

Orientation Class of SIG

Date: 9 August 2018

Venue: Room 200

Category: Technical

Total attended: 91

IAS attended: 24

Summary:

IAS-TKMCE kicked off its activities for the 2018-19 tenure with its most prestigious projects so far, the Special Interest Group (SIG) program. The program was launched as a combined endeavor with IEDC forum of TKMCE to help students attain theory and practice in two of the most upcoming fields of engineering science, Artificial Intelligence and Internet of Things. The groups gave students an opportunity to explore new frontiers of technology and science outside their academics. At the orientation, the mentors for each group were introduced and the students interacted with them. The event resulted in a huge turnout just showcasing the enthusiasm of the students.



SIGAI: Class on Introduction to AI

Date: 6th August 2018

Venue: Room 200

Category: Technical

Total Attended: 40

IAS attended: 18

Summary:

SIG AI was introduced as a combined endeavor of IEEE IAS and IEDC student bodies of TKMCE to introduce the students to new opportunities in AI and IOT and give them more insight to the concepts and ideas of machine language.

The first session of SIG was conducted on August 6th, 2018 Thursday at 4:30 pm in room no. 200. Abhinand of S7 ECE took the classes for 40 passionate students comprising of 18 IAS and 22 non-IAS members. He introduced them into the world of machine learning and familiarizes them with different tools in machine learning.



SIGIoT: Introduction to Embedded System using Arduino

Date: 7th October 2018

Venue: Room 200

Category: Technical

Total attended: 38

IAS attended: 16

Summary:

The first session of SIG IoT was conducted on Oct 7th 2018. The session was handled by Abhinand A S of S7 ECE. More than 30 enthusiastic students attended the session on introductory concepts of IoT. Internet of Things is expanding at a rapid rate and it is important for both students and young professionals to know what it is and how it works. The class gave them an insight to IoT and its concepts. They learned about the 'things' that make up the internet of things, including how they are connected together, how they communicate and how they value add to the data generated.



SIGAI: Class on Data Preprocessing in Machine Learning

Date: 8th October 2018

Venue: Room 236

Category: Technical

Total Attended: 52

IAS attended: 18

Summary:

The second session of SIG AI was conducted on October 8,2018 .The session was handled by Parth Suresh of s7 CSE who introduced the students to the statistical approach of exploratory data analysis for summarizing data. He presented exploratory techniques that ensured whether machine learning algorithms can be used in a project, on how to choose suitable algorithms for our data set and to define the feature variables that can potentially be used for machine learning. The session was attended by more than 50 students comprising of IAS and non-IAS members.



First General Body Meeting of 2018-19

Date: 26th October, 2018

Venue: EEE seminar hall

Category: Administrative

IAS attended: 32

Summary:

The IAS-IEEE SB TKMCE hosted its first general body meeting of 2018-19 on 26th October 2018. The meeting was presided by Abhinand A.S, chairman of IAS TKMCE and he introduced the rest of the executive committee to the general membership. The main agenda of the meeting was to layout and discuss the objectives and future plans for IAS, to introduce upcoming activities and to review ongoing IAS initiatives. The meeting started with the chairman giving a brief on the vision and mission of IAS and how we must collectively work together to uphold one of the largest special interest societies within IEEE. The meeting began by honoring five spirited IEEE IAS members who had secured the IAS grant for attending WIE international leadership summit 2018. Gopika G and Lekshmi J, two of the scholarship winners shared their experience with the audience later on in the session. The current activities of IAS were listed before the audience, mainly the success of the special interest groups for IoT and artificial intelligence and how these sessions have helped numerous students achieve foothold in these fields. The chairman unveiled the upcoming events of IAS:

- SEEP
- LateX Workshop
- Women in tech initiative
- Industrial Visit
- Conferences and Research paper



Workshop on Résumé writing and Profile building

Date: 7th November 2018

Venue: Jubilee Hall

Category: Education

Total attended: 64

IAS attended: 24

Summary:

As scheduled, the workshop on Résumé writing and Profile building, organized by IETE Students Forum, TKMCE in association with IEEE IAS TKMCE SBC commenced at 4pm in the Jubilee hall. The workshop was handled by Mr. Jayesh, one of the acclaimed mentors of Career Launcher, Thiruvananthapuram. Started the session by remarking how unprofessional the engineering course has now become, he suggested a few things to be analyzed and improved to retrieve the professional tag back. In the simplest way, he defined a résumé to be a detailed version of visiting card of a person. Without dragging things, without any room for boredom he made the talk sharp and short. His experiences as a learner as well as a teacher brought better clarity and acceptability over the areas he touched during the two-hour session. A wider picture of things from a corporate point of view was conveyed in a convincing and interactive manner. He didn't miss to clear a few misconceptions about what the corporate world wanted. Finally, just before winding up, he briefed about different formats of résumé writing. Altogether, the workshop was an illuminating forum.



**WORKSHOP on -
RESUME WRITING
PROFILE BUILDING**


VENUE: Jubilee Hall
DATE: 7th Nov., 2018
TIME: 4 - 6 p.m

EXCLUSIVELY for 3rd Years

**Conducted By IETE students
forum in association with IEEE
IAS society TKMCE.**

ABOUT ME
Learn more about me... I am a student of TKMCE... I am a member of IETE Students Forum... I am a member of IEEE IAS Society TKMCE... I am a member of Career Launcher... I am a member of... I am a member of...

CONTACT
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Akhilraj: 9495895159



IAS
**IEEE INDUSTRY
ASSOCIATION
SOCIETY**

IEEE



Bluetooth Roborace

Date: 14th November 2018

Venue: APJ Park

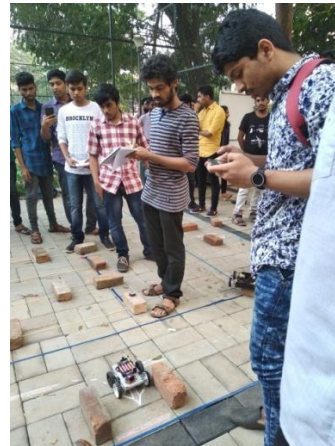
Category: Technical

Total Attended: 60

IAS attended: 8

Summary:

The SIG (Special Interest Group) for IOT and AI have achieved tremendous results as far as increasing the familiarity of the students in these fields. The initiative has come out as a great success and the strength of the program is increasing every day. To develop the skills of the students on a more practical platform, the IAS IEEE and IEDC TKMCE organized a Bluetooth roborace which was a racing competition for Bluetooth controlled robotic vehicles. The competition taught the students to incorporate robotics and IoT and gave them scope for future developments. The turnaround for the event was exciting. A total of 15 teams participated and brought out their robocars and took to the field. After multiple stages of the race, the winners were declared as Muhammed Basil and team. The winners received a cash prize worth 1K.



Women Who Tech

Date: 28th November 2018

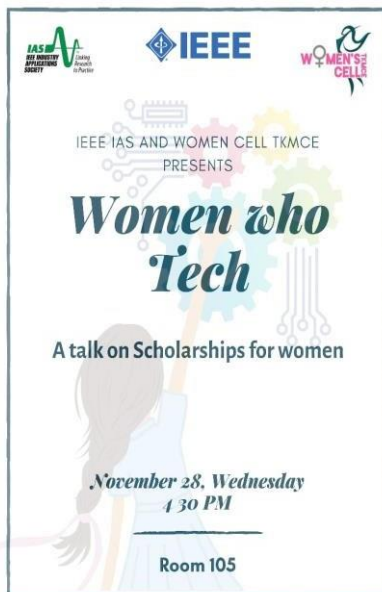
Venue: room no 105

Category: Technical

Total Attended: 30

Summary:

There are a number of excellent opportunities for female engineering students out there. These opportunities mostly provide financial aid for young, smart women to pursue technology, and also facilitate mentorship/industry connect for them to excel in their career. But the problem is that most of the female pursuants are unaware of these opportunities that could probably change their lives. This was the foundation for initiating such an event in the college. IEEE IAS TKMCE and Women cell TKMCE joined hands to hold a session on scholarships for women and to also hear experiences from those who have already benefited from these opportunities.



IAS TKMCE SBC has successfully conducted many events and launched many programs that aimed to achieve the mission and vision of IAS with positive outcomes. As half period of the incumbent executive comes to an end, we are very proud of the performance of the student branch and hope to carry on this result towards the coming year. The body has planned to conduct new projects as well as extend many of its successful programs. One of our highly successful programs was the SIG initiative. We are planning to expand these groups to new fields of engineering science as well as to include a wider audience. The launch of SIG-AR (augmented reality) will be one of the primary programs of the coming year. Augmented reality is a fast growing field with lots of potential. The SB will be providing Fab lab training to its students in the coming year. The training will be on rapid prototyping and digital fabrication where students will work on projects every week, resulting in a personal portfolio of technical accomplishments.

The SB not only strives for technical awareness but also for empowerment and personal development. The body has planned to launch a SEEP (Student Employability Enhancement Programme) project with this objective in mind. The project aims to develop technical, communicative and creative skills of students to increase their prospects of a better future in the industry. A resume building workshop was already conducted as part of this program. The body plans to hold numerous events under the banner. Apart from these major projects, the SB will be conducting hackathons and coding competitions as part of its activities to provide a platform to students to showcase and practice their skills. An industrial visit is also part of the SB's list of activities for the coming year. Industrial visits give greater clarity on concepts as students practically experience how these concepts are put into action. They also help in enhancing interpersonal skills and communication techniques