

IEEE REPORT
2022-2023

ANNUAL GENERAL MEET 2022

Date: 11th May 2022

The **Annual General Meet 2022** conducted by IEEE SB TKMIT in regard to the completion of 2021 execom was held on 11th May 2022. The meet was from 12:15 PM to 1:00 PM.

The welcome address was presented by Manasa R of S6 BM, Link Representative of 2022 . The presidential address was given by Dr. Jyothiraj V P, Head of the Biomedical Department. Vasu S Gautam of S8 CS, Chairman 2021 presented the report of 2021.

IEEE SB TKMIT appreciated the selfless efforts of the members and certificates were distributed. Dr. Nitha V Panicker, Professor, Department of Biomedical Engineering, EMBS SBC Advisor announced the 2022 execom team. Vinayak S of S6 BM, Vice chair 2022 presented an action plan of 2022.

Vote of thanks was presented by Dr. Nitha V Panicker. Mr. Anas A S, Asst Professor of Electronics Department, Branch Counsellor IEEE SB TKMIT presided over the meeting. By 1 PM we wined up the meeting. All the IEEE SB TKMIT members, other staff and students attended the meet.



LIT UP WIZARDS- A TECHNICAL QUIZ COMPETITION

Date: 23rd May 2022

IEEE SB TKMIT conducted a **Technical Quiz-LITUP WIZARDS** on 23rd May 2022, exclusively for TKMITians. The event was conducted at 12.30 PM. Almost 15 students from various departments participated as teams. Under the supervision of our Branch Counselor Mr. Anas A S, the quiz program was conducted successfully. Participants gave a good response. Later on, the winners were selected. First prize was grabbed by Abdul Malik and Anagha Subhaga from S6 BM, second by Sibin V Saju and Reshma Remesh from S6 BM and the third prize by Nourin Fathima and Gopika Pushpan from S4 BM. The winners were awarded with a cash prize of Rs 500, RS 200 and Rs 100 respectively.





Outcome

Students who won will get the opportunity to participate in the kerala level competition. It helps them to understand their knowledge in general science

SPECTRUM TALK - 1

Date: 17th June 2022

IEEE SB TKMIT had organized a series of Technical Talk Sessions under the label **Spectrum Talk** . The lecture is to be purely based on the contents mentioned in Spectrum magazine . The first session of the talk series was on the topic " **Sustainable Material Management** " ,and was handled by Ms Manasa R ,S6 biomedical , Link Rep IEEE TKM IT.

The talk under the topic " Sustainable Material Management" explained the importance of how effectively we can manage the waste and various ways to reuse it. The technical talk gave a deep understanding of the topic and was made lively and beautiful by Ms. Manasa R and was delivered to almost 20 attendees. The talk series officially started with this event and will carry on the technical talk series based on the spectrum magazine. The event was then concluded by around 1:40 followed by an interactive session.



Outcome

Students got the opportunity to discuss the latest technical ideas and its applications.

SEMINAR ON ADDING VALUE TO YOUR RESEARCH

Date: 22nd June 2022

IEEE SB TKMIT organized a seminar on the topic “**ADDING VALUE TO YOUR RESEARCH**”. The seminar was conducted by three eminent speakers from Sree Chitra Tirunal Institute for Medical Sciences & Technology - Ms. Sandhya C G, Engineer F, Ms. Indu Govind, Business Development Manager, TIPS @ SCTIMST TIMed and Mr Aswin R Krishnan, Nidhi Prayas Coordinator. Ms. Sandhya C G discussed the topic “CHANGING YOUR RESEARCH OUTLOOK”. Ms. Indu talked about “SCRIPTING YOUR RESEARCH”. And finally Mr. Aswin R Krishnan explained an overview on “NIDHI PRAYAS SCHEME”. All the students of S6 and S4 BM and IEEE members from S6 CS attended the seminar. The session was truly informative as they discussed various topics related to research. The speakers made the session interactive with the students by carrying out an activity to figure out their entrepreneurship skills within them. The session started at 10 AM in the morning and ended at 12 PM in the afternoon.

The poster features a dark blue background with a network of glowing orange lines. At the top left is the IEEE logo, and at the top right is the IEEE logo. The title "ADDING VALUE TO YOUR RESEARCH" is centered at the top. Below the title are three circular portraits of the speakers: Indu Govind (left), Aswin R Krishnan (center), and Sandhya C G (right). Each portrait is accompanied by their name and title. At the bottom left, there is a calendar icon indicating the date and time: "10:00am - 12:00pm 22-06-2022". At the bottom right, there is a location pin icon indicating the venue: "Seminar Hall, Administrative Block". The IEEE SB TKMIT logo is at the bottom left, and the EMB IEEE Engineering in Medicine & Biology Society logo is at the bottom right.

ADDING VALUE TO YOUR RESEARCH

Indu Govind
[Business Development Manager,
TIPS @ SCTIMST TIMed]

Aswin R Krishnan
[Nidhi Prayas Coordinator]

Sandhya C G
[Engineer F, SCTIMST]

10:00am - 12:00pm
22-06-2022

Seminar Hall, Administrative Block

IEEE SB TKMIT

EMB IEEE Engineering in
Medicine & Biology Society



Outcome

Students understand the importance of developing new ideas and how to convey with the society. Also they got the opportunity to do some simple practical experiments to change their attitude towards research.

SPECTRUM TALK - 2

Date: 24th June 2022

IEEE SB TKMIT organized the second session of **Spectrum Talk** . The meeting commenced by 1:15 pm on 24th June 2022 Friday , at the EC Seminar Hall .The session was led by Mr Jacob Varghese , S4 Biomedical Engineering Department and Chaired by Asst Prof Anas AS , respected SB Advisor. The talk was on "**Low Dose CT Scan**" , whereby the speaker introduced modern technologies and practices adopted by MNCs and professionals to cope up with the limitations of traditional CT Scanning technology. The consequences of heavy exposure to radiation and constrained applications of conventional CT scan machines, were clearly explained through the presentation . The session was made lively by the active participation of about 20 members. The meeting was concluded by 1:40 pm.




Outcome

Students got the opportunity to discuss the latest technical ideas and its applications.

WEBINAR ON PACEMAKER/IMPLANTABLE CARDIOVERTER DEFIBRILLATOR
Date: 1st July 2022

As a part of doctor's day, IEEE EMBS SB TKMIT conducted a webinar on **Pacemaker/Implantable Cardioverter Defibrillator**. The speaker of the session was medical safety physician Dr Jeril Varghese(MBBS, MMST). The webinar was from 12:10 pm to 1.00 pm on 1st July 2022 and was conducted via Google meet. The webinar had 62 participants. The webinar was also streamed live and participants from TKMIT attended it in the EC seminar hall.



IEEE SB TKMIT

EMB IEEE Engineering in
Medicine & Biology Society

IEEE

WEBINAR ON:

**IMPLANTABLE CARDIOVERTER
DEFIBRILLATOR**

July 01, 2022
12:10PM to 1:00PM
EC Seminar Hall

Dr. Jeril Varghese
MBBS, MMST
Medical Safety Physician

Outcome

Students learned the Implantable cardioverter defibrillator techniques and its importance in open heart surgery and also they cleared their doubts.