

# Reflections

**ECE DEPARTMENT**



## **From HOD'S Desk:-**

*NBA stands for National Board of Accreditation. It was constituted to periodically conduct evaluation of Technical Institutions or Programs on the basis of guidelines, Norms and Standards specified by it and to it by AICTE or the council or the commission, regarding recognition and derecognition of the institution or the program. Accreditation is for recognition and guarantee of minimum quality. The goals of NBA are to develop a quality conscious system of technical education where:*

*Excellence, relevance to market needs, and participation by all stake holders are prime and major determinants. This year onwards we are also in the path of getting accredited by NBA which will help our institution to get an international level acceptance. we are conducting a lot of workshops, training programs to attain this goal. If we work together for this goal we can achieve it without any difficulty.*

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**XI**

**JAN—MAR  
2015**

## **NBA ACCREDITATION AT MANGALAM**

The National Board of Accreditation (NBA), India was initially established by AICTE in the year 1994, for periodic evaluations of technical institutions & programs basis according to specified norms and standards as recommended by AICTE council.

NBA in its present form came into existence as an autonomous body, with the objective of Assurance of Quality and Relevance of Education, especially of the programs in professional and technical disciplines, i.e., Engineering and Technology, Management, Architecture, Pharmacy and Hospitality, through the mechanism of accreditation of programs offered by technical institutions. NBA has introduced a new process, parameters and criteria for accreditation. These are in line with the best international practices and oriented to assess the outcomes of the programme.

The vision of NBA body is to be a World Class Accrediting Agency by ensuring highest degree of credibility in assurance of Quality and Relevance of Professional Education and come to the expectations of its Stake-holders viz. Academicians, Corporate, Educational Institutions, Government, Industry, Regulators, Students and their Parents. Its mission is to stimulate the quality of teaching, self evaluation and accountability in higher education and facilitate the Institutions in realizing their academic objectives, adopt teaching practices that enable them to produce high quality professionals and to assist them in continuously contributing to the domain of knowledge through innovations & research.

As part of achieving high quality in technical education frontiers Mangalam also going to be accredited by NBA. From the higher that is management level to the student level of hierarchy we at mangalam are trying to improve ourself to be quality professionals and teachers to mould our students in a way to compete in the fast growing technical world so that the students will be industry valuable technocrats in future. The students can meet the requirements of the evolving great industries in electronics computer science etc. and they can be productive in today' world.

As part of accreditation faculty members get classes related to the criteria of Accreditation process, its requirements etc. Mr. Mahadevan( AASAAN group) an eminent academician and an advisor to various colleges for accreditation lead the classes for faculties.

**SMRITIHETHU****VOLUME 11**

The official declaration of Electronics Association was on 7<sup>th</sup> February 2015. This event was first conceived by the inspiring mind of Prof Asha Panicker, HOD ECE Department. The program was coordinated by Ms Simi P Thomas and Mr.Nidhish Antony (Assistant Professors ECE department). The ECE department emphasizes on developing such an association rather than conducting tech-fests.

The main motive of this association is to learn and know beyond the curriculum. These include Industrial Visits, Industrial Trainings, Group Discussions, and Seminars by eminent personalities from the various industries/fields, debates & quiz, preparation for campus interviews, to motivate and to encourage students to participate in various technical and cultural events. The official ceremony started with a prayer. Mr. Biju Varghese, chairman of Mangalam Educational Trust, inaugurated the ceremony. The meeting was presided by Prof. Manoj George, Vice Principal of Mangalam College of Engineering. HOD, faculties of ECE department, student representatives of both PG and UG also attended the inaugural ceremony. The official Logo was launched



by Mr. Biju Varghese and it was named 'SMRITIHETHU'. **Smriti** (in Sanskrit), literally means "that which is remembered" and **Hetu** (in Sanskrit) the Cause or impulse; in the Nyaya system of philosophy. The word meaning of '**SMRITIHETHU**' is the "cause of memory". After the logo launch, there was an inspiring talk by Prof. Asha Panicker, HOD of ECE Department. Followed by a talk by the chair person, Ms. Agnes Mary Greeshma of S8. She emphasized on the project works done by the



final year students. Another student from M.Tech also delivered a speech. It was an inspiring description about the project works and seminars which they are indulging in currently. Prizes were distributed to the students by the Vice Principal for their innovative project works. The event concluded with a small tea party. Thus '**SMRITIHETHU**', is a milestone in the history of Mangalam College of Engineering.

## PROJECT EXHIBITION



For an engineering aspirant his project work is the most important thing in his study. It is the place where he can showcase his innovative ideas, apply his knowledge in his stream and bring about new principle in his technology domain.

For bringing out the novelties in Electronics and Communication we are encouraging the students to do socially relevant projects like robotic areas, GPS, GSM based systems etc. So that the students can use their knowledge to contribute to the sake of the society.

We also conduct exhibitions of their projects. This will help to make the public aware of our student's knowledge in their subject and their sparking ideas towards the goodness of the society.

This semester on January 6th we conducted such a project exhibition in which students of ECE 4<sup>th</sup> semester exhibited the project works done on their circuit boards. Eventhough these projects are small ones, each of those contain a small piece of creative idea in it.

Those who watched this exhibition can see a bright creative idea hiding inside the engineering minds of our students.



## *Sarang 2015- The Colour Fiesta*

“Mangalam College of Engineering has witnessed another season of Sarang 2015 on 21st and 22nd March. It is the 4<sup>th</sup> year we are making this event a grant success. Every one of our staff members, students and management teams contributed their best to make this colourful event a grant success. This event brought out the hidden artistic talents in young engineers of Mangalam.



A lot of such variety event's and student talent's came into reality on that day. Students competed in different events like western, classical and several other dance forms, musical events including light music, recitation and classical, drama painting including face painting, on the spot painting, nail art, elocution, and instruments. We were able to witness amazing talented performance from each of our students on that day.

The event was inaugurated by the young cine artist Mr. Aju Varghese. Our beloved chairman Er. Biju Varghese gave the presidential address. On the occasion the co-coordinator of the event Mr. Chikku Abraham (HOD, EEE dept), student representatives were all present. The 2 day event was a festival of colors and students really enjoyed these events to the maximum. The program came to an end on the evening of 22<sup>nd</sup> March evening after a DJ performance conducted by the famous DJ Mr. Savio. This program will surely remain in the minds of all our students even after they leave this college.

The event was inaugurated by the young



**DEPARTMENT NEWS AND EVENTS****VOLUME 11****Open House:-**

The department was regularly conducting the open house for its students to analyze the performance of students and to evaluate them for future changes in academics. This semester also we conducted an open house for the 4th 6th and 8th semester students during the month of March.

Open house for the students of 8th semester was on 19th March and for the other semester the days were the following:

For 6th semester : 23rd and 24th March

For 4th semester : 25th and 26th March

By conducting open house, the teachers and parents will be able to evaluate their students performance at home and parents will be able to understand their child's academic activities at college. Better understanding between parents and teachers will definitely help the mentors to work better with insight and rectify if there is any shortcomings.

**Placements:-**

Students of ECE 8th semester Arun Mohan and Agnes Mary Greeshma were placed in the companies FACE Academy and IBS respectively.

On behalf of ECE Department we congratulate both of them in their achievement.

**FUTURE EVENTS*****KERALA TECHNICAL UNIVERSITY AFFILIATION***

From this year admission onwards Mangalam is going to be a part of KTU (Kerala Technical University) –An autonomous body established under the Kerala government for the improved and efficient working of the technical institutions in Kerala. It is better if such a sole body take the responsibility of entire technical educations since it will enhance the quality of engineering discipline in our state. This will help our students to improve their quality to compete in the fast growing technology market.

***NBA Accreditation***

As part of improving our quality of engineering to globally accepted level we are planning to achieve accreditation from the premier organization-NBA-National Bureau of Accreditation. If everything goes in the right way we will be accredited by 2016. This will be a great milestone in the history of Mangalam group of institutions especially for engineering college.