



# IEEE SB MESCE NEWSLETTER

MES College of Engineering, Kuttippuram

## Introduction to IEEE

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*"Bestow on the youth my warmth of feeling,  
My unbound love and my vision.  
My only prayer to you my Lord, is that  
The Light of my vision be diffused amongst all"*

*Dr. Sir. Muhammad Iqbal*

IEEE, pronounced "Eye-triple-E," stands for the Institute of Electrical and Electronics Engineers. IEEE is the world's largest professional society dedicated to advancing technology, for the benefit of humanity. IEEE was formed in 1963 from the amalgamation of the American Institute of Electrical Engineers. Today, IEEE is the largest professional society in the world, with more than 4 million members, and student branches in nearly seven thousand colleges and universities all over the world. The IEEE

## MESSAGES



I am very happy to know that IEEE student chapter at MES College of Engineering, Kuttippuram is bringing out a Newsletter in Feb. 2015. Let me congratulate all the members of the chapter for taking up such a commendable initiative. I am sure all the students will make use of this opportunity to contribute technical articles as well as other interesting essays they wish to share with the academic community. This could be a stepping stone to excel in your profession by making original contributions to science and technology. I wish you all success in all your efforts.

**Prof. (Dr.) K P Mohammed**

*Director, MESCE*



I congratulate the IEEE SB team of MESCE for their initiative to publish a newsletter. I see this as a part of our rejuvenated efforts for becoming the front runner of SB activities in Kerala section. Being an IEEE member gives us a feel of being a part of a global community and it open new avenues of professional life before its members. Along with doing things making it visible is also important in the emerging world. I think this kind of a newsletter will serve that purpose. I hope that this new venture will act as a forum for the dissemination of ideas and wish it all the success

**Prof. (Dr.) Mohamed Bedeuzzaman**

*Vice Principal, MESCE, IEEE#91243493  
IEEE Malabar Section Exe-com Member*



IEEE stands for quality and its mission is fostering technical innovation and excellence for the benefit of humanity. I wish all success to the endeavours of the IEEE.

**Prof. (Dr.) V H Abdul Salam**

*Principal, MESCE*

On behalf of the Editorial Board, IEEE SB, MES College of Engineering, Kuttippuram, may I wish you and your family very good fortune and health in this New year. I would like to take this great opportunity to thank all the editorial members and contributors for their unflinching support to this first edition of the Newsletter from IEEE SB. The aim of this is to serve as a platform for students to share their knowledge and thoughts in science and technology so that new fellows are encouraged to apply for IEEE membership. We are so pleased to receive the warm and encouraging messages from our respected Principal, Director and Heads of various departments for the release of our first issue of the newsletter. I think in this kind of a literary work, you are welcome any time and there is no 'too late'. We look forward in this technical event to share and to learn the most updated ideas and knowledge of technical fields. Further comments and submissions are always welcome.



**Mrs. Sabira C**

*Chief Editor, Newsletter 2015  
M.Tech. EEE IEEE#93276045*

Board of Directors is the governing body of IEEE and is responsible for all assets of IEEE.

**Mission Statement:** IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

**Vision Statement:** IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions. Its objectives are the educational and technical advancement of electrical and electronic engineering, telecommunications, computer engineering and allied disciplines.

❖ In pursuing these goals, the IEEE serves as a major publisher of highly cited scientific journals and organizer of conferences, workshops, and symposia.

❖ It is also a leading standards development organization for the development of industrial standards in a broad range of disciplines

including electrical, electronics, computers, and information sciences.

❖ Moreover, IEEE and its members inspire the global community through its professional and educational activities.

**IEEE Quick Facts:** IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.

IEEE has:

- More than 430,000 members in 160 countries;
- More than 120,000 Student members;
- 333 sections in ten geographic regions worldwide;
- 2,231 chapters that unite local members with similar technical interests;
- 2,516 student branches in 80 countries;
- 790 student branch chapters of IEEE technical societies;
- 432 affinity groups –Young Professionals

(YP), Women in Engineering (WIE), and Life Members (LM).

- 38 Societies and ten technical Councils;
- More than 3.5 million documents in the IEEE Xplore Digital Library, with more than 8 million downloads each month;
- More than 1,500 standards and projects under development;
- Publishes approximately 170 transactions, journals, and magazines;
- Sponsors more than 1,300 conferences in 92 countries while;
- ❖ partnering with more than 1,000 non-IEEE entities globally;
- ❖ attracting more than 419,000 conference attendees;
- ❖ publishing more than 1,200 conference proceedings via IEEE Xplore.

**Organizational Structure:** IEEE has a dual complementary regional and technical structure – with organizational units based on geography and technical focus.

## MESSAGES



*"The secret to creativity knows how to hide your sources"-Albert Einstein*

Although we hail from varied backgrounds, being creative we all seem to have one thing in common; We love what we are doing. Being professionals, we don't have to be a special kind of person to be creative. It is not about who we are, it is about what we do.

We can edit the script of our life for Peace, Happiness, Love and Wisdom. Always remember that "One is the author of one's choices".

**Shahad B V**

*Editor and Publisher, S4 AEI  
IEEE #92937786*



I am happy that the first issue of the IEEE newsletter has come out very well. As you all are aware the newsletter is the media to communicate the activities of the IEEE student branch of this college.

I am sure you might be planning your activities for the year 2015. It is also time to tap various resources and services of IEEE to plan activities at our student branch and this will also help in penetrating the awareness of IEEE in the young minds of future professionals.

I wish all the best to the student branch to achieve the goals and objectives of IEEE. Having said this I would like to emphasize that team spirit and unity are essential to fulfil the vision and mission of IEEE. With best wishes

**Prof. Mredhula L**

*HOD, Dept. of CSE, MESCE  
IEEE # 41544701*



It gives me immense pleasure to learn that IEEE students chapter of MES College of Engineering, Kuttippuram is bringing out a "Newsletter" on the occasion of "MESTECH 15". It is a matter of pride to the institution as many students can come up with innovative ideas and thoughts in Technology and Science. This institution has contributed significantly to the growth of technical education in the country. I wish this Newsletter will serve as a good media for our young minds to excel. I congratulate all students and staff who deviated their precious time for the marvelous piece of literary works.

I am sure that contents of this literary work will reflect the talents of our students who are also practically creative in profession. I hope that this piece of work will reflect the subtle sensation of our students in the field of education, art, literature and culture.

My special regards to team of students and faculty members who have taken keen interest in bringing out this issue. May GOD, the Almighty bless our young engineers. I wish all success to this venture of our students.

**Prof. (Dr.) K M Moideen Kutty**

*HOD, Dept. of EEE, MESCE*



I am happy that a Newsletter is being published by IEEE Student branch of our college on the occasion of MESTECH -2015. I am sure that this will give students and faculty an ample opportunity to publish their articles. I take this opportunity to congratulate all the members of IEEE SB of our college and wish all success in their future activities."

**Prof. (Dr.) Gopakumar A**

*HOD, Dept. of ECE, MESCE  
IEEE Malabar Section Vice Chair  
IEEE # 41592030*

