



KSIT
K S INSTITUTE OF TECHNOLOGY

K.S.INSTITUTE OF TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi & Accredited by
NBA ,NAAC & IEI)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IEEE KSIT SB PRESENTS

2022

MOMENTUM

VOLUME-7



K. S. INSTITUTE OF TECHNOLOGY

VISION

“To impart quality technical education with ethical values, employable skills and research to achieve excellence”.

MISSION

- To attract and retain highly qualified, experienced & committed faculty.
- To create relevant infrastructure.
- Network with industry & premier institutions to encourage emergence of new ideas by providing research & development facilities to strive for academic excellence.
- To inculcate the professional & ethical values among young students with employable skills & knowledge acquired to transform the society



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

VISION

“To achieve excellence in academics and research in Electronics & Communication Engineering to meet societal need”.

MISSION

- To impart quality technical education with the relevant technologies to produce industry ready engineers with ethical values.
- To enrich experiential learning through active involvement in professional clubs & societies.
- To promote industry-institute collaborations for research & development.



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Message from the CEO

- **PROFESSIONAL PERSONALITY AND CHARACTER DEVELOPS THROUGH ACTIVE PARTICIPATION IN PROFESSIONAL BODIES. THIS BRINGS TOGETHER THE KNOWLEDGE IMPARTED IN THE CLASSROOM AND THE EXPERIENTIAL LEARNING THAT TAKES PLACE THROUGH FIELD SURVEYS AND VISITS. LISTENING TO PRACTITIONERS OF TECHNOLOGY EXPOSE THE STUDENTS TO NEW FRONTIERS THROUGH SEMINARS, CONFERENCES, WORKSHOPS ETC., AND HELP THE ACADEMIA TO KEEP ABREAST OF ALL THE DEVELOPMENTS IN THE FIELD OF RESEARCH BEING CARRIED OUT IN UNIVERSITIES, R&D OF INDUSTRY AND OTHER ORGANIZATIONS. THIS JOB OF CONNECTING THE STUDENTS THE WORLD OVER IS BEING DONE BY IEEE, THAT IS AN INTERNATIONAL PROFESSIONAL BODY THAT EFFECTIVELY CONNECTS ALL THE STAKEHOLDERS.**

- **THE STUDENT CHAPTER OF IEEE AT KSIT IS A VERY PROACTIVE ONE THAT IS CATERING TO THE LEARNING NEEDS OF ITS' MEMBERS. IT IS CREATING A WONDERFUL PLATFORM THAT PROVIDES MANY OPPORTUNITIES FOR THE STUDENTS TO HAVE A REAL EXPOSURE AND HOLISTIC LEARNING THAT MAKES THEM MORE CONFIDENT TO TAKE ON THE PROFESSIONAL CHALLENGES. THEIR DEDICATION AND COMMITMENT TO THE CAUSE OF LEARNING AND KNOWLEDGE PROLIFERATION IS COMMENDABLE.**
- **I WOULD LIKE TO CONGRATULATE BOTH WIE & IEEE AT KSIT FOR THEIR ACTIVE INVOLVEMENT AND ENTHUSIASM IN BRINGING OUT THIS 7TH VOLUME OF IEEE MAGAZINE "MOMENTUM".**
- **MY BEST WISHES TO THE WONDERFUL EDITORIAL TEAM.**



**- DR K. V. A. BALAJI,
C E O,
K S GROUP OF INSTITUTION.**

Message from the Principal



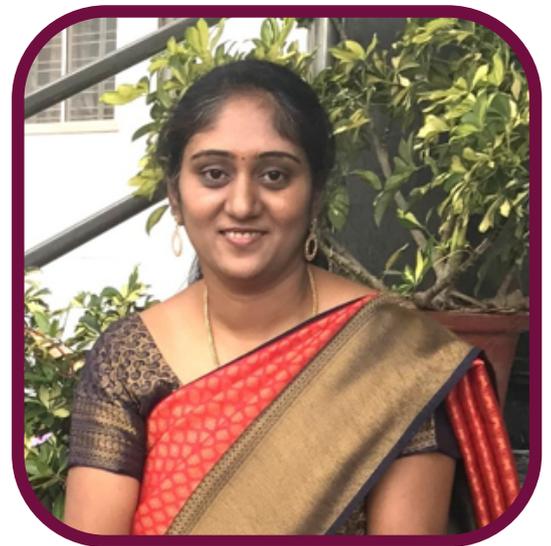
- **I CONGRATULATE THE IEEE STUDENT BRANCH & WIE AFFINITY GROUP OF KSIT FOR ALL THE TECHNICAL AND NON-TECHNICAL EVENTS ORGANIZED IN THE COLLEGE. THE IEEE STUDENT BRANCH AT KSIT IS VERY ACTIVE AND HAS CREATED PLATFORM FOR ALL THE IEEE MEMBERS & PARTICIPANTS TO SHOWCASE THEIR TALENTS. I AM VERY PROUD OF WIE & IEEE KSIT STUDENT BRANCH FOR THEIR ACTIVE INVOLVEMENT IN RELEASING 7TH VOLUME OF IEEE MAGAZINE “MOMENTUM”. I WOULD LIKE TO ENCOURAGE THE ENTIRE TEAM TO MAINTAIN THEIR STANDARDS HIGH THROUGH THEIR GOOD WORK.**
- **MY BEST WISHES TO THE ENTIRE TEAM.**

**- DR. DILIP KUMAR K
PRINCIPAL & DIRECTOR
K. S. INSTITUTE OF TECHNOLOGY**

Message from Branch Counselor

- **IT IS A TREMENDOUS RESPONSIBILITY AND ALSO A GREAT HONOR AND PRIVILEGE TO SERVE THE IEEE KSIT STUDENT BRANCH AS BRANCH COUNSELOR. EVERY YEAR, WITH MUCH JOY AND ANTICIPATION WE CELEBRATE THE LAUNCH OF IEEE NEWSLETTER. IEEE IS THE WORLD'S LARGEST TECHNICAL PROFESSIONAL ORGANIZATION DEDICATED TO ADVANCING TECHNOLOGY FOR THE BENEFIT OF HUMANITY.**
- **AT KSIT, IEEE STUDENT BRANCH ALONG WITH WIE (WOMEN IN ENGINEERING) AFFINITY GROUP AND SIGNAL PROCESSING SOCIETY IS FORMED WITH THE QUEST OF ACHIEVING OUR TECHNICAL AND PROFESSIONAL GOALS WITH IEEE'S MISSION AND VISION. AND MOST IMPORTANTLY ENCOURAGE OUR STUDENTS TO CONTRIBUTE TO REAL WORLD PROBLEMS. IT WAS AN HONOR TO RECEIVE BEST SMALL STUDENT BRANCH AWARD FROM BANGALORE SECTION IN THE PAST.**

- **AS A BRANCH COUNSELOR, I HAVE WITNESSED THE STUDENT'S INTEREST AND ENTHUSIASM TO EXPLORE THE ENGINEERING WORLD AND TO MY OPINION IEEE IS THE BEST PLATFORM TO GUIDE AND SATISFY THEM. WORKSHOPS IN POPULAR AREAS, MARATHON, IEEE DAY CELEBRATIONS WITH POSTER MAKING, QUIZ AND IDEATHON CONTESTS, WEBINARS AND A WIDE SPECTRUM OF EVENTS REACHED IEEE MEMBERS AND NON-MEMBERS. THE STUDENT MEMBERS OF OUR BRANCH HAVE DONE EXCELLENT JOB WITH HIGHEST ORDER OF ENERGY AND INTEREST. HOPE TO MOVE ON WITH THE SAME PACE WITH MORE SHARP EDGE TOWARDS EXCELLENCE AND WIDER REACH.**
- **I HEARTILY INVITE YOU ALL TO EXTEND YOUR SUPPORT AND JOIN US IN ALL THE ACTIVITIES RELATED TO IEEE AT OUR KSIT STUDENT BRANCH AND CONTRIBUTE TO BETTER HUMANITY.**
- **WISH YOU CONTINUED HEALTH AND SAFETY**



JAYASUDHA B S K
BRANCH COUNSELOR, IEEE KSIT SB
SECRETARY, IEEE SIGNAL PROCESSING SOCIETY BANGALORE
CHAPTER
EXECOM MEMBER, WOMEN IN ENGINEERING IEEE BANGALORE
SECTION

Message from student chair

- **WHEN I FIRST JOINED THIS COLLEGE, I WASN'T SURE IF I'D FIT IN. I WASN'T AWARE OF THE GROWTH OPPORTUNITIES AVAILABLE OUTSIDE THE CLASSROOM. I WASN'T SURE ABOUT MY CAPABILITIES. BUT SOON, WE WERE INTRODUCED TO IEEE, AND I REGISTERED MYSELF, NOT GIVING IT TOO MUCH THOUGHT. LITTLE DID I KNOW THEN THAT IEEE WOULD PLAY A VERY BIG ROLE IN MY COLLEGE LIFE AND IN MY GROWTH.**
- **AT IEEE MEETINGS AND EVENTS, I MET MANY MORE PEOPLE AND WITH THEIR WARMTH, I KNEW I'D SOMEHOW FIT IN HERE. IEEE WAS ALSO A MEDIUM FOR ESCAPE FROM THEN DAUNTING CLASSES AND THE FUTURE BUT IN RETROSPECT, IT SERVED THE VERY PURPOSE OF BECOMING A BETTER STUDENT AND BUILDING A BRIGHTER FUTURE. I WAS ABLE TO LEARN FROM THE TEACHERS, MY CLASSMATES AND MY SENIORS. I LEARNT THAT AS A TEAM NO TASK IS HUGE AND BY COOPERATION EVERYTHING IS ACHIEVABLE. FROM SIMPLY VOLUNTEERING TO BECOMING THE CHAIR, I LEARNT LESSONS ONE CAN ONLY LEARN BEYOND A CLASSROOM SETTING.**

- **I THANK PRINCIPAL FOR HIS CONTINUOUS SUPPORT AND OUR BELOVED HOD FOR ENSURING WE GOT EVERYTHING AND BEYOND NEEDED FOR ALL THE EVENTS. I'D ALSO LIKE TO THANK MY SENIORS FOR BEING MY GUIDE, EXECOM MEMBERS FOR BEING A SUPPORTIVE TEAM AND ALL STUDENTS FOR THEIR PARTICIPATION.**
- **AS I GRADUATE, I'D ENCOURAGE ALL OF YOU TAKE PART IN IEEE AND ANY ACTIVITIES BEYOND THE CLASSROOM. IT MIGHT SOUND DAUNTING, TIRING AND MAYBE EVEN UNNECESSARY BUT BY THE END OF THE FOUR YEARS, I'M SURE YOU'D TAKE WITH YOU LOT OF LEARNINGS AND HAPPY MEMORIES, AS I DO.**

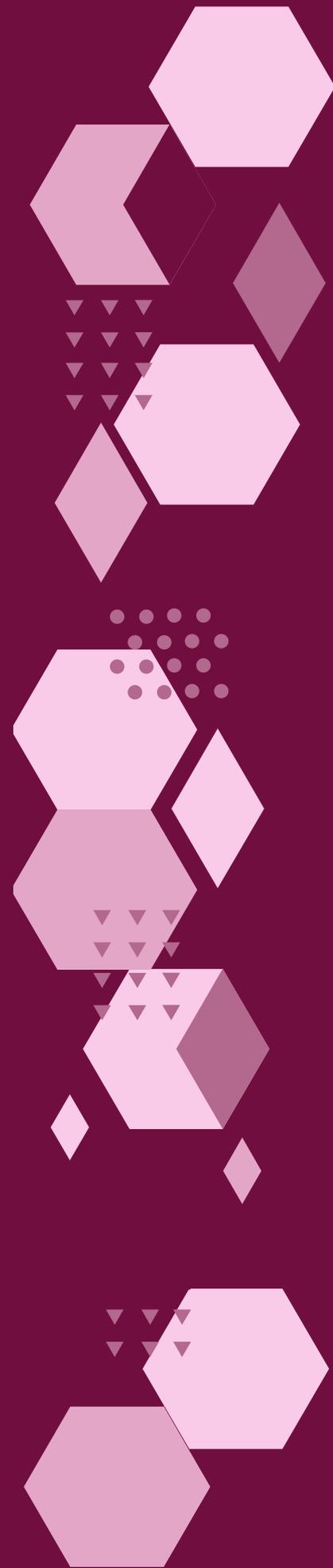
• **- RITHVIK PRABHAKAR**



**-- RITHVIK PRABHAKAR,
IEEE SB, CHAIR**

• About the student branch

- The IEEE Student Branch was inaugurated in KSIT in the year 2002. The branch aspires to enrich the students of KSIT with the latest developments in various fields of technology and research developments. IEEE KSIT SB along with its WIE Entity and IEEE KSIT SPS conduct various technical and semi-technical events to ensure that the students' competency levels are enhanced to meet the required standards in today's industry. IEEE KSIT strives to invigorate the experience of organization and participation in the students through events that are conducted through the year. INNOVACEEEA is the Mega event conducted by the student branch having participants from various colleges. IEEE KSIT along with its WIE Entity conducted a 5K MARATHON with the theme "We Run, You Learn" in the year 2019 which had 200 plus participants. The SB also conducted an online programming challenge in the year 2020 "CODE\ n WIN 1.0" which had about 500 participants



• EVENTS

• IEEE DAY CELEBRATION - 2021

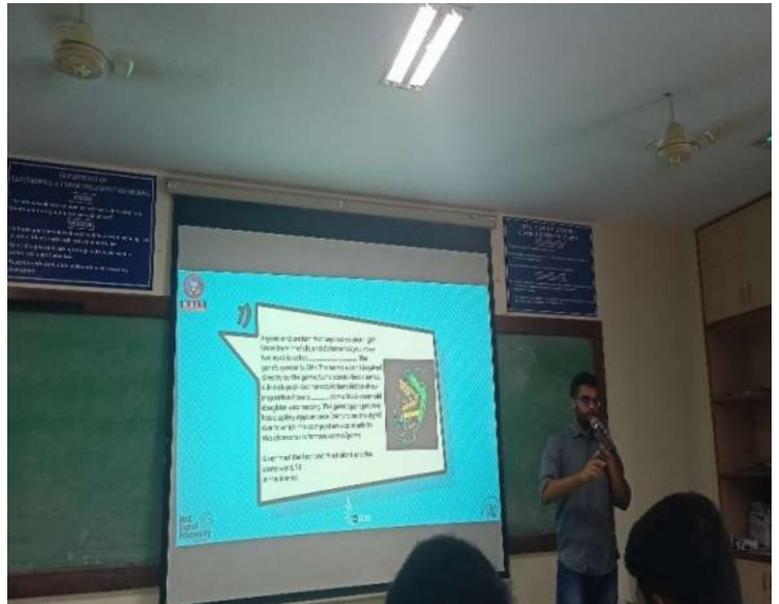
- **ALL THE NEWBIES OF THE IEEE EXECOM GATHERED FOR THE FIRST MEETING ON 5TH OCTOBER 2021, WHICH WAS GRACED BY DR. P N SUDHA, PROFESSOR AND HEAD, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING. THIS OCCASION WAS PRESIDED BY JAYASUDHA BSK, ASSISTANT PROFESSOR, ECE AND THE LECTURERS OF THE ECE DEPARTMENT. DR. P N SUDHA, PROFESSOR AND HEAD, ECE, KSIT ADDRESSED THE MEMBERS OF THE IEEE EXECOM, FOCUSING ON THE ROLES AND CONDUCT OF BEING A PART OF THE EXECOM. SHE ALSO APPRECIATED THE IEEE EXECOM MEMBERS FOR MAKING IT BE AN ACTIVE PART OF THE ORGANIZATION AND STANDING UP TO TAKE UP THE RESPONSIBILITY TO KEEP UP THE INTEGRITY OF IEEE, KSIT. DR. JAYASUDHA B K, ASSISTANT PROFESSOR, ECE, KSIT ACKNOWLEDGED ALL THE POST HOLDERS OF IEEE EXECOM. FOLLOWING THIS, ON THE OCCASION THE FIRST GATHERING OF THE EXECOM, WITH THE GRACEFUL PRESENCE OF ALL THE EXECOM MEMBERS AND FACULTY MEMBERS, THE CELEBRATION WAS DONE BY CUTTING THE CAKE TO THE NEW BEGINNINGS.**



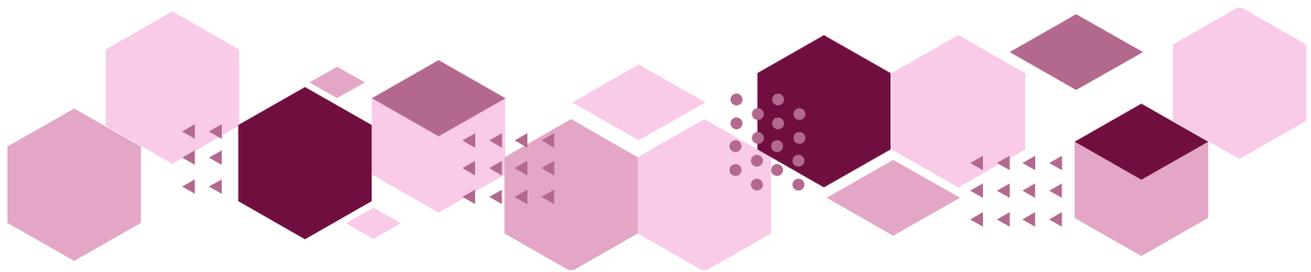
• IEEE DAY CELEBRATION - 2021 IEEE DAY QUEST

• FANDOM QUIZ

- **THE IEEE DAY QUEST EVENT 1 OF IEEE KSIT WAS HELD ON 23RD OCTOBER 2021.**
- **JAYASUDHA B S K, ASSISTANT PROFESSOR, ECE, KSIT WELCOMED ALL THE PARTICIPANTS.**



- **IT WAS A GROUP OF 3 ,WHERE THEY WERE GIVEN QUESTIONS TO ANSWER , REGARDING OF OUR FANDOM TOWARDS BASIC GENRE IN THESE CURRENT DAYS.**



- **IEEE DAY CELEBRATION - 2021**
IEEE DAY QUEST

- **SALES PITCH**

- **THE IEEE DAY QUEST EVENT 2 OF IEEE KSIT WAS HELD ON 23RD OCTOBER 2021 . QUALIFIED 10 TEAMS FROM EVENT 1 WERE PARTICIPATING IN EVENT 2 WHICH WAS SALES PITCH .THE MAIN CONCEPT OF THIS EVENT WAS A TOPIC WOULD BE GIVEN TO THE TEAMS ON WHICH THEY HAD TO PRESENT A USE CASE AND A SKIT IN 2+3 MINUTES AND 5 MINUTES PREPARATION TIME.**



- **THE 10 TEAMS QUALIFIED FROM FIRST EVENT WERE GIVEN TOPICS ONE AFTER ANOTHER TAKING CARE OF PREPARATION TIME FOR EVERYONE WERE EQUAL.THIS EVENT WAS JUDGED BY CHARAN YELLANKI, ALUMNI, EX-CHAIR, IEEE, KSIT .THE TEAMS DID GREAT JOB IN THE GIVEN TIME .THE EVENT WENT FOR ABOUT AN HOUR FROM 11:45AM-12:45PM. THE 2 TEAMS WHO PERFORMED BEST WERE SELECTED FOR THE 3RD AND FINAL EVENT.**

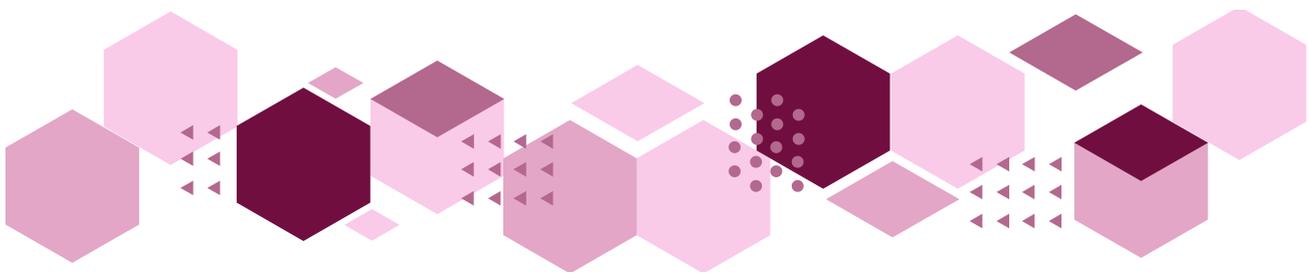
• IEEE DAY CELEBRATION - 2021 IEEE DAY QUEST

• NOT TIC TAC TOE

- THE IEEE DAY QUEST EVENT 3 OF IEEE KSIT WAS HELD ON 23RD OCTOBER 2021. THE LAST AND FINAL EVENT FOR THE DAY WAS NOT TIC TAC TOE. IN THIS EVENT THE TOP 2 PERFORMED TEAM FROM EVENT 2 WERE PARTICIPATING.



- IN THIS EVENT THE TEAMS WERE GIVEN OPTION TO SELECT ANY X OR O. THE IEEE EXECOM MEMBERS WERE PLACED IN ALL 9 BLOCKS OF TIC TAC TOE AND GIVEN WITH A QUESTION EACH. THE TEAMS HAD TO SELECT A BLOCK AND ANSWER THE QUESTION IN THAT BLOCK OTHERWISE WOULD GET A CHANCE TO ACT OUT A WORD TO THEIR TEAM MATES .IF THE TEAM GETS IT RIGHT ,THAT BLOCK WOULD TURN TO THEIR SYMBOL OR ELSE TO THE OTHER TEAM'S SYMBOL. WHOEVER GETS THE ROW OR COLUMN WITH THEIR SYMBOLS FIRST WINS. FINALLY, THE EVENT CAME TO AN END WITH A TEAM WHO WON AND GOT IEEE VOUCHERS. ALL THE PARTICIPANTS FROM ALL 3 EVENTS WERE GIVEN WITH PARTICIPATION CERTIFICATES.



VALEDICTORY FUNCTION-2021

- THE VALEDICTORY FUNCTION OF IEEE KSIT WAS HELD ON 23RD OCTOBER 2021. DR. DILIP KUMAR K, PRINCIPAL AND DIRECTOR, KSIT AND DR. P N SUDHA, PROFESSOR AND HEAD, ECE, KSIT PRESIDED OVER THE FUNCTION. WHILE ADDRESSING THE GATHERING, DR. DILIP KUMAR K WELCOMED ALL THE PARTICIPANTS AND ENLIGHTENED THEM ABOUT THE IMPORTANCE OF CO-CURRICULAR ACTIVITIES ALONG WITH THE ACADEMIC SCHEDULE.
- LATER, JAYASUDHA B S K, ASSISTANT PROFESSOR, ECE, KSIT ADDRESSED THE GATHERING BY BRIEFING ABOUT THE BENEFITS OF BEING A PART OF IEEE AND ACTIVITIES CONDUCTED BY IEEE. THIS WAS FOLLOWED BY A TALK AND PRESENTATION BY CHARAN YELLANKI, ALUMNI, EX CHAIR, IEEE, KSIT BRIEFED ABOUT SEVERAL EVENTS AND ACTIVITIES ORGANIZED BY THE IEEE EXECOM 2020.



- FURTHER, THE WINNERS OF THE IEEE DAY QUEST WERE ACKNOWLEDGED BY THE PRINCIPAL WITH CERTIFICATES AND IEEE VOUCHERS. THE PRINCIPAL ALSO PRESENTED THE EX EXECOM MEMBERS WITH THE CERTIFICATE OF APPRECIATION AND MEMENTOS, FOR THEIR IMMENSE EFFORT AND VALUABLE SUPPORT TO SUCCESSFULLY CONDUCT THE EVENTS OF IEEE, KSIT IN THE YEAR 2019-20.
- FOLLOWING THIS, WITH DR. JAYASUDHA B S K AS THE SPEAKER, THE OCCASION WAS GRACED BY THE EXECOM-2020 MEMBERS HANDING OVER THE RESPONSIBILITIES TO THE CURRENT EXECOM-2021, TO MOVE FORWARD AND LEAD THE ORGANIZATION TO A GRAND SUCCESS. FINALLY, THE EVENT CAME TO AN END BY A VOTE OF THANKS TO ALL THE ALUMNI OF IEEE EXECOM, KSIT, THE PRINCIPAL, THE HOD OF ELECTRONICS AND COMMUNICATIONS ENGINEERING, THE PROFESSORS, AND THE IEEE MEMBERS FOR THEIR IMMENSE SUPPORT IN MAKING THE EVENT, A GRAND SUCCESS.



CAREERS IN SPACE SCIENCE AND TECHNOLOGY

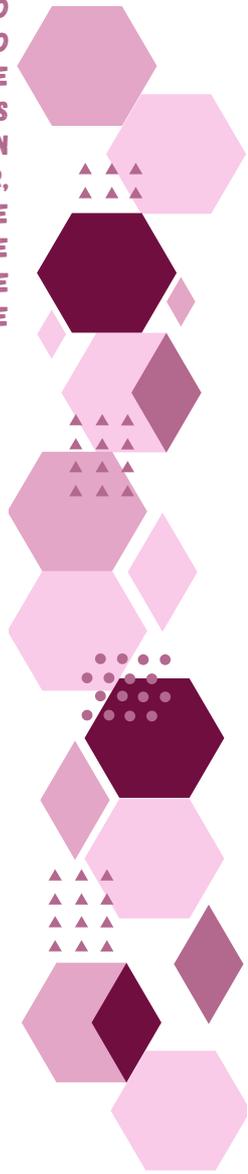
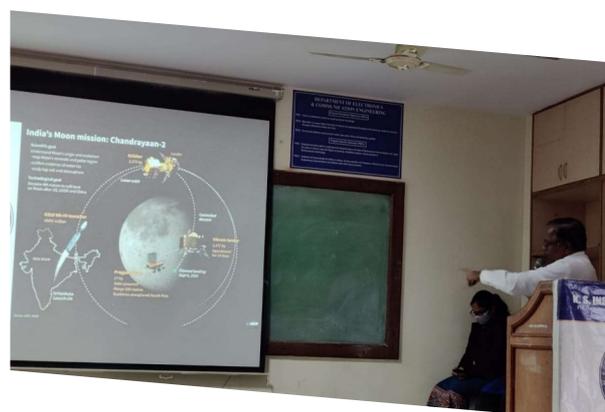
- IEEE EVENT 2, TALK ON CAREERS IN SPACE AND TECHNOLOGY, WAS HELD ON 29TH NOVEMBER, 2021. DR. P.N. SUDHA, HOD, ECE AND MR. SANTOSH KUMAR, PROFESSOR, ECE, WELCOMED OUR GUESTS SRI V. RAMACHANDRA AND SRI AKHIL MOHAN.

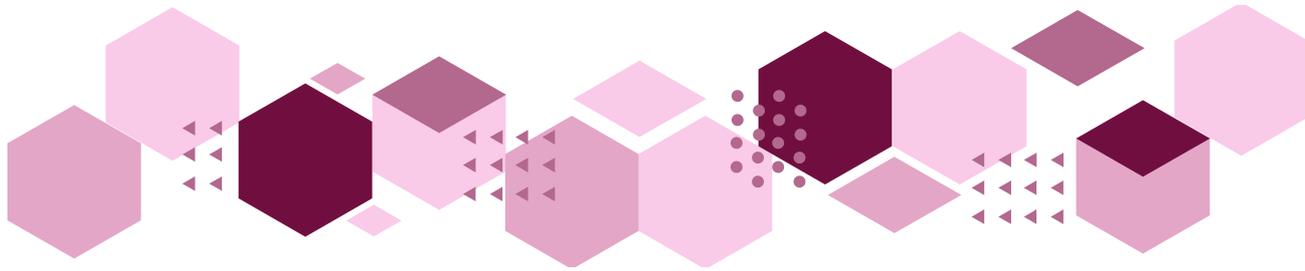


- SRI V. RAMACHANDRA, RETD. DIRECTOR, LAUNCH VEHICLE PROGRAM, ISRO, SPOKE ABOUT THE ORGANIZATION AND ITS CENTERS ACROSS THE COUNTRY. HE BRIEFED US ABOUT THE SPACE SYSTEMS AND VARIOUS KINDS OF SATELLITE LAUNCHERS USED OVER THE YEARS. HE EXPLAINED ABOUT KINDS OF ROCKET PROPELLANT AND AEROSPACE MATERIALS USED AND GAVE THE STUDENTS AN OVERVIEW ABOUT HOW VARIOUS MISSIONS LIKE CHANDRAYAAN 1 AND MANGALYAAN TOOK PLACE. SRI V. RAMACHANDRA, RETD. DIRECTOR, LAUNCH VEHICLE PROGRAM, ISRO, SPOKE ABOUT THE ORGANIZATION AND ITS CENTERS ACROSS THE COUNTRY. HE BRIEFED US ABOUT THE SPACE SYSTEMS AND VARIOUS KINDS OF SATELLITE LAUNCHERS USED OVER THE YEARS.



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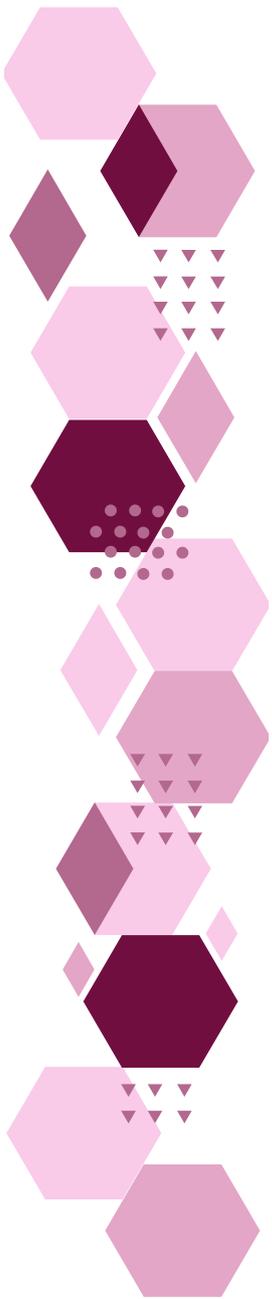


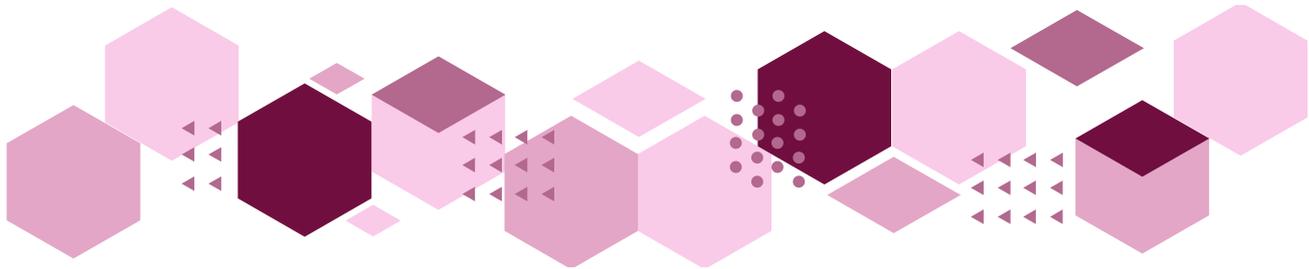
• EUPHORIA

- **IEEE KSIT, WIE KSIT AND SPS KSIT IN ASSOCIATION WITH DEPARTMENT OF ELECTRONICS AND COMMUNICATION ORGANIZED IEEE MEGA EVENT “EUPHORIA” ON 11TH FEBRUARY 2022.**
- **AI&ML HOD RAM RASTOGI AND JOY PRABHAKARAN SIR INAUGURATED THE EVENT AND WELCOMED ALL THE PARTICIPANTS AND WISHED THEM BEST FOR PARTICIPATING. ABOUT 95 STUDENTS PARTICIPATED IN THE EVENT. THE EVENT WAS DIVIDED INTO TWO PHASES. THE FIRST PHASE HAD QUALIFIER ROUNDS ,IT INCLUDED THREE ROUNDS. POINTS FROM EACH ROUND WERE CONSIDERED TO DECIDE THE QUALIFYING TEAMS FOR THE FINAL ROUND OF FIRST PHASE .**



- **THE FIRST ROUND WAS “FUN QUIZ” , IT WAS A QUIZ ROUND HELD AT ECE SEMINAR HALL, THERE WERE ABOUT 30QUESTIONS TO ANSWER BY PARTICIPANTS. THE EVENT WENT FOR AN ABOUT AN HOUR FROM 1:30 -2:30 PM.**
- **THE SECOND ROUND WAS “RED LIGHT AND GREEN LIGHT” WHICH WAS PLAYED IN QUADRANGLE. HERE TOP 20 WERE SELECTED FOR THE FINAL ROUND.**



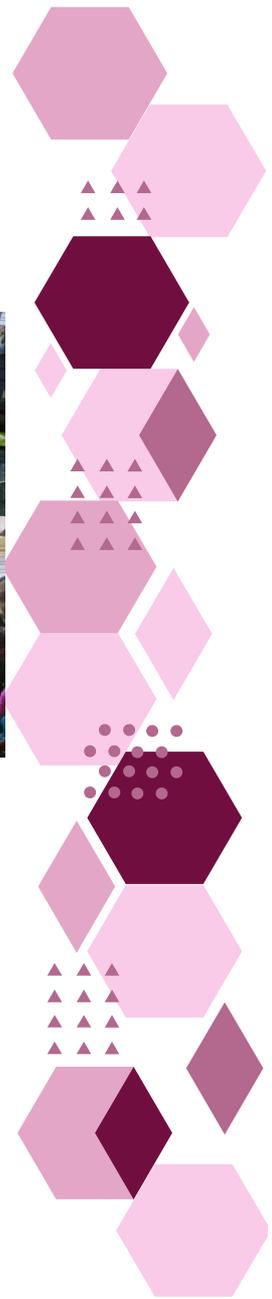


• EUPHORIA

- AND THE THIRD ROUND WAS “INFINITE HUNT”. THIS ROUND WAS PUMPED UP WITH A COMBINATION OF CLUES HIDDEN IN DIFFERENT PREMISES OF THE COLLEGE. EACH CLUE HAD TO BE DECODED BY THE TEAM AND SOLVED TO GET THE CONSECUTIVE CLUES TO REACH THE DESTINATION, TO FINALLY COLLECT THE TREASURE. THE TOP 1 TEAM WHO REACHED THE DESTINATION FIRST WERE AWARDED AS THE WINNER. MEANWHILE THE SECOND PHASE EVENTS WERE CONDUCTED IN THE MORNING SESSION AFTER THE INAUGURATION. THE FIRST EVENT WAS “WHAT IF”. HERE THE STUDENTS HAD TO COME UP WITH THE INNOVATIVE IDEAS AND GIVE A TALK FOR ABOUT 2 MINUTES. ABOUT 15 STUDENTS HAD PARTICIPATED IN THIS EVENT. THE BEST PRESENTATION WAS AWARDED AS THE WINNER



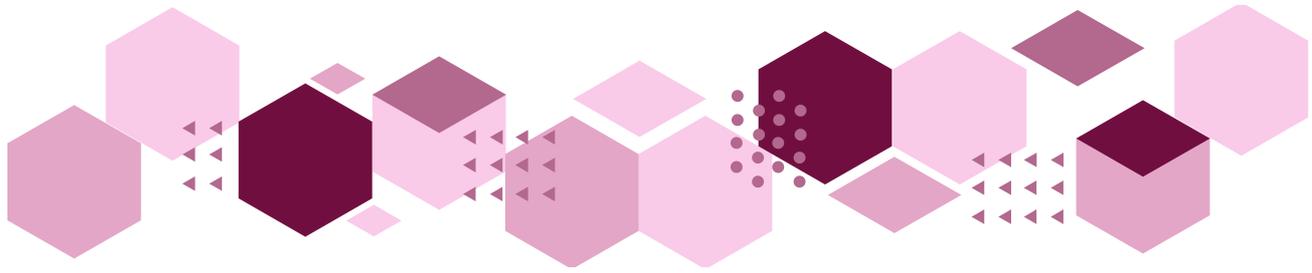
- THE FINAL EVENT OF SECOND PHASE WAS “CHEF MATE” .ABOUT 15 STUDENTS HAD PARTICIPATED IN THIS EVENT. IT WAS A FUN FILLED EVENT WHERE THE PARTICIPANTS HAD PREPARED MOUTHWATERING DISHES TO WIN THE HEARTS OF THE JUDGES.WE GOT REALLY GOOD FEEDBACK FROM THE STUDENTS AND THE FACULTY MEMBERS WHO WERE PART OF THE EVENT . THE EVENT WAS SUCCESSFULLY CONDUCTED AND THE WINNERS OF EACH PHASE WERE ANNOUNCED AND AWARDED BY OUR ECE DEPARTMENT HOD PN SUDHA AND IEEE CHAIR SANTOSH KUMAR



Talk on "Power of Well-Being"

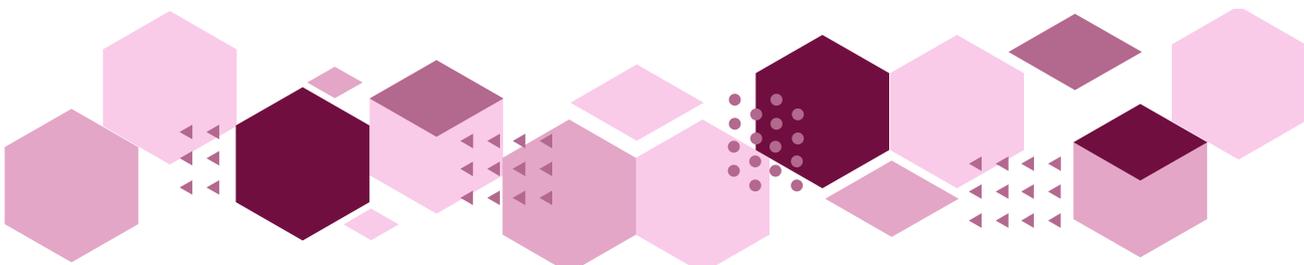
- **TALK ON "POWER OF WELL-BEING & MINDFULNESS – A NEGATIVE MIND WILL NEVER GIVE YOU A POSITIVE HEALTH AND LIFE "BY DR. PRIYANGA P, ASSISTANT PROFESSOR, DEPT. OF CSE, RVITM, WAS CONDUCTED BY KSIT IN ASSOCIATION WITH AND IEEE-WIE UNDER ANTI SEXUAL HARASSMENT (ASH) COMMITTEE, KSIT AS PER VTU NOTIFICATION DATED 21/7/2017 WITH REF:VTU/BGMICC/2017-18/3118 ON 10TH MARCH 2022 FOR " STUDENTS OF ALL BRANCHES. THIS WAS AN EVENT OF ONE HOUR.**
- **TO ACQUIRE KNOWLEDGE OF NEGATIVE IMPACT OF STRESS**
- **• TO MANAGE THE HEALTHY LIFE STYLE BY THE PARTICIPANTS**
- **• TO KNOW THE PROPER FOOD HABITS**
- **• TO EXPLORE THE IMPORTANCE OF EXERCISE.**





• WOMEN'S DAY CELEBRATION – 2022

- **EVENT DATE: 11-03-2022**
- **EVENT VENUE :QUADRANGLE**
- **ATTENDIES : IEEE STAFF EXECOM, TEACHING STAFF AND NON-TEACHING STAFF.**
- **IEEE WIE KSIT ORGANIZED WOMEN'S DAY CELEBRATION ON 11TH MARCH 2022. THE EVENT STARTED AT 12:30 PM , ALL THE TEACHING AND NON-TEACHING STAFF WERE A PART OF THAT. IEEE EXECOM MEMBERS ORGANIZED VARIOUS GAMES AND COMPETITIONS SUCH AS RANGOLI, COOKING WITHOUT FIRE, T20 EATING, BLOW AND BLAST AND FASHION SHOW FOR THE TEACHING AND NON-TEACHING WOMEN STAFF OF THE COLLEGE. PRIZES WERE DISTRIBUTED TO THE WINNERS OF THE COMPETITIONS AND THE EVENT WAS SUCCESSFULLY COMPLETED BY 4:00 PM .**



3 days FDP on OUTCOME BASED Education

- **THREE DAYS FACULTY DEVELOPMENT PROGRAMME ON "OUTCOME BASED EDUCATION" ORGANIZED IN ASSOCIATION WITH IEEE KSIT SB, IEI, IETE AND CSI FROM 17TH TO 19TH MARCH 2022 AND THE PROGRAM BEGINS WITH INAUGURATION FUNCTION ON THURSDAY, 17TH MARCH 2022 AT 9.00AM IN CONFERENCE HALL, KSIT .THE PROGRAM INAUGURATED BY CHIEF GUEST DR. S. BHASKAR HEAD-OFFICE OF PG STUDIES KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE AND GRACED BY SRI.R.RAJAGOPAL NAIDU, PRESIDENT, KAMMAVARI SANGHAM, SRI. R. LEELA SHANKAR RAO, HON. SECRETARY, KAMMAVARI SANGHAM, SRI.T. NEERAJAKSHULU NAIDU, TREASURER, KAMMAVARI SANGHAM .THE FUNCTION WAS PRESIDED BY DR. K.V.A BALAJI CEO, KSGI, DR. DILIP KUMAR K, PRINCIPAL / DIRECTOR KSIT, DR. P. N. SUDHA, PROF & HOD-ECE, CHIEF COORDINATOR .THERE WERE 90 PARTICIPANTS FROM KSIT AS WELL AS KSSEM.**



3 days STP on "CAPACITY BUILDING"

- **THREE DAYS STAFF TRAINING PROGRAM ON "CAPACITY BUILDING" ORGANIZED IN ASSOCIATION WITH IEEE BANGALORE SECTION, IEI, IETE AND CSI FROM 4TH TO 6TH' APRIL 2022 AND THE PROGRAM BEGINS WITH INAUGURATION FUNCTION ON MONDAY, 4TH APRIL 2022 AT 9.30AM IN SEMINAR HALL, KSIT .THE PROGRAM INAUGURATED BY CHIEF GUEST DR.V.RAGHU, PRINCIPAL, SILICON CITY COLLEGE OF MANAGEMENT & COMMERCE, BANGALORE AND GRACED BY SRI.R.RAJAGOPAL NAIDU, PRESIDENT, (KAMMAVARISANGHAM, KAMMAVARI SANGHAM, SRI.T. NEERAJAKSHULU NAIDU, TREASURER, (KAMMAVARI SANGHAM .THE FUNCTION WAS PRESIDED BY DR. K.V.A BALAJI CEO, KSGI, DR.DILIP KUMAR K, PRINCIPAL / DIRECTOR ,KSIT, DR.M. UMASHANKAR PROF & HOD-ME , CHIEF COORDINATOR .THERE WERE 36 PARTICIPANTS FROM VARIOUS DEPARTMENTS OF KSIT.**



INNOVACEEEA 5.0

- IEEE KSIT, WIE KSIT AND SPS KSIT IN ASSOCIATION WITH DEPARTMENT OF ELECTRONICS AND COMMUNICATION ORGANIZED IEEE MEGA EVENT "INNOVACEEEA 5.0" ON 22 APRIL 2022. ON 18TH APRIL THERE WAS BANNER LAUNCH PROGRAM TO MAKE THE BEGINNING OF INNOVACEEEA.



- PRINCIPAL DR. DILEEP KUMAR K AND CEO DR. K.V.A BALAJI INAUGURATED THE EVENT AND WELCOMED ALL THE PARTICIPANTS AND WISHED THEM BEST FOR PARTICIPATING. ABOUT 55 TEAMS EACH OF 3 MEMBERS PARTICIPATED IN THE EVENT. THE EVENT WAS DIVIDED INTO TWO PHASES. THE FIRST PHASE WAS THE QUALIFIER ROUNDS IT INCLUDED THREE ROUNDS. POINTS FROM ALL THE ROUNDS WERE CONSIDERED TO DECIDE THE QUALIFYING TEAMS FOR THE NEXT PHASE.

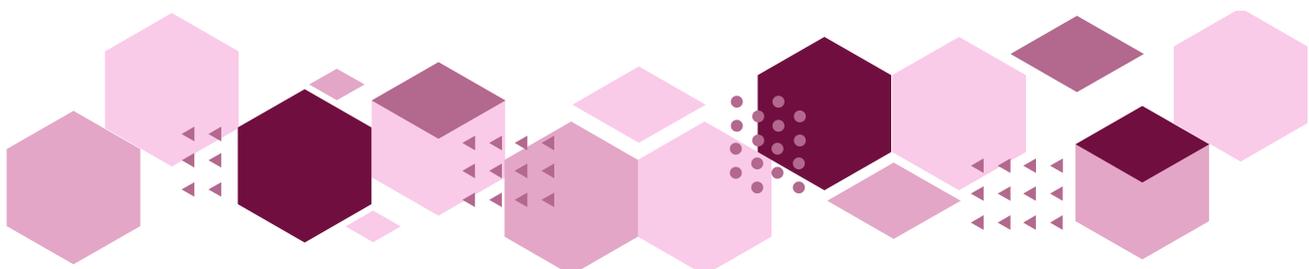
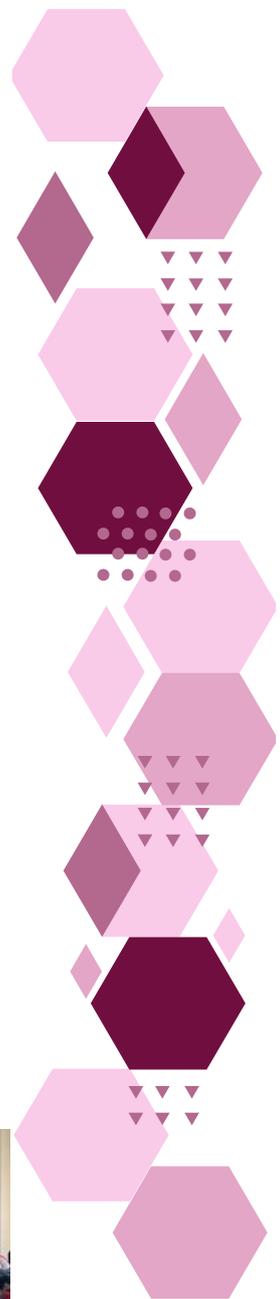
- THE FIRST ROUND WAS "OH THAT AH!" , IT WAS A QUIZ ROUND HELD AT CONFERENCE HALL, THERE WERE ABOUT 15 QUESTIONS TO ANSWER BY PARTICIPANTS. THE EVENT WENT FOR AN ABOUT AN HOUR AND 30 MINUTES FROM 9:30 -11:00 AM.



- THE SECOND ROUND WAS "SKRIBBL" WHICH WAS PLAYED ON SCRIBBLE.IO PLATFORM WHERE THE PARTICIPANTS HAD TO GUESS THE CUSTOM WORD WHICH WILL BE DRAWN IN THE OTHER PARTICIPANTS.

- THE THIRD ROUND WAS "EARWORM" , HERE THE PARTICIPANTS HAD TO GUESS THE MISSING LYRICS OF THE SONG FROM THE CLUES GIVEN TO THEM. EACH TEAM WAS GIVEN 5 QUESTIONS AND TEAMS SCORED BASED ON THE NO. OF QUESTIONS AND THE TIME TAKEN TO FINISH THEM.

- AS A PART OF THE MEGA EVENT THERE WAS A FLASH MOB BEFORE THE SECOND PHASE OF THE EVENT COMMENCED. MEANWHILE THE TEAMS WHICH WERE QUALIFYING FOR THE NEXT ROUNDS WERE ANNOUNCED ON THE KSIT IEEE INSTAGRAM PAGE.

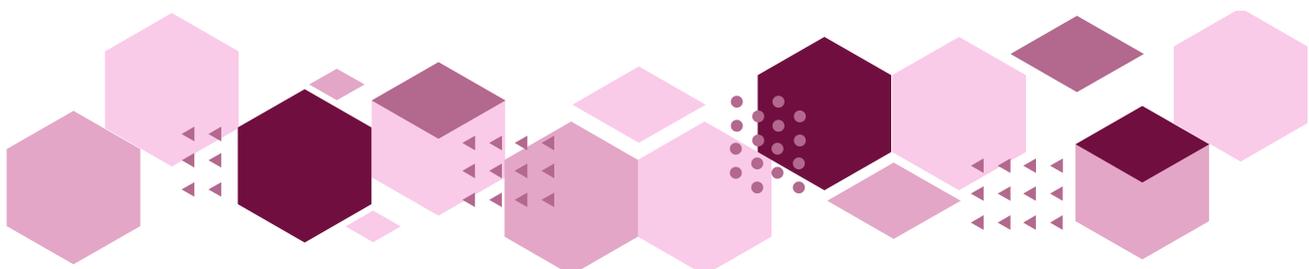


INNOVACEEEA 5.0

- THE SECOND PHASE WAS THE FINAL ROUNDS IT INCLUDED THREE ROUNDS.
- THE FIRST FINAL ROUND WAS “MARIO RUN”. HERE, THERE ARE THREE OBSTACLES WHICH ARE SUPPOSED TO BE FACED BY EACH OF THE MEMBERS IN THE TEAM. THE FIRST MEMBER OF THE TEAM WILL PASS THROUGH THE FIRST OBSTACLE, WHICH IS TO BALANCE A PING PONG BALL ON A PLATE AND WALK ALONG A ZIG-ZAG LINE. AFTER THE PLAYER SUCCESSFULLY PASSES THROUGH THE FIRST OBSTACLE, THE SECOND PLAYER MOVES FORWARD TO THE NEXT PHASE, WHERE THE PLAYER IS EXPECTED TO EAT BISCUITS WITHOUT USING THEIR HANDS AND DRINK A GLASS OF WATER USING THE STRAW. ONCE, THIS OBSTACLE IS CLEARED, THE THIRD PLAYER IS EXPECTED TO MOVE FORWARD AND SOLVE A PICTURE PUZZLE AS SOON AS POSSIBLE



- THE FINAL ROUND WAS “PIRATES OF KSIT”, FOR WHICH THE TOP 6 TEAMS WERE SELECTED. THIS ROUND WAS PUMPED UP WITH A COMBINATION OF CLUES HIDDEN IN DIFFERENT PREMISES OF THE COLLEGE. EACH CLUE HAD TO BE DECODED BY THE TEAM AND SOLVED TO GET THE CONSECUTIVE CLUES TO REACH THE DESTINATION, TO FINALLY COLLECT THE TREASURE. THE TOP TWO TEAMS WHO REACHED THE DESTINATION WERE AWARDED AS THE WINNER AND THE RUNNER. IEEE CERTIFICATES WERE GIVEN TO ALL THE PARTICIPANTS.



5K Marathon – KSGI PARISARA

- DEPARTMENT OF ELECTRONICS AND COMMUNICATION IN ASSOCIATION WITH IEEE, WIE & SPS, KSIT ORGANIZED A 5K MARATHON “KSGI PARISARA” ON 4 TH JUNE 2022, SPONSORED BY GOLD’S GYM. THIS MARATHON IS A SHORT AWARENESS PROGRAM TO SAVE ENVIRONMENT FROM THE 2ND WEEK OF MAY, THE CAMPAIGNING FOR MARATHON HAD BEGUN TO MAKE OUR FELLOW STUDENTS OF KSGI AWARE OF THE UPCOMING BIG EVENT. THE REGISTRATIONS BEGAN SOON AFTER THE CAMPAIGNING, THEREBY MAKING AN AMAZINGLY ENTHUSIASTIC CROWD. ALL THE PARTICIPANTS WERE GIVEN A SWEATSHIRT FOR THE MARATHON.



- ON THE MARATHON DAY, ALL THE PARTICIPANTS ASSEMBLED AT THE QUADRANGLE OF KSIT AT 6:00AM. THE RUNNERS COMPRISED OF KSGI STUDENTS AND STAFF, WITH SEVERAL PEOPLE FROM GOLD’S GYM AS WELL. THE BIBS WERE DISTRIBUTED TO EVERY PARTICIPANT. THE PARTICIPANTS WERE THEN PREPPED UP FOR THE MARATHON WITH SOME WARM-UP. DR. DILIP KUMAR, PRINCIPAL, KSIT, SRI. R RAJAGOPAL NAIDU, PRESIDENT, KSGI AND SRI. LEELA SHANKAR RAO, HON. SECRETARY, KSGI AND SRI. T. NEERAJAKSHULU, TREASURER, KSGI INAUGURATED THE MARATHON BY GIVING A GOOD START TO THE STUDENTS..



- THE RUN STARTED FROM KSIT FOR 5KMS, WITH 5 STALLS IN TOTAL, AT EVERY 1KM. EACH STALL WAS PROVISIONED WITH GLUCOSE, WATER, AND FIRST-AID KITS, TO BOOST THE RUNNERS UP AND TO ASSIST THEM THROUGHOUT THE RUN.

ENVIRONMENTAL DAY-2022

- WORLD ENVIRONMENT DAY IS CELEBRATED ON JUNE 5 EVERY YEAR AND THIS DAY IS COMMEMORATED TO RAISE AWARENESS ABOUT ENVIRONMENTAL ISSUES, THE INCREASINGLY DETERIORATING CONDITIONS, CLIMATE CHANGE ETC. THIS DAY ACTS AS A REMINDER TO PEOPLE TO BE MORE CONSIDERATE AND AWARE OF THE EARTH'S EXISTING CONDITIONS, IN TERMS OF THE ENVIRONMENT
- ALL THE VOLUNTEERS TOOK PART IN THE EVENT FOR CELEBRATING ENVIRONMENTAL DAY ORGANIZED BY KSIT NSS UNIT. THEY PLANTED SEVERAL SAPLINGS OF DIFFERENT KINDS. STUDENTS FROM ALL THE SEMESTER CAME UP FRONT AS A JOINT FORCE TO SAVE MOTHER EARTH AND TO PRESERVE AND RAISE AWARENESS ABOUT THE DETERIORATING ENVIRONMENTAL CONDITIONS. THE EVENT WENT ON SUCCESSFULLY.



• STAFF EXECOM



• **SANGEETHA V**



• **JAYASUDHA B S K**



• **DR . P N SUDHA**



• **DR.SUDARSHAN B**



• **SANTHOSH KUMAR**

• **Student execom**
IEEE



• **RITHVIK .P**
CHAIR ,IEEE

• **NAGA OMKAR**
VICE CHAIR,IEEE



• **AQSA AQEEL,**
SECRETARY,IEEE



• **DISHA SHIVANI,**
DEPUTY SECRETARY,
IEEE



• **P SAI GOVARDHAN,**
TRESURER, IEEE



• **Student execom**
WIE



• **SUSHMITHA.R**
CHAIR ,WIE



• **VANDANA.K**
VICE CHAIR,WIE



• **K.PRATHIBA,**
SECRETREY,WIE

• **BHOOMIKA,**
DEPUTY SECRETREY,
WIE



• **GAYATHRI PK,**
TRESURER, WIE



• ***Student exeecom***
SPS



• **SHIV
SHANKAR.
CHAIR ,SPS**

• **THANUSHREE.D
VICE CHAIR,SPS**



