SUDHARSAN ENGINEERING COLLEGE

Sathiyamangalam, Pudukkottai.

National Science Day - 2023

DEEKSHI - TECHFEST 2k23

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

DEPARTMENT : **COMMON TO ALL DEPARTMENTS**

TITLE OF THE ACTIVITY : **NSD (DEEKSHI TECHFEST 2K23)**

DATE & DURATION : **28.02.2023 - FN & AN**

COVERING LETTER

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

BROCHURE / INVITATION

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

E-Box Colleges

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)

COMMITTEE LIST

EVENTS	FACULTY MEMBERS	STUDENT VOLUNTEERS
PAPER PRESENTATION		
CIVIL	Mr .T. RAGUPATHI	1. M. SRIRAM-IV YEAR 2. M. SURIYA-III YEAR 3. A. RIYASHKAN – IV YR 4. NAGARAJAN – I YR 5. HARIHARAN – I YR
ECE	Mrs D. SARANYA	1. A.VIKASHINI-IV YEAR 2. S. UDHAYA KUMAR-IV YEAR 3. S. SWATHI-II YEAR 4. SYED ASIM – I YR 5. YUVASHREE – I YR
EEE	Mrs.B.MANIMEKALAI	1. K. RENGANATHAN-IV YEAR 2. P. BHARATHI RAJA- III YEAR 3. R. AAKASH-II YEAR 4. KABILAN - I YR 5. HARIHARAN – I YR
CSE & AIDS	Mrs P. PARVATHI Mr S. JOHN JOSEPH	1. A. SANJAY KUMAR-IV YR 2. K. SHIEK ABDULLAH-IV YR 3. M. KATHIRAVAN-III YR 4. A. SRI KEERTHI-III YR 5. A. SARATH SARATHI -II YR 6. AMUTHAN – I YR 7. RAJAN BABU –I YR
MECH	Mr D.SRIRAM Mr D.GUNASEKAR	1. S. SHRI-IV YR 2. R. NAVEEN-IV YR 3. HARIHARAN – III YR 4. GUNALAN – I YR 5. SRIRAM –I YR
TECHNICAL QUIZ		
CIVIL	Mr S. SUNDARRAJ	1. M. SRIRAM-IV YEAR 2. M. SURIYA-III YEAR 3. A. RIYASHKAN – IV YR
ECE	Mrs.S. NIVETHA SARO	1. VIKASHINI-IV YEAR 2. S. UDHAYA KUMAR-IV YEAR 3. S. SWATHI-II YEAR
EEE	Miss.S. HEMILA HALAND	1. K. RENGANATHAN-IV YEAR 2. P. BHARATHI RAJA- III YEAR 3. R. AAKASH-II YEAR
CSE & AIDS	Mrs.P. SIVAPRIYANKA Mrs T. PORKODI	1. A. SAKTHI SUDHARSINI-IV YR 2. K. HARINI-IV YR 3. M. KATHIRAVAN-III YR 4. A. SRI KEERTHI-III YR 5. K BHUVANA - II YR
MECH	Mr J. RAGUNESAN	1. S. SHRI-IV YEAR 2. R. NAVEEN-IV YEAR 3. S. SRIKANTH –IV YR

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

WEALTH FROM WASTE		
CIVIL	Mr P. SIVA	1. M. RIYASKHAN-III YEAR 2. B. PREM CHANDAR-III YEAR
NATIONAL SCIENCE DAY SPEECH		
S&H	Mrs.N.HEMALATHA	1. S. ARAVINDAN-IV YEAR
GAMING (FREE-FIRE)		
MECH	Mr J. RAGUNESAN Mr R.GOKULAKRISHNAN	1. A. SARAVANAN - IV YEAR 2. S. VIJAY- IV YEAR 3. S. ABDUL RAHMAN -II YEAR 4. SURIYA PRAKASH - III YEAR 5. GURUNATHAN – III YEAR 6. SURIYA – I YR 7. HARIKUMAR - I YR
PA SYSTEM		
EEE	Mr. G. DEVANATHAN	1. K. KARUPAIAH-IV YEAR 2. N. ABDUL AJEESH-III YEAR 3. K. NANDHA KUMAR-III YEAR
REGISTRATION – Mr. R.PARTHIBAN AP MECH		
CIVIL	Mr.T.RAGUPATHI	1. M. HARI PRASANTH-III YR 2. R. SIVARAJ-IV YR 3. SABARINATHAN – I YR
ECE	Mrs.A.JENNIFER NIROSHA	1. C. MUTHULAKSHMI II YR 2. A. VARSHA –IV YR 3. PRIYADHARSHINI – I YR
CSE & AI&DS	Mrs.P.BHAVANI	1. K ARTHI-IV YR 2. A.THENMOZHI – II YR 3. MADHUMATHI – I YR 4. DEVADHARSHINI – I YR
EEE	Miss.S.HEMILA HALAND	1. D. MUTHUMANI-III YR 2. H. UDHAYA KUMAR-II YR
MECH	Mr.J.RAGUNESAN	1. P SARAVANAKUMAR- III YR 2. R AATHINAM- III YR 3. NAVANETHAN – I YR
DISCIPLINE & FOOD – Mr.ASAN MOHADEEN		
CIVIL	Mrs.A.MARIAMMAL	1. S. MANIKANDAN-II YR 2. D. NANDHAKUMAR-III YR
ECE	Mr. K.VIJAYAKUMAR	1. KARTHIKEYAN – IV YR 2. DHILEEP KUMAR – IV YR
CSE & AIDS	Mr.R.SARATHBABU	1. R .ABINASH-IV YR 2. I. IGNESIOUS-III YR
EEE	Mr. G.DEVANATHAN	1. V. VENKATESH-IV YR 2. M. ANANDA KUMAR-III YR
MECH	Mr. N.HARIHARASUDAN	1. V. MEENACHI SUNDAR-IV YR 2. M. MARUTHU PANDI- IV YR 3. A.ARUNACHALESHWARAN
PHOTOGRAPHY & SHORTFILM		
ECE	Mrs.A. JENNIFER NIROSHA	1. G. AKILAN - IV YR 2. G.NITHISH – III YR

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

	Mrs. D SARANYA	3. M. SUBHADHARSHIKA – II YR 4. HEMASRI – I YR 5. PAVITHRA – I YR
RECEPTION		
CSE & AI&DS	Mrs. G. RAJALAKSHMI	1. C. SIVAPRIYA –II YR 2. E. SORNAMUGAI- II YRM. ROHINI – II YR
CERTIFICATE & PRICE DISTRIBUTION		
CSE & AI&DS	Mrs M.A. MADHUMATHI Mrs.V. AJANTHA	1. J. DELPHIN SOPHIYA – III YR 2. T.LAKSHMI PRIYA – III YR 3. P. ANITHA –III YR 4. C. SIVAPRIYA –II YR 5. E. SORNAMUGAI- II YRM. ROHINI – II YR
PHOTO & VIDEOS		
MECH	Mr. R. PARTHIBAN	1. P. SARAVANAN- III YR 2. POOMANI KAMALESH –III CSE
STAGE ARRANGEMENTS & HALL ALLOTMENT		
CIVIL	Mr S. SUNDARRAJ	1. V. ARUN PANDIYAN –III YR 2. B. PREM CHANDAR – II YR 3. K. RANJITH IV YR – IV YR 4. M. KALEESWARAN –IV YR 5. R. AJITH – IV YR 6. MADHAN – I YR 7. SRIRAM – I YR 8. RAJASEKARAN – I YR 9. JEGADHESWARAN – I YR
HELP DESK		
CSE – AI&DS	CSE – AI&DS	1. HEMALATHA K –IV YR 2. SUGUNA S –IV YR 3. MANIKANDAN - II YR 4. AJAY – III YR
M/C		
S&H	Mrs P. PARVATHI Mrs N.HEMALATHA	1. T. POONGULALI – I YR 2. M. JAYASAKTHI - I YR 3. S SWATHI II YR 4. M.SUBADHARSHIKA II YR
RANGOLI		
	Mrs.A. JENIFER NIROSHA	1. SARAVANAN P III YR 2. SIVANESAN II YR 3. S SWATHI II YR 4. M.SUBADHARSHIKA II YR

Convenor
Dr.Viswanath Bellie
(HOD/MECH)

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)

EVENTS LIST

- Paper Presentation
- National Science Day Speech
- Technical Quiz
- Wealth From Waste
- Short Film
- Photography
- Gaming (FREE FIRE)

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

E-Box Colleges

LIST OF COLLEGES PARTICIPATED

S.NO	LIST OF COLLEGES PARTICIPATED
1	MOOKAMBIGAI COLLEGE OF ENGINEERING
2	AVC COLLEGE OF ENGINEERING
3	CARE COLLEGE OF ENGINEERING
4	CHENDHURAN COLLEGE OF ENGINEERING AND TECHNOLOGY
5	CHETTINAD COLLEGE OF ENGINEERING AND TECHNOLOGY
6	DHANALAKSHMI SRINIVASAN INSTITUTE OF TECHNOLOGY
7	INDRA GANESAN COLLEGE OF ENGINEERING
8	J.J COLLEGE OF ENGINEERING AND TECHNOLOGY
9	KINGS COLLEGE OF ENGINEERING
10	KIT AND KIM TECHNICAL CAMPUS
11	M.I.E.T.ENGINEERING COLLEGE,TRICHY
12	M.KUMARASAMY COLLEGE OF ENGINEERING
13	MOOKAMBIGAI COLLEGE OF ENGINEERING
14	MOTHER TERESA COLLEGE OF ENGINEERING AND TECHNOLOGY,ILLUPPUR
15	MOUNT ZION COLLEGE OF ENGINEERING & TECHNOLOGY
16	MOUNT ZION COLLEGE OF ENGINEERING & TECHNOLOGY PUDUKOTTAI
17	P R ENGINEERING COLLEGE
18	PANDIAN SARASWATI YADAV ENGINEERING COLLEGE
19	RANE POLYTECHNIC TECHNICAL CAMPUS
20	SARANATHAN COLLEGE OF ENGINEERING
21	SHANMUGANATHAN ENGINEERING
22	SRI RAAJA RAAJAN COLLEGE OF ENGINEERING AND TECHNOLOGY
23	ST.MICHEAL COLLEGE OF ENGINEERING AND TECHNOLOGY KALAYARKOIL
24	TRICHY ENGINEERING COLLEGE
25	UCE-BIT CAMPUS(ANNA UNIVERSITY)

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)

Breakup of Department Wise Registered Candidates:

S.no.	Name Of The Event	MECH	CIVIL	EEE	ECE	CSE & AI&DS
1	Paper Presentation	10	11	22	25	30
2	National Science Day Speech	11				
3	Technical Quiz	28	32	53	62	54
4	Wealth From Waste	8				
5	Short Film	2				
6	Photography	27				
7	Gaming (FREE FIRE)	54				

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Inaugural function

Venue: Sri. Sri. Chandrasekarendra Saraswathi Auditorium Block

On 28th February 2023 Sudharsan Engineering College Pudukkottai, organised National Science Day function as a technical symposium as DEEKSHI TECHFEST 2K23. In commemoration of the Roman effect, National Science Day is celebrated every year on 28 February. This year's theme is 'Global Science for Global Wellbeing'. To celebrate this our college conducted different events such as paper presentation, technical quiz, wealth from Waste, photography and short film contest and free fire gaming contest. Students from various colleges all over Tamil Nadu participated in all the events.

During the inaugural function, the welcome address given by R.Naveen-IV Year/MECH, the presendial address given by Principal Dr.K.Srinivasan,the address about National Sceince day given by Dr.Viswanath Bellie-HOD/MECH followed that the chief guest, Mr. K. Ravindran, General Manager, Advanced Technology & Products, BHEL, Trichy motivated the students about engineering. He also talked about the boiler manufacturing for nuclear reactors and also he inspired our students by sharing his experience. Our beloved principal Dr.K.Srinivasan and the convenor of the event Dr.Vishwanath Bellie honoured the chief guest with a memento and shawl. Then the students who achieved in CM TROPHY sports events were given shields. Finally vote of thanks given by A.Riyakhan-IV Year/CIVIL

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

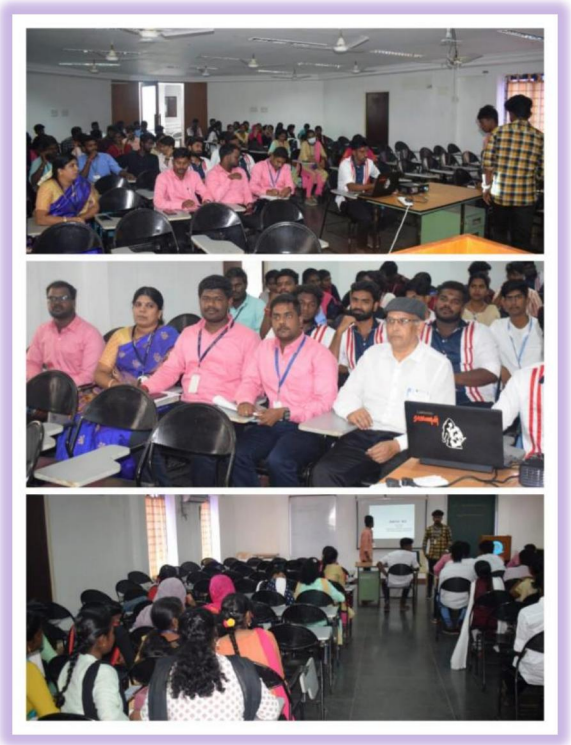
PAPER PRSENTATION

Department : CIVIL

Venue: Hall No: 313 (Sona Block)

Throughout the day, paper presentation participants could choose from a variety of topics to discuss and develop recent trends from recommended topics. Transportation Engineering, Recent Trends in Civil Engineering, and Sustainable Development are among the recommended topics. This occasion lasted 60 minutes. Participants in each team were given background information on selected topics and asked questions. Following a structured process of brainstorming and information exchange, event participants discussed barriers and solutions.

`Dept	Name of winner	College	Name of Runner-up	College
CIVIL	R.V.THENMOZHI B.SWATHI	Shanmuganatham engineering college	R.ABINAYA, V.CHARULATHA	Indra ganeshan college of engineering



SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

TECHNICAL QUIZ

Venue: Hall No: IT LAB 1 (Sona Block)

The event was one of the various technical events organized under the NSD function for students to showcase their talent with a competitive spirit. The event was successful enough to attract more than 60 participants. The competition consisted of two rounds around 20 minutes each. It was conducted through the E-Box platform.

`Dept	Name of winner	College	Name of Runner-up	College
CIVIL	S.DIVYA	Mookambigai college of engineering	S.PATTATHUARASI PANDIYAN	Saraswathi Yadav Engineering College

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

PAPER PRSENTATION

Department : CSE AND AI&DS

Venue: Hall No: 103 (Sona Block)

During the day paper presentation participants had the opportunity to choose among various topics to discuss and develop various concepts in recent trends from recommended topics. The recommended topics includes Robotics and automation, 3D printing, Advanced Manufacturing techniques, Emerging materials. This event lasted for 60 minutes. Each team, participants presented with background information on chosen topics and discussed questions. Then, followed by structured process of brainstorming and information exchange. Participants in the event discussed about barriers and solutions for their chosen topics.

`Dept	Name of winner	College	Name of Runner-up	College
CSE/AI&DS	R.Hema,S.Srinidhi	Chendhuran College of Engineering and Technology	M. Madhavan,Malarkodi-Trichy Engineering College	Trichy Engineering College

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

TECHNICAL QUIZ

Venue: Hall No: IT LAB 1 (Sona Block)

The event was one of the various technical events organized under the NSD function for students to showcase their talent with a competitive spirit. The event was successful enough to attract more than 60 participants. The competition consisted of two rounds around 20 minutes each. It was conducted through the E-Box platform.

`Dept	Name of winner	College	Name of Runner-up	College
CSE/AI&DS	K.A.MADHAVAN	Trichy Engineering College	HARSHIA	Mookambigai College of Engineering

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

PAPER PRSENTATION

Department : ECE

Venue: Hall No: 211 (Sona Block)

During the day paper presentation participants had the opportunity to choose among various topics to discuss and develop recent trends from recommended topics. That recommended topics include Wireless power transmission, Real time speech translation, AI for speech recognition, IOT. This event lasted for 120 minutes. Each team, participants presented with background information on chosen topics and discussed questions. Then, following structured process of brainstorming and information exchange, participants in the event and discussed barriers and solutions.

`Dept	Name of winner	College	Name of Runner-up	College
ECE	R. GUGANRAJ	Mount Zion college of engineering	S. REENA VIGNESHWARI AND R. SELVAMEENAL	Mount Zion college of engineering

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

TECHNICAL QUIZ

Venue: Hall No: IT LAB 3 (Sona Block)

The event was one of the various technical events organized under the NSD function for students to showcase their talent with a competitive spirit. The event was successful enough to attract more than 70 participants. The competition consisted of two rounds around 30 minutes each. It was conducted through the E-Box platform.

`Dept	Name of winner	College	Name of Runner-up	College
ECE	M. PRASANTH	Mount Zion College of Engineering and Technology	A. NIKITHA	Mount Zion College of Engineering and Technology

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

PAPER PRSENTATION

Department : EEE

Venue: Hall No: 211 (Sona Block)

During the day paper presentation participants had the opportunity to choose among various topics to discuss and develop recent trends from recommended topics. That recommended topics include Energy Conservation, Power System, Embedded System and Green Energy This event lasted for 60 minutes. Each team, participants presented with background information on chosen topics and discussed questions. Then, following structured process of brainstorming and information exchange, participants in the event and discussed barriers and solutions..

`Dept	Name of winner	College	Name of Runner-up	College
EEE	R.AARTHI	UCE BIT Campus (Anna University)	A.RAMEESHA RUKSHANA	Mount Zion College of Engineering and Technology

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

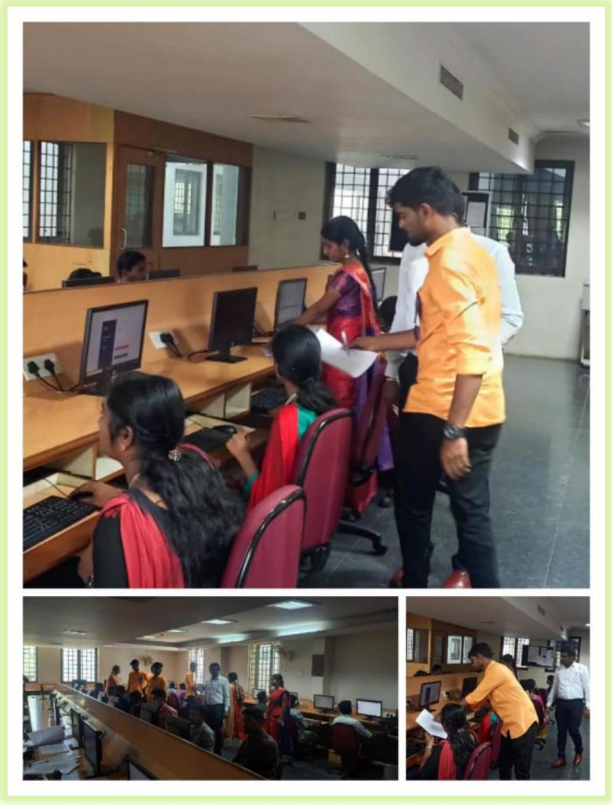
TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

TECHNICAL QUIZ

Venue: Hall No: IT LAB 3 (Sona Block)

The event was one of the various technical events organized under the NSD function for students to showcase their talent with a competitive spirit. The event was successful enough to attract more than 60 participants. The competition consisted of two rounds around 20 minutes each. It was conducted through the E-Box platform.

`Dept	Name of winner	College	Name of Runner-up	College
EEE	K. VEERAMANI,	Mother Terasa College of Engineering and Technology	A. LOGANATHAN	Mount Zion College of Engineering and Technology



SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

PAPER PRSENTATION

Department : MECH

Venue: Hall No: 313 (Sona Block)

During the day paper presentation participants had the opportunity to choose among various topics to discuss and develop recent trends from recommended topics. That recommended topics include Robotics and automation, 3D printing, Advanced Manufacturing techniques, Emerging materials. This event lasted for 60 minutes. Each team, participants presented with background information on chosen topics and discussed questions. Then, following structured process of brainstorming and information exchange, participants in the event and discussed barriers and solutions..

`Dept	Name of winner	College	Name of Runner-up	College
MECH	N.S.Amjath Hussan S.Thoufiq Umar	M.I.E.T Engineering College.	K.Akash	Mother Terasa College Of Engineering And Technology

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Technical Event

TECHNICAL QUIZ

Venue: Hall No: IT LAB 1 (Sona Block)

The event was one of the various technical events organized under the NSD function for students to showcase their talent with a competitive spirit. The event was successful enough to attract more han 60 participants. The competition consisted of two rounds around 20 minutes each. It was conducted through the E-Box platform.

`Dept	Name of winner	College	Name of Runner-up	College
MECH	N. ABDUL REFAIDEEN	M.I.E.T Engineering College.	S.THOUFIQ UMAR	M.I.E.T Engineering College.

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Non Technical Event

SPEECH COMPETITION

Venue: Hall No: CAD lab (Sona Block)

The purpose of celebrating Speech Competition in Science Day is to raise awareness of the value of scientific theories and applications in daily life. We all know very well that science has given us to a lot of things and technologies. Science is having a major influence in our daily life. India has an important role for contributing to the scientific world from the ancient time. India has great potential in science. Many of our practices have deep-rooted scientific bases. Science plays a very important role in the development of our country. whether it's technology, defense, machine, science contributes its part in all the sectors.

Name of winner	College	Name of Runnerup	College
GUGANRAJ	Mount Zion college of engineering and Technology	ABINAYA	Indra Ganeshan College of Engineering

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

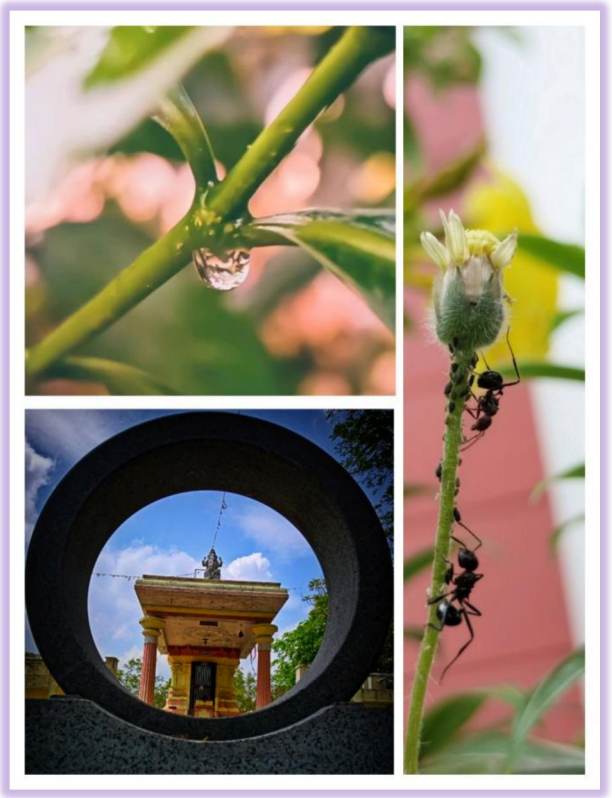
TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Non Technical Event

PHOTOGRAPHY

Venue: Hall No: IT lab 1 (Sona Block)

Photography competitions create opportunities for aspiring young photographers to exhibit their skills to the world. So we conducted the competition in our college in the title of college campus.Nearly 20 students were participated in this competition.

Name of winner	College	Name of Runnerup	College
M. MOHAMED YASEEN	Kings College of Engineering	V. JAHIR USAIN -	Mount Zion College of Engineering and Technology



SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Non Technical Event

WEALTH FROM WASTE

Venue: Hall No: Hall no-103 (Main Block)

To sensitize every citizen, especially the young, and make them a partner in creating a clean nation. To bring about an awareness about waste management and how it can be converted to wealth, our college organised a programme on “Wealth from Waste”

Name of winner	College	Name of Runnerup	College
A.ABIRAMI	Shanmuganathan Enginering College	E.SWETHA P.SASIKA	KIT and KIM Technical Campus

SUDHARSAN ENGINEERING COLLEGE
Sathiyamangalam, Pudukkottai.

TITLE OF THE ACTIVITY : NSD (DEEKSHI TECHFEST 2K23)- Non Technical Event

GAMING

Venue: Hall No: Hall no-G1&G2 (Main Block)

Gamers gain useful skills from participating in esports that help them on a broader learning journey. Analytical problem solving, time management, collaboration, and teamwork are key.

Name of Event	Name of winner	College	Name of Runnerup	College
Gaming	K.YASWANTH	Mount Zion College of Engineering and Technology	V.VIMAL DHARSAN C.HARIHARAN	AVC College of Engineering MCE