. V. Prithviraj, Principal, Rajalakshmi Engineering College, Chennai.
SASTRA University, Thanjavur

19 - 20 Mar 2016: Student Professional Awareness Conference (SPAC).

28th Feb 2016: Conducted the PCB workshop in association with ASCIEE (Electronics Club at SASTRA University).

Jansons Institute of Technology

June, 2016: Induction of new Office-Bearers

11th May, 2016: Organized an event named “Exploration of IEEE website and Launch of IEEE Email Alias”

Ganadipathy Tulsi's Jain Engineering College, Vellore

7th Mar 2016: Women's Welfare Committee (WWC) in association with IEEE WIE celebrated women's day. Mrs. Thangaprakash, Correspondent and Principal of Sunbeam Schools, Katpadi, Vellore was the Chief Guest.

11 - 12 Mar 2016: Dept. of ECE, IEEE COMSOC in association with SKM Electronics organized Two - Days' workshop on “Arduino Based Designs”. Mr. V. Gopi, CEO, SKM Electronics, Tirumuttur was the resource person of the workshop.

10th May 2016: One day Guest Lecture on “VLSI Design with Dr. S. Vijaykumar, Associate Professor of ECE, SITAMS, Chittoor, AP as Chief Guest.

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Dr. Sivanthi Aditanar College of Engineering, Tiruchendur

10th Feb 2016: Group discussion event judged by Mr. A. Jayapaul Murugan, AP/ECE & Mrs. S. Beula, AP/ECE.

11th Feb 2016: Non Quantitative Aptitude contest for the second year ECE students.

12th Feb 2016: Technical Aptitude contest was conducted for the third year ECE students.

12th Feb 2016: Logo puzzles contest for the final year ECE students.

26th Feb 2016: Techno talk contest was conducted for the third year ECE students.

8th Mar 2016: Paper presentation contest for the second year and third year ECE students.

11th Apr 2016: National seminar on “Trends in Microwave & Antenna Design & Applications”. Dr. V. Prithivirajan, AP/ECE, National Engineering College, Kovilpatti and Dr. A. Beno, AP/ECE were resource-persons.

29th Apr 2016: IEEE awareness programme was conducted

Dr. NGP Institute of Technology, Coimbatore

3rd Mar 2016: Distinguished Lecture Programme on “Drives for Electrical Vehicles” by Dr. K. Raghavan, Associate Professor, Indian Institute of Technology, Gandhinagar, Gujarat.

31st Mar 2016: One-day hands-on workshop on “Industrial Automation Using Ladder Programming”

13th Apr 2016: A seminar on “Career Opportunities for Electrical Engineering in Core Functions” by Mr. Ramasundhar, Founder, Switchgear Training and Recruitment Solutions, Coimbatore & Retd. DGM, L&T Switchgear Ltd, Coimbatore.

20th Apr 2016: An industrial visit to SWELECT Energy Systems Limited, Vellakovil, Tamil Nadu.

10th May, 2016: Voter awareness programme was organized.

Aarupadai Veedu Institute of Technology, Chennai

22nd Feb 2016: Inauguration of the Faculty Lecture Series held by IEEE SB with the ECE Dept.

22nd Feb 2016: The first in this series of lectures was delivered by Dr. B. Sridhar, Prof., ECE, on the topic “Antennas for Energy Harvesting”.

14th Mar 2016: Ms. L. K. Hema, Assoc. Prof., ECE delivered a lecture on “Wireless Sensor Networks” covering the concepts of wireless sensors, wireless sensor networks, their advantages and applications along with the design concepts involved.

15th Mar 2016: Mr. B. Sivachandramahalingam, AP, ECE, delivered a talk on “video Compression Standards” which dealt with the need for video compression, types of compression techniques and existing standards.

16th Mar 2016: Mr. R. Karthikeyan, AP, ECE, delivered a talk on “Machine Learning”.

17th Mar 2016: Mr. J. Salai Thilai Thilagam, Assoc. Prof., ECE delivered a lecture on “Microstrip Antennas”.

18th Mar 2016: Mr. A Subbiah, AP/ECE, delivered a lecture on “Power Plant Instrumentation”.

21st Mar 2016: Mr. R Pathamuthu, AP/ECE delivered a lecture on “ARM Processors”.

22nd Mar 2016: Ms. R. Mohanapriya, AP/ECE delivered a lecture on “Skinput”, an input technology that uses bioacoustics sensing.

23rd Mar 2016: Ms. K. Sasirekha, AP/ECE delivered a lecture on “Smart Sensor Networks”.

29th Mar 2016: Ms. R. Indumathi, AP/ECE delivered a lecture on “Telemadicine”.

29th Mar 2016: Ms. C Manibharathi, AP/ECE delivered a lecture on “Multimedia Compression”.

29th Mar 2016: Mr. R Suresh Kumar, Assoc. Prof/ECE delivered a lecture on “Cloud Computing”.

8th Apr 2016: Mr. P Subramanian, Assoc. Prof/ECE delivered a lecture on “Content-Based Video Indexing and Retrieval”.

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More in Page 03 in LINK-1606

More in Page 5 in LINK-1604 and Page 6 in LINK-1605

More in Page 3 in LINK-1604 and Page 3 in LINK-1605
29th Feb 2016: The Startup Conclave 2016 was organized.

29th Feb & 1st Mar 2016: World Conference on Futuristic Trends in Research and Innovation for Social welfare (WCFTTR’16) was organized by Dept. of ECE (PG), sponsored by IEEE Robotics and Automation Society, Madras Chapter.

17th – 18th Mar 2016: The 3rd International Conference on Innovations in Information Embedded and Communication Systems was organized by Dept. of ECE (PG).

2nd Apr 2016: An Entrepreneurship Development Programme on Solar Energy was organized.

9th Apr 2016: An Entrepreneurship Development Programme on “Why Self Employment – Advantages Over Wage Employment, Entrepreneurship Development – What, Why & How” was organized with Dr. B. Nagaraj, Head, Karpagam Innovation Centre as the resource person.


16th Apr 2016: A motivational event on “Belief in Yourself” was organized with Dr. B. Nagaraj, Head, Karpagam Innovation Centre as the speaker.

29th Apr 2016: A hands-on and experiential entrepreneurship program on the theme “Building A New Venture”.

2nd May 2016: A guest lecture on “Think outside the Box” by Mr. Noor Mohammed.

11th Feb 2016: Inauguration of IEEE Power Electronics Society (PELS) Student Chapter by Dr. R. S. S Naman, Assoc. Prof/EEE, SSN College of Engineering, Chennai and Secretary, IEEE PELS, Madras Section.

12th Feb 2016: Two-day national level workshop on “Control of Electric Drives with Advanced Power Converters”.

9th Mar 2016: Circuit debugging event

17th Mar 2016: Technical quiz on Electric circuit Analysis

6th Apr 2016: Google Tech search Competition.

22nd Mar 2016: Technical quiz on Electromagnetic fields

2nd Mar 2016: Student orientation program (SOP) on “Benefits of IEEE membership”

24th Mar 2016: Conducted JUARA’16, an intra-collegiate meet which consisted of two events, Debate and Ad-Zap.

MAR Ephraem College of Engineering and Technology

2nd Mar 2016: A lecture on “Belief System and Emotional Intelligence” in association with Junior Chamber International (JCI), Madurai.

9th Mar 2016: Guest lecture on “Introduction to Automation on Drives” by Mr. S. Vignesh, Manager, Center for Excellence and Mr. Akmal, Manager-Training Siemens Ltd, Chennai.

23rd Mar 2016: An industrial visit to Kudankulam Nuclear Power Plant.

M. Kumarasamy College of Engineering, Karur

24th Mar 2016: A lecture on “Belief System and Emotional Intelligence” in association with Junior Chamber International (JCI), Madurai.

2nd Mar 2016: A lecture on “Think out of Box” by Mr. S. Vivekanandan, AP/EEE and Dr. V. Kumar Chinnaiyan.

All progress takes place outside the comfort zone. - Michael John Bobak
Panimalar Institute of Technology, Chennai

4th Mar 2016: Chart-making event.
7th Mar 2016: Model-making event
9th Mar 2016: Lecture on Women Entrepreneurship and Entrepreneurs by Sree VishnuPriya K, Regional Program Executive from “ENACTUS”, an international non-profit organization
10th Mar 2016: Woman’s Day Celebration
10th Mar 2016: Lecture on Emerging Trends in VLSI Signal Processing by Mr. Senthil Arunachalam, Director – Automotive Business Unit, Jasmin Infotech Pvt. Ltd., Chennai
14th Mar 2016: Lectures on “Embedded Systems” and “Enjoyable Introduction to Coding” by Dr. Jey Veerasamy, Director, Center for Computer Science Education & Outreach, University of Texas, Dallas
16th Mar 2016: Lecture on Leadership Quality by Mr. S. Varadarajan, Chief Empowerment Officer & Mentor, V empower Academy, Chennai
16th Mar 2016: Lecture on Skill Development by Mr. Paul Baskaran, Competent Communicator and Competent Leader with Toastmasters International, USA.
16th Mar 2016: Lecture on Public Speaking by Mr. E. Sathyarayan, Software Engineer, Mphasis, Chennai
21st Mar 2016: Seminar on “How to Crack UPSC & Competitive Exams” with Mr. M. Arun, IEEE SB Counselor was the resource person.
22nd Mar 2016: Seminar on “Molecular Communications” by Mr. S. Ganesh, Assoc. Prof/ECE.
12th Apr 2016: Quiz contest on currentaffairs & Indian Politics
13th Apr 2016: Lecture on “Expectations of IT Industries from Young Engineers by a college alumni, Mr. Jeeva Mahendran, Senior Software Developer, Wipro & Founder of a Start Up as the resource person
14th Apr 2016: Project contest
18th Apr 2016: Seminar on Technological Advancement in the field of Communication with Dr. M. Prem Kumar, Prof/ECE was the resource person
18th Apr 2016: Seminar on Advanced Embedded Processor with Mr. S. Ganesh, Assoc. Prof/ECE was the resource person.
20th Apr 2016: Seminar on Recent trends in Image & Video Processing by Mr. L. Ashok Kumar, AP/ECE.
20th Apr 2016: Seminar on Networking with Mrs. R. Suganthi AP/ECE & Ms. Jyotsna, AP/ECE were the resource persons.
20th Apr 2016: Seminar on Scope of VLSI Domain & its Opportunities by Mr. J. Venkatesan, AP/ECE

Sri Ramakrishna Engineering College, Coimbatore

5th Feb 2016: National level technical expo - Techkosmos’16

Sri Sai Ram Engineering College, Chennai


Sri Krishna College of Engineering and Technology, Coimbatore

24th Feb 2016: One-day national level technical symposium, KRISNECS-2K16.
29th Mar 2016: Women’s Empowerment Programme commemorating “The International Women’s day” in which talk was given by Dr. P. Thamarai Selvi, SoM Dept.

Entrepeneurship & Innovation Committee Activities

12 – 13 Mar 2016: Two-day Graphic Design Workshop

Sri Venkateswara College of Engineering, Chennai

30th Apr 2016: Arduino workshop
29th Apr 2016: Guest lecture by Mr. Rajasekar, Director IT, Lantrasoft on ‘The Trending Engineering Practices’.

St Joseph’s College of Engineering, Chennai

13th Feb 2016: lecture on “Concepts of Embedded System” by Mr. G.S. Ayyapan, Senior Scientist, CSIO-CSIR.
Sastra University

8th Apr 2016: IEEE SB in association with SANKALP (Technical fest of SASTRA) conducted a Tech Quiz to encourage the technical knowledge of the students.

VV Chronicle: IEEE SB has started an initiative that sends electronics-related articles and research papers through e-mail to the interested students twice a week.


More in Page 9 in LINK-1605

Thiagarajar College of Engineering, Madurai

17th Mar 2016: Technical Connexion Contest
22nd Mar 2016: Paper presentation contest
17th Feb 2016: Tech talk series event

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Velammal Engineering College, Chennai

23rd Jan, 2016: One-day Workshop on topic ‘Research Prospective – An insight to Proposals and Patents’
1st - 5th Feb, 2016: One-week value-added course on topic ‘MATLAB for Engineers’
4th Apr 2016: WIE chapter inauguration.

More in Page 11 in LINK-1606

IEEE Professional Communication Society

23rd Jan 2016: Talk on “Trends and Ideas for the Technology Entrepreneur” by Mr. Dorai Thodla.
6th Mar 2016: CSI Day Celebrations including presentation of student projects and ICT Quiz.
14th Mar 2016: Talks on “Life as Software Engineer” and “Final year CS projects” by Dr. Jey Veerasamy, Director of Center for Computer Science Education & Outreach, CS Teaching Faculty, University of Texas at Dallas, USA.
23rd Mar 2016: Presentation on “Strategies for Effective Business Communication” by Mr. G. Thirumurugan, Managing Director, Rakshashe.com at Chennai.
23rd Mar 2016: Leadership Session on “Grow from a Functional Leader to a Business Leader” by Mr. V. Ramanathan, Management Consultant at Chennai.

More in Page 23 in LINK-1605 & Page 15 in LINK-1606

Women in Engineering (WIE) AG Activities

27th Feb 2016: STAR Programme: TechFest – 2016, was organized at Saveetha University for the benefit of Diploma College students, on 27th Feb 2016.


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IEEE Computer Society

23rd Mar 2016: Presentation on “Strategies for Effective Business Communication” by Mr. G. Thirumurugan, Managing Director, Rakshashe.com at Chennai.
23rd Mar 2016: Leadership Session on “Grow from a Functional Leader to a Business Leader” by Mr. V. Ramanathan, Management Consultant at Chennai.
29th Mar 2016: Technical Talk on “Digital India, Make in India, Skill India & Start-up India” by Mr. H.R. Mohan, Vice Chairman, IEEE Madras Section, Chairman, IEEE CS & PCS at Francis Xavier Engineering College, Tirunelveli.
22nd Apr 2016: Presentation on “CMMI - Future Direction, Relevance in Modern Day Products & Services” by Kirk Botula, CEO, CMMI Institute (USA).

More in Page 23 in LINK-1605

SRM University, Ramapuram Campus, Chennai

26th Mar 2016: One-day workshop on “Neural Network, Fuzzy Logic and its Applications to the Engineering Problems”.

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IEEE MAS - LINK
IEEE MAS LINK congratulates

- Mr. S. Sellakumar, Counsellor, IEEE SB at Jeppiaar Engineering College, Chennai for having won the third prize in R10 Website Contest organised by the IEEE Region 10 Student Activities Committee. The SB gets a cash prize of USD 200 and a certificate.

- The winners of the MAS LINK READERS QUIZ-1603 -- Mr. V. Sudarisan, Student Member, SAASTRA University & Dr. R. Ramaraprabha, Professional Member, SSN College of Engineering who will get Amazon Gift Coupon of value Rs. 500/= from IEEE PCS Madras Chapter.

- The winners of the MAS LINK READERS QUIZ-1604 -- Mr. M. Jawahar, Student Member, MEPCO Schlenk Engineering College, Sivakasi & Dr. K. P. Pankumar, Professional Member, Dr. N. G. P. Institute of Technology, Coimbatore who will get Amazon Gift Coupon of value Rs. 500/= from IEEE Communications Society Madras Chapter.

- The winners of the MAS LINK READERS QUIZ-1605 -- Mr. Arun Srivastava, Professional Member, Leeyo, Sivakasi & Dr. P. Sakhthivel, Professional Member, Anna University, Chennai who will get Amazon Gift Coupon of value Rs. 500/= from IEEE Computer Society Madras Chapter.

- The following Members for having been elevated to Senior Member grade in 2016 (till Apr).
  
  Babu K N Dinesh
  C Venkatesh
  Das Sukhendu
  Jayaparvathy R
  K Sivasankaran
  Karuppannan Sundararaju
  Krishnan Kothalam Nagarajan
  Manoharan Arumugam
  Nagamani Chilakapati
  Nandivada V Krishna
  P Vijayalakshmi
  P S Mayurappriyan
  Pudhupallyam Murugeasan Beulah
  R Ramaraprabha
  Radha S
  Rajini Veeraraghavalu
  S Joseph Gladwin
  S Arumugam
  S Malvarzhi
  S Vijayalakshmi
  Shanmugam Paramasivam
  Sivakumar R
  Sivarajan Ganesan
  Thiripurasundari D
  Uppu Dr. Ramachandraiah
  Vijayan Thulasia
  VP Sampath

Information Resources

The A-Z of computer and data security threats: Whether you’re an IT professional, use a computer at work, or just browse the Internet, this book is for you. We explain the facts about threats to your computer and to your data in simple, easy-to-understand language. https://goo.gl/XHRbJb

Top 10 IoT Platforms: In simple words the purpose of any IoT device is to connect with other IoT devices and applications (cloud-based mostly) to relay information using internet transfer protocols. The gap between the device sensors and data networks is filled by an IoT Platform. Such a platform connects the data network to the sensor arrangement and provides insights using backend applications to make sense of plethora of data generated by hundreds of sensors. In light of the possibilities that internet of things is offering tech companies has started capitalizing it. There are many IoT platforms available now that provide option to deploy internet of things applications on the go. While there are hundreds of companies and a few startups venturing into IoT platform development, players like Amazon and Microsoft are way ahead of others in the competition. Read on to know about top 10 IoT platforms you can use for your applications. http://goo.gl/sta8DJ

Master these 10 processes to sharpen your project management skills: The bigger and more complex a project gets, the more you need formal processes and techniques to effectively manage the work. Project management expert Tom Mochal explains the purpose, value, and implementation of the most critical aspects of successfully managing a project. http://goo.gl/SDshdM

7 lessons start-ups can learn from the Armed Forces: The fundamental definition of warfare is 'more contenders with less resources'. Interestingly enough, it is also the fundamental definition of a business. Raghu Raman in his recent TEDx talk in Goa taught 7 lessons that a startup can learn from an army and succeed. He said there is a single tool to make this lesson easy. The tool is simple, the Z KIT bag that an army carries. This tool has been used worldwide to understand complex problems. “This framework can be used to write a term paper or used for your startup to scale up,” said Raghu. Here it begins with each alphabet. http://goo.gl/RaGrG

25+ Alternative & Open Source Database Engines: Almost every web developer has a favorite database that he/she feels comfortable working with as all the tricks & gimmicks are already experienced. It can be one of the popular databases below: MySQL; PostgreSQL; MSSQL; SQLite; MS Access or even simpler ones like XML, text, etc. It is understandable why these databases are frequently used; they are well-documented, have a community behind them, integrated with most popular CMS’s, easy-to-use, offered by most of the hosting companies, etc. But there are also many other databases which are getting popular day-by-day & may have advantages over what you're already using. Here are 25+ open source alternative databases that you may consider using in your next project: http://goo.gl/1eAiJU

Your questions answered on artificial intelligence: Artificial intelligence and robotics have enjoyed a resurgence of interest, and there is renewed optimism about their place in our future. But what do they mean for us? Some questions about artificial intelligence and robotics, and the answers by the Conversation’s experts. https://goo.gl/KoVu7g

Teaching Pack: Artificial Neural Networks: This teaching pack from Computational Intelligence Society is designed to introduce artificial neural networks to 14 to 18 year olds. The pack comprises: An interactive power point presentation which examines how we learn using our brain and examines, what exactly is an artificial neural network?. Provides a basic introduction to how an artificial neural network learns; Introduces a simple Eyeball Neural Network and associated activity- how does the network learn to detect apples?; And a hands-on classroom activity where you get to identify features and classify items in a bag. http://goo.gl/0mKmD

IoT Programming Languages You Must Know: Internet of Things projects attracts many beginners and students. Ability to connect physical objects to create an easy human experience is a tremendous achievement in its own. For any IoT project the choice of the software and hardware is a tough call. Where selection of hardware can be truly cumbersome, choice of a language to program IoT is also not an easy call. Here we list top 10 IoT programming languages you can get started with. http://goo.gl/CYo6tZ

100 IoT Open Source Development Tools And Resources: Reasons for the popularity of the IoT open source development tools are the community of users. This community wants to have the open market for utilizing consumer technology devices and not to be dominated by a single vendor. Another reason of going open source is to provide an ecosystem where the IoT devices and applications developed can be integrated without hassles and many efforts. Finally going open source means your device or application can support numerous vendors as you will not be developing code for any specific vendor. Internet of Things (IoT) open source development tools are mostly developed by the open source community which had worked from early on in the IoT domain. You can deploy the IoT applications making use of these tools sooner than ever before. If you are beginning to build your first internet of things application
then this open source tool guide is exclusively for you. Here we list 100 most widely used and reliable open source tools for developing IoT apps. We have tried our best to include IoT hardware platforms, development tools, software, integrations tools, operating systems and monitoring tools. http://goo.gl/yOqobn

Online (Mostly Free!) IoT courses You Should Know: In the realm of Internet of Things every physical object will be connected. From home appliances to security systems to healthcare devices, this tech is going to be part of our lives. Have you ever wonder what impact it is going to create on the job sector. Opportunities are endless and you can become not only a learner and innovator but also a highly successful entrepreneur if you utilize the listed IoT courses curriculum wisely. Previously when .com era created millionaires by dozens a years, IoT platforms are changing society: Humanity is evolving in many ways thanks to mobile devices. But are all the changes for the better? http://goo.gl/aUJtwE

Special Report on Startups: Engineering and entrepreneurship in many ways go hand in hand. IEEE members have for decades been at the forefront of turning their ideas into successful businesses. In this issue, we present IEEE’s efforts to attract more entrepreneurial types to the organization and to support members' ventures through online resources, networking events, and more. A venture capitalist whose companies have never failed shares his advice with engineers who want to turn their business or product ideas into reality. We also feature several members behind some of today's hottest startups and delve into the humble beginnings of Microsoft, Hewlett-Packard, and other multibillion-dollar companies. http://goo.gl/aP0XqI

The top 10 projects to try out with your Raspberry Pi 3: If you snapped up one of the more than 200,000 Raspberry Pi 3's available at launch, you might be wondering just what you can do with a $35 computer. Here are 10 projects to get you going with the Pi 3 - some that make the most of the board's more capable hardware, some that are classic uses for the Pi and others that are just plain fun. http://goo.gl/VKgQG9

10 ways mobile apps are bringing breakthrough technologies to business: The best mobile apps are giving companies unprecedented efficiency, convenience, and the ability to deliver a topnotch customer experience. Tens of thousands of mobile apps have been deployed by companies in the past three years. What we've learned from these deployments is that certain application scenarios are head and shoulders above others in terms of their usability and their ability to make a difference in the business.

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IEEE Madras Section Student Project Funding (SPF 2015-16)

IEEE Madras Section SPF 2015-16 called for proposals from the various student branches. The received proposals were shortlisted for preliminary evaluation and recommended for the final project submission. The final project demo and validation by the students was carried out at the IEEE Madras Section on 7th May 2016. The projects funded include the following:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Project Title</th>
<th>Name of the Student</th>
<th>Name of the College</th>
<th>Amount Funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Life Protector Robot for Child in the Borehole</td>
<td>A.S. Hemnath Kowshick</td>
<td>Knowledge Institute of Technology</td>
<td>5000/-</td>
</tr>
<tr>
<td>3.</td>
<td>Automatic Fall Detection for the Elderly People using Motion Sensing</td>
<td>D. Sharmila S. Lukeman Hakkim</td>
<td>Sri Ramakrishna Engineering College</td>
<td>7000/-</td>
</tr>
<tr>
<td>4.</td>
<td>Torque Ripple and Harmonics Reduction in BLDC drive using SVPWM Cascaded Multilevel Inverter</td>
<td>K. Haripriya R. Jeevabharati G. Nandini S. Piyanga</td>
<td>Dr.N.G.P. Institute of Technology</td>
<td>5000/-</td>
</tr>
<tr>
<td>5.</td>
<td>Development of Biomedical Remote Data Logging System with Raspberry Pi Based Embedded Webserver</td>
<td>S. Ranjith T. Poopal</td>
<td>Jeppiaar Institute of Technology</td>
<td>3000/-</td>
</tr>
<tr>
<td>6.</td>
<td>Automated Wheel Chair using Sensor Networks</td>
<td>N. Srividya V. Soniya</td>
<td>SSN College of Engineering</td>
<td>15000/-</td>
</tr>
<tr>
<td>7.</td>
<td>Intelligent Accident Alert and Safety System using GSM</td>
<td>M. Premihaar N.P. Ria</td>
<td>Panimalar Institute of Technology</td>
<td>2000/-</td>
</tr>
<tr>
<td>8.</td>
<td>Realtime Public Road Transport Information &amp; Monitoring System</td>
<td>R. Kiran M. Sathya S. Surendran M. Vikram</td>
<td>Dr.N.G.P. Institute of Technology</td>
<td>5000/-</td>
</tr>
<tr>
<td>9.</td>
<td>Internet of E&amp;E Appliances</td>
<td>M.S. Saravanan Mohammed Burhanuddin Dadni</td>
<td>Panimalar Institute of Technology</td>
<td>10000/-</td>
</tr>
</tbody>
</table>
Upgrade to Senior Member Grade: If you are not yet become a senior member, pl. visit the webpage on “Become an IEEE Senior Member” at http://www.ieee.org/membership_services/membership/senior/index.html

New IEEE Smart Cities MOOC: Big Data for Smart Cities: Cities run on a stream of data. In the smart city, the innovative use of data helps provide better and more inventive services to improve people’s lives and make the entire city run more smoothly. But the data our cities collect nowadays is more massive and varied, and is accessed at higher speeds than ever before. This is Big Data. New technologies are constantly being developed to better manage Big Data. This computer science course, from the IEEE Smart Cities initiative and the University of Trento, helps students understand and use these new technologies to help improve a city. Learn more and enroll today at edX.

Return-To-Work: Any of your friends or former colleagues ready to resume her career after a break? eWIT has recently launched Return-To-Work program. Several organizations like, iNautix Technologies, Virtusa-Polaris, Sutherland Global, Fifth Generation Technologies, Maarga Systems, RR Donnelley have come forward to support this initiative. There are many openings, in different functional areas. Experience, career break and wanting to resume one's career are the only prerequisites to apply. For registration link visit eWIT website home page www.ewit.co.in For clarifications, please write to admin@ewit.co.in or call 044-42120706.

How IEEE Helps Entrepreneurs: Pramod Abichandani, IEEE member and CEO/founder of Locorobo, discusses how IEEE helped him launch his concept for low-cost educational robotics into a viable company. See the video at http://ieeetv.ieee.org/ieeetv-specials/how-ieee-helps-entrepreneurs

IEEE Madras Section is recognized for retention goal: Mr. Antonio Luque, Chair (2016), IEEE Membership Recruitment and Recovery Committee has sent a communication to the Chair, IEEE Madras Section recognizing the Section for meeting its retention goal for the 2016 membership year. The membership development goals were developed based on the Section’s four year performance. We have been commended for continuing to grow the IEEE membership in the Madras Section. In recognition of this achievement, an image is presented to us for placing in our e-mail signature and in the Section website and newsletters, which signifies the outstanding achievement for the 2016 membership year.

Group Medical Insurance: IEEE members residing in India are now eligible to subscribe to IEEE-supported group medical insurance. The new, exclusive insurance program will provide comprehensive medical benefits for eligible members and their families, including members’ parents or in-laws. Ongoing IEEE membership will be required in order to renew the insurance every year. Learn more about the IEEE Group Medical Insurance from http://www.ieee.org/membership_services/membership/discounts/group_insurance.html

Career Opportunities in IEEE Collabratec: Leverage the benefits your IEEE Membership offers to advance your career. Upload your resume/CV and complete your employment preferences to be discovered by organizations seeking talent. Employers are looking for qualified candidates to fill their open technology positions. Explore your career opportunities in IEEE Collabratec today at http://ieee-collabratec.ieee.org

Join exclusive IEEE Collabratec communities: Joining Communities on IEEE Collabratec allows you to stay connected with others who share similar interests. Contribute to group discussions, ask questions of your peers, or share content that others might be searching for. Join these communities.

India Community at https://ieee-collabratec.ieee.org/app/community/81/activities
CareersConnect - India at https://ieee-collabratec.ieee.org/app/community/72
IEEE Membership Forum at https://ieee-collabratec.ieee.org/app/community/80/activities

Group Challan Payment Option for IEEE membership: IEEE is officially launching the Group Challan payment option for student branches, institutions, and any individual or organization that wish to make group payment for IEEE Membership(s) using Indian Rupees. For further details and instructions on the Group Challan payment option, please visit https://www.ieee.org/membership_services/membership/rupee_join_option.html

If you have any additional questions or concerns, please direct them to groupchallan@ieee.org

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