



KIT-Estd. 1986



Report on

“3rd South India Project Exhibition (SIPE-2K22)”

Date: 23/06/2022

Sl. No.	Adjudicator
01	Dr. T M Chandrashekariah
02	Mr. Shekhar Gowda
03	Dr.Hadimani Shivakumar
04	Dr.Raviprakash M L



Department of Mechanical Engineering

No.: KIT/MED/012/2022

Date : 18/04/2022

To,
The Principal
KIT-Tiptur

Respected Sir,

Sub: 'Regarding conduction of 3rd South Indian Project Exhibition SIPE-2k22'.

With reference to above cited subject, Department of Mechanical Engineering is planning to organize one day South Indian Project Exhibition (SIPE-2k22) for both **UG** and **PG** students. The event will be conducted in the month of June 2022. Kindly give the permission to conduct above said event and approximate expenditure as mentioned below.

Sl. No.	Particulars	No's	Approx. cost
1	Printing (Flex, Poster, Brochure, Letter head, Invitation etc)	200	15,000/-
2	Printing 'Book of Abstract'	100	10,000/-
3	Certificates	200	5,000/-
4	Lunch and high tea	200	10,000/-
5	Postal charges		5,000/-
6	Adjudicators (TA/DA)	3	12,000/-
7	Remuneration for keynote address	3	6,000/-
8	Bag/ file (Pen, note pad, ID card, CD)	200	10,000/-
9	Prize money(1st,2nd,3rd) (15000, 10000, 5000)		30,000/-
10	Mementos(3+3)	3	5,000/-
11	Shamiyana		13,000/-
12	Electrical Work		4,000/-
13	Inauguration Expense		2,500/-
14	Photo & Video		4,000/-
15	Miscellaneous		3,000/-
Total (One Lakhs thirty four thousand and five hundred rupees)			1,34,500/-

Thanking you
Approved
G. S. H. S.

Kindly issue the cheque in the name of prof. - Brijesh. C.
Co-ordinator of the event.
Brijesh C.

Yours faithfully
Brijesh C.
HEAD OF THE DEPARTMENT
DEPT. OF MECHANICAL ENGINEERING
KIT - TIPTUR - 572 202

We to Secretary/Treasurer
Forwarded/Recommended.....

1986

Kalpataaru Vidya Samsthe © Estd. 1961
KALPATARU INSTITUTE OF TECHNOLOGY
(Affiliated to Visvesvaraya Technological University & approved by AICTE, New Delhi)
N.H 206, Tiptur - 572 202, Karnataka, INDIA.



Department of Mechanical Engineering

Ref No: KIT/ MED/025/2022

18th June, 2022

To,
The Principal,
KIT-Tiptur

Respected Sir,

Sub: Requisition to sanction the 2nd advance amount of Rs. 60,000/- towards 3rd South India Project Exhibition (SIPE-2k22) on 23rd June 2022.

With reference to above cited subject, the Department of Mechanical Engineering is conducting **3rd South India Project Exhibition (SIPE-2k22) on 23rd June 2022**, with your prior permission (KIT/MED/012/2022 dated 18/06/2022).

For above said program Guest Remuneration, Prize amount and other expenses, kindly sanction the 2nd advance amount of Rs. 60,000/- (Rupees sixty thousand only) and issue the cheque in the name of Prof. Brijesh C, Coordinator of the event.

Thanking you

Yours sincerely

HEAD OF THE DEPARTMENT
DEPT. OF MECHANICAL ENGINEERING
KIT - TIPTUR - 572202



Kalpataru Vidya Samsthe ® Estd. 1961
KALPATARU INSTITUTE OF TECHNOLOGY
(Affiliated to Visvesvaraya Technological University & approved by AICTE, New Delhi)
N.H 206, Tiptur – 572 202, Karnataka, India.



Department of Mechanical Engineering

Ref. No: KIT/MED/029/2022

7th July, 2022

To,
The Principal
KIT – Tiptur

Respected Sir,

Sub: - Bill Settlement of Advance amount **Rs. 1,06,600/-** regarding 3rd south India Project Exhibition.

With reference to above cited subject, I here with submitting the bills towards the advance amount of Rs.1,06,600/- (40,000.00+ 60,000.00 + 6,600) (40,000/- Ref: KIT/MED/018/2022 Dated on 21/05/2022, 60,000/- Ref: KIT/MED/025/2022 Dated on 18/06/2022 and Students Registration Fee 6,600/-) The details of expenditure bill details are mentioned below:-

Sl. No	Bill No.	Amount in Rs.
01	314	4860
02	37366	4860
03	96	7800
04	154	700
05	33	138
06	3492	3200
07	433	100
08	74	1169
09	322	3373
10	95	260
11	813	300
12	798	490
13	2550	157
14	808	80
15	1105	440
16	25	1950
17	153	200
18	252	195
19	1181	290
20	1185	200
21	1062	965
22	443	305
23	326	300

24	1972	4150
25	V1	20000
26	V2	15000
27	V3	5000
28	V4	5000
29	V5	2000
30	V6	3000
31	V7	4400
32	V8 (Shamiyana)	18500
33	V9	272
34	V10	270
35	V11	2000
36	V12	1960
37	V13 (Hostel)	10250
38	V14	966
Total Expenditure of Rs. One lakh twenty five thousand and one hundred only		1,25,100/-
Advance amount received of Rs. One lakh only Students Registration Fee of Rs. Six thousand and six hundred only (1,00,000 + 6600 = 1,06,600/-)		1,06,600/-
Excess Expenditure Amount to be paid of Rs. Eighteen thousand and five hundred only		18,500/-

Kindly sanction the excess expenditure amount of Rs. 18,500/- (Rs. Eighteen thousand and five hundred only) towards **Sri Lakshmi Srinivana Shamiysna, Tiptur** and do the needful.

Thanking you,

Encl: 1. Bills
2. Approved Copy

G. S. Srinivas

Yours Sincerely,

[Signature]
HEAD OF THE DEPARTMENT
DEPT. OF MECHANICAL ENGINEERING
KIT - TIPTUR - 572202.

Final year project exhibition expenditure
clearance balance of 18,500/- is to paid to
HOD mechanical. Dr. Viswanath
W/c to Secretary / Treasurer
Forwarded / Recommended..... *[Signature]*

3rd South India Project Exhibition (SIPE-2k22)
On 23rd June 2022
Registration Fee Rs.200
[Open to All Engineering Branches]
Registration Form

Name of the Participant: _____
Faculty/Research scholars/UG/PG: _____
Industry: _____
Area of Research: _____
Department: _____
Institution Address: _____

Address for Correspondence: _____

E-mail: _____
Mob. No.: _____

Registration Fee Details

DD No. _____
Date: _____
Bank Name: _____
Amount: _____

Signature of the applicant

.....
Signature and Seal of the
Head of the Institute/Sponsoring Authority

Technical Committee
Dr. Chandrashekharaiah T M
Arunkumar A M HOD Civil
Yoganand G S HOD ECE
Sashidhar M S HOD CSE
Rajshekar K G HOD ISE
Dr. H N Chandrakala HOD Chemistry
Dr C Vedamurthy HOD Physics
R G Charantimath HOD Mathematics
Dr. Rajashekar Aradya S V
Dr. Kiran T S
Mr. Eshwariah K S
Mr. Siddalingaprasad T S
Mr. Aradhya S M
Mr. Mallikarjuna G B
Mr. Deepak Kumar N Y
Mr. Rohith kumar H V
Mr. Dileep H B
Mr. Mahanthesh G
Mr. Sandeep K
Mr. Hariksha C R
Mr. Anil K

Chairman

Dr. Gurusurthy G D
Principal, KIT, Tiptur

Chief-Convenor

Dr. Viswanatha B M, HOD Mechanical Engg.

Chief Co-Ordinators (SIPE-2K22)

Mr. Brijesh C Ph: 9964070270
Mr. Ajay C K Ph: 9986804773

Co - Ordinators (Faculties)

Mrs.Mamata Sarangamath Ph: 9743424181
Mrs.NaveenKumari M E Ph: 8762323460

Co - Ordinators (Students)

Mr. Madhukeshava S Ph: 7026949704
Mr. Darshan Palegar S Ph: 7483573038
Mr. Anil H M Ph: 9845252346

'3rd South India Project Exhibition'
(SIPE-2K22)
On 23rd June 2022
[Open to All Engineering Branches]



Organised by
Department of Mechanical Engineering
KIT, Tiptur



ESTD: 1986

Kalpataru Institute of Technology

(Affiliated to VTU, Belgavi and Recognized by AICTE, New Delhi)
B.H.Road, TIPTUR-572 201, Karnataka,
Ph: 08134-251267, Fax No: 08134-251939 www.kittiptur.ac.in

About Tiptur

Tiptur is a Taluk and sub-divisional headquarters in Tumakuru District, Karnataka. It is situated along Bengaluru-Honnavar National Highway No. 206 at a distance of 142 km from the state capital Bengaluru. Tiptur is supposed to have got its name from the word 'Tipatala' which means dried coconut/copra. Kalpataru Vidya Samsthe (KVS) plays a key role in catering to the needs of learners in and around Tiptur.

About Organizing Institute

Kalpataru Institute of Technology (KIT) is a part of the Mother institution KVS. KIT was established in 1986 with a view to provide technical education to the rural youth. The college is affiliated to Visvesvaraya Technological University, Belgavi and is recognized by All India Council for Technical Education (AICTE), New Delhi. The 36 year old college has an excellent team of qualified, experienced and dedicated faculty members with the state of the art infrastructure. The college campus is located on the outskirts of the town at a distance of about 2 km. from Railway station and Bus Stand.

About the Department



The department was established in the year 1992. The department is currently headed by **Dr. B M Viswanatha**, Professor & HOD. The department is in optimum demand since its inception to till date. The department has well experienced, highly qualified and committed faculty members. The department has 3 Professors with Ph.D degree. The Department has research center recognized by VTU Belgaum and Tumkur University. Many faculties are pursuing Ph.D in our R&D center. The Research and

Development center has received Rs. 20 lakhs grant to setup Tribological study research laboratory and Rs.30 lakhs grant to set up Energy Conversion Engineering research laboratory from VGST Govt. of Karnataka. The department organizes symposiums, workshops and seminars under Mechanical Engineering Association (MEA) every year.

Chief Patron

Sri P. K. Thipperudrappa
President KVS

Sri. T S Shivaprasad
Treasurer KVS

Patrons

Vice President KVS
Sri. T S Basavaraju
Sri. Bagepalli Nataraj
Sri. G P Deepak
Sri. B S Umesh

Secretary KVS
Sri. M R Sangamesh
Sri. Sudhakar H G
Sri. G S Umashankar
Sri. T U Jagadeeshamurthy

Advisory Committee

Dr. Basavarajappa S, Registrar, IIIT Dharwad
Dr. Prasanna Kumar M, UBDTCE Davanagere
Dr. M S Govinde Gowda ATME Mysore
Dr. Irappa Sogalad, UBDTCE Davanagere
Dr. Rangaswamy T, GEC, Hassan
Dr. Shivashankar G S, SIT, Tumkauru
Dr. E Basavaraj JNNCE, Shivamogga
Dr. Basavarajappa PESITM Shivamogga
Dr. Mahadevaswamy P, SIET, Bengaluru
Dr. Dhananjaya D A, RIT, Hassan
Dr. Mruthunjaya M, JSSATE, Bengaluru
Dr. Suresh R MSRIT, Bengalore
Dr. Kishan Naik UBDTCE, Davanagere
Dr. Manavendra BIET, Davanagere
Dr. Sharan A S BIET, Davanagere
Dr. H R Purushotham SIT, Tumkur
Dr. Virupaxi Auradi SIT, Tumkur
Dr. A G Shivasiddarama SIT, Tumkur
Dr. Bhaskar H B SSIT, Tumkur
Dr. Suresh P M, ACS College of Engg, Bangalore
Dr. Basavaraja Ganigar SIET Bangalore
Dr. Govindraj, BMSIT, Bangalore
Dr. D P Girish, GEC, Bangalore
Dr. Mahesh T S GEC, Hassan
Dr. Kanchiraya S GEC, Hassan
Dr. Balasubramanya H S MSRIT, Bangalore

Dr. Pradeepa T K, DSIT, Bangalore
Dr. Manjaiah, NIT Warangal
Dr. Manohar SJMIT, Chitradurga
Dr. Giridhar Kulakarni CIT, Gubbi
Dr. Girish A C AMCE, Bangalore
Dr. Aravind B N RIT, Hassan
Dr. Kiran M C NMIT, Bangalore
Dr. Sanghamesh BMSIT, Bangalore
Dr. Ranganatha Swamy L BGSIT, Nagamangala
Dr. Pream Kumar S Ujre, Dakshina Kannada
Dr. Arun K G GEC, Haveri
Dr. Kotresh Banjar GEC, Haveri
Dr. Manjunath Channappa Goudra Jain University.

About SIPE-2k22

The south India Project Exhibition (SIPE-2k22) is being organized for the third time from the Department of Mechanical Engineering to facilitate the students who carryout projects for their academics. We are providing a platform for the budding engineers of future who are the builders of our nation.

Registration Details

Participant have to pay the registration fee by way of Demand Draft drawn in favour of “**The Principal, KIT, Tiptur**” payable at Tiptur. It is essential that Project team members have to contribute in the project exhibition for oral presentation. **No TA, DA will be provided.** Accommodation will be provided to only those participants who are coming from a distance of 200km or above.

Registration Fee

SIPE2k22
UG/PG

Rs.200/-

Important Dates

Registration Starts

05/06/2022

Registration Ends

21/06/2022

Note: Participants can send their Synopsis to this e-mail id – sipe2k22@kittiptur.ac.in



Kalpataru Vidya Samsthe ®

Kalpataru Institute of Technology

B.H.Road, TIPTUR-572 201, Karnataka,

Ph:08134 – 251938, Fax:08134 - 251939



Department of Mechanical Engineering

Cordially invites you to the Inauguration of

'3rd South India Project Exhibition' (SIPE-2K22)

On 23rd June 2022

Presiding Over: Sri. P.K. THIPPERUDRAPPA

President, KVS, Tiptur

Chief Guest: Dr. U. T. VIJAY

*Chief Scientific Officer & Principal Investigator-RWH&KDH
Karnataka State Council for science & Technology (KSCST)
Indian Institute of Science, Bengaluru-560012*

Guests of Honor

Vice - President KVS

Sri. T S Basavaraju

Sri. Bagepalli Nataraj

Sri. G P Deepak

Sri. B S Umesh

Secretary KVS

Sri. M R Sangamesh

Sri. Sudhakar H G

Sri. G S Umashankar

Sri. T U Jagadeeshamurthy

Treasurer of KVS

Sri. T. S. Shivaprasad

Dr. Viswanatha B M

HOD, Mechanical Engineering.

Dr.Gurumurthy G D^{Ph.D.}

Principal, KIT, Tiptur

HOD'S OF ALL DEPARTMENT, KIT STAFF & STUDENTS

You Are cordially Invited

Date: 23RD JUNE 2022

VENUE: KIT Campus

Time: 10.00 AM



Kalpataru Vidya Samsthe *Estd.1961
KALPATARU INSTITUTE OF TECHNOLOGY-TIPTUR
(Affiliated to Visvesvaraya Technological University & approved by AICTE, New Delhi)
DEPARTMENT OF MECHANICAL ENGG.



3rd South India Project Exhibition (SIPE-2k22)
23rd June 2022

Registration Form

Sl.no	Project ID	Project title	College	Branch	Project by	Sign
✓ 01	SIPE2k22-01 (50)	Solar Panel Cleaning Robot	BPT Belagavi	Mecotronics	VIPUL. ANGADI HARISH. LOHAR	
✓ 02	SIPE2k22-02	Parkinson's disease detection machine learning	JSS Bangaluru	E&C	Lambhavi Singh Aditi Kumari Anuradha Kumari Shivani	Lambhavi
03	SIPE2k22-03	Fruit Shelf-Life Detection Machine learning and artificial intelligence	JSS Bangaluru	E&C		
04	SIPE2k22-04	"Application of RS and GIS for optimization of municipal solid waste collection route" for doddballapura city, bangalore rural district, karnataka.	Sai Vidya Institute of Technology	CIV		
✓ 05	SIPE2k22-05 (31)	Design & Fabrication of Portable Coffee Harvester"	AIT Chikmagalur	ME 31	Mohammad Adceb Mohammed Taha Mohammad Adceb Zubair	
✓ 06	SIPE2k22-06 (13)	Modelling of Internal Nano-Finishing of Micro-Tubes Using Ferrofluids and Rotating Magnetic Field System	SCEM Mangaluru	ME 13	DHANUSH ACHARYA M SALVIN ASHOK PINTO THEJAS HEGDE VINEETH LESTER PAIS	

07	SIPE2k22-07	Autonomous Sensor Technology In Hydroponics	JNNCE, Shimoga			
✓ 08	SIPE2k22-08 (21)	Portable automatic waste segregator for non-biodegradable things	Vidya Vikas, Mysuru	E&C	Gowthami. A.V. Harshini. P. Karthik Venkatesh Devadiga Manoj. Y.P.	<i>Accepted</i>
✓ 09	SIPE2k22-09 (24)	"Smart Dustbin"	SIT Tumkur	ME	Naveen P.M. Ravichandra.K.M Sanjay.S Vijaybhaskar H.S.	<i>P. J.</i>
10	SIPE2k22-10	Eco Friendly Charcoal Briquette	JNNCE, Shimoga			
✓ 11	SIPE2k22-11 (11)	"An IOT Based Smart Tomato Health Management System using Image Processing Technique"	SSIT Tumakuru	E&C	Sumanya Korabu Varsha Rani S Tasmira Raveeth chetan kumar M.P.	
✓ 12	SIPE2k22-12 (58)	Design and Fabrication of Loop Heat pipe for Cooling Electric Vehicle battery using Nanofluids.	MCE, Hassan	ME	Sanjay. H.B. Madhu. N.M.	<i>S. J. H. B.</i>
✓ 13	SIPE2k22-13 (36)	Design and Development of eco-friendly mosquito diseasecontrol and preventive device	BIET, Davangere	ME	Sunil.N Shasavana.G Abhishek.N.P Hrishik Gowda.	
✓ 14	SIPE2k22-14 (27)	Smart Irrigation Technology Using IOT [Internet of Things]	GPT Arakere	CS	LIKESH.K, VINAYKUMAR.P.R VIKAS. J, AKSH. B. PATEL.	<i>Lipesh</i>
✓ 15	SIPE2k22-15 (59) (15)	"Quad processing machine"	KIT Tiptur	ME	Charan BT Eshwar R Nitesh Kumar Likhith D	<i>AA</i>

✓ 16	SIPE2k22-16 (26)	Home automation using google assistance	Govt. Sri Krishna rajendra Silver Jubilee Tech. Institute	E&C 26	SHREYAS A.C SHYAM SUNDAR N.D UMA .V.	<i>Shreyas</i>
✓ 17	SIPE2k22-17 (22)	"Automatic shavige presser"	SDM polytechnic, ujire	E&C	Paven kumar Pratheek kumar	<i>P.</i>
✓ 18	SIPE2k22-18 (44)	An experimental study on plastic roofing tile	SDM Polytechnic ujire	CIV 41	HRITHIK LOYSTAN	
✓ 19	SIPE2k22-19 (55)	"Handwritten Script Recognition using Deep Learning Techniques"	JNNCE, Shimoga	E&C	Bahana.BN Ranjitha.P Sanyalisha.H.R Shwetha.R	<i>Bami</i>
✓ 20	SIPE2k22-20 (57)	"Lazy random walks for superpixel segmentation"	JNNCE, Shimoga	E&C	Sinchana.S.R Soukya.B.V Spoonch.T.S Spoonch	<i>S.K</i>
✓ 21	SIPE2k22-21 (08)	"Handling of medical equipments and other during covid-19 pandemic situations in a robotic arm by using soft actuator"	KIT Tiptur	M&E	Moksha Nagani K Ramani Madhukeshava.S Dorshan Palagari.S	<i>Moksha</i>
✓ 22	SIPE2k22-22 (45)	Detection and classification of diabetic retinopathy using deep learning	Govt. Sri Krishnarajendra Silver Jubilee Tech. Institute	CS 45	SHARATH.SV SHANTHA PADI CHITHRA.Y.S	<i>Sharanth.P</i>
✓ 23	SIPE2k22-23 (33)	Autonomous Pesticide Spraying and Disease Detection UAV Platform for Areca Nut And Pepper Plantations	SCEM Mangaluru	ME 33	SHRINIDHI.I.S PRATHAM.K.B	
✓ 24	SIPE2k22-24 (37)	Smart appliances controller	RNSIT	ME 37	SAIRAM.M YOGESH.M YASHWANTH BOWDA S YASH REVANKAR	<i>Sairam</i>

✓ 25	SIPE2k22-25 (54)	"Design and fabrication of hydraulic floor crane"	KIT Tiptur	ME	Abhilash. D.R Charan. K.R Siddesh. H.B.	Abhi
✓ 26	SIPE2k22-26 (28)	Interlock cleaning machine	SDM Polytechnic, Ujire	ME 28	Rakesh S Acharya Pavan. V. Shetty	Pavan
✓ 27	SIPE2k22-27 (42)	"Re-engineer paper into wood"	SDM Polytechnic, Ujire 42	CIV	JEEVAN T.K SHREEDHAR	Jeevan
28	SIPE2k22-28	"Fire detection using computer vision"	S J C I T	E&C		
✓ 29	SIPE2k22-29 (51)	Design and fabrication of suspended loadfloating backpack	KIT Tiptur Dileep H.B.	ME	Arhit Joshi Abhishak Deshpande Kotreshwarrao Petti AKSHAY ACHARYA.	Arhit
✓ 30	SIPE2k22-30 (35)	Plasma treated sewage water for iot based hydroponics	BIET, Davangere	ME 35	Manoj. S.K Anandulu. J.N Puneeth. K. A Manoj Kumar. V	Manoj
✓ 31	SIPE2k22-31	Fabrication of Hyper elastic material with cotton fibre by 3D printing	AIT Tumkur	ME	Rohith. H.G.	Rohith
✓ 32	SIPE2k22-32 (07)	CNC 2d Plotter machine	Sri Siddaramaiah Nasa, polytechnic Tiptur	ME EC	MOHAN. B. m MEGHAN. S. L MOHAN. Y. N RAMESH. Y. N	Mohan
✓ 33	SIPE2k22-33 (32)	Design and Development of Autonomous Vehicle for Warehouse Management using ROS	SCEM Mangaluru	EC 32	JEEVAN K PRANAV S	Jeevan

34	SIPE2k22-34 (34)	COVID-19 Safety amalgamate	KIT Tiptur	ME	Eftekhan Ahamed Khan Jayanth M P Keerthi N U Mohammed Tujjeer Ur Raayan S Binwaj. H. S Manu. H Shashank. m. k Azeez Ur Rehman	ME Tujjeer
35	SIPE2k22-35 (4)	Hybrid power generation using solar and verticle axis wind turbine	KIT Tiptur	ME	Manu. H Shashank. m. k Azeez Ur Rehman	
36	SIPE2k22-36 (49)	Human following robot	BPT belagavi	Mecotronics	HUMAN Following Robot RAHUL. MUDAKANAVAR SHUBHAM. BODA M. L. BHARTESH POLYTECHNIC BELLARY	
37	SIPE2k22-37	Design and fabrication of plant irrigation and pesticides sprinkler robot	Sai vidya institute of technology	ME		
38	SIPE2k22-38 (19)	Autonomous 3-D Mapping and Navigating Droid	JNNCE Shivamogga	E&C	Siddarth. M. Muehedi Shashank. G. S Yashas. Vijay Shripad. Adiga	Suh
39	SIPE2k22-39	Mechanical ox using theojansen's mechanism	K.L.E I T Hubli	ME		
40	SIPE2k22-40	Digital education using augmented reality and virtual reality	SSIT Tumakuru	ME		
41	SIPE2k22-41 (56)	Design and fabrication of eco friendly road sweeper machine	KIT Tiptur	ME	AKASH KARABARI MANTUNATHA T PRASHANTHA KUMAR.	AKH
42	SIPE2k22-42	Third eye for the blind	JSS Bangaluru	E&C		

11

43	SIPE2k22-43	"Intelligent medi-box"	SSIT Tumakuru	E&C		
44	SIPE2k22-44	Design of the path following robot	Sapthagiri	M&E		
45	SIPE2k22-45	Technical world	KIT Tiptur	CS		
✓ 46	SIPE2k22-46 (30)	The Study on effect of Stencil in generation of power by varying speed	AIT	ME 30	Shravan BS Sajith J Likhith RN	Varun KM Roh
✓ 47	SIPE2k22-47 39	Design and fabrication of a bot to detect potholes	KLE Institute of Technology Hubli	ME CS ME 39	R. Rahul Dmit Hegde Praveen Sangammasavar	Roh
✓ 48	SIPE2k22-48 (23)	Technical World	KIT Tiptur	CS	Abhan Sameer Hemant P. Chidanand da abrahayaki	Roh
✓ 49	SIPE2k22-49 (17) (05) (22)	Home automation using arduino	KIT Tiptur	E&C	Roham M Dakshin.GS Jayakarathi P	Roham Y Chandhan Roh
✓ 50	SIPE2k22-50 (18) (05) (14)	Smart car parking using arduino	KIT Tiptur	E&C	Roham Y Roham M	Roh
51	SIPE2k22-51	Virtual doctor robot	KLE	M&E		

17

52	SIPE2k22-52	Smart agriculture system with meshnetworking	KLE	E&C		
53	SIPE2k22-53 (53)	Design and Fabrication of Motorized Sprayer for Agriculture 53	KIT Tiptur	ME	Anil HM	see
54	SIPE2k22-54 (02)	Solar Chargeable E - Rikshaw with Smart Systems	Global Academy of Technology, RR Nagar	E&C	Vijay .K.S , Hemanth Kumar.B.V, Hitesh.C	VJA VKJ
55	SIPE2k22-55 (01)	Intelligent Braking System	KIT Tiptur (SK)	ME		Patil
56	SIPE2k22-56 (25)	Design And Fabrication Of Portable Air Cooler	KIT Tiptur	ME 25		see
57	SIPE2k22-57					
57	SIPE2k22-58 (40)	TILT ROTOR VTOL 200 (NME)	B.M. S. College OF Engineering	ME 40	Dheeraj R, AKSHAY SPRASAD, ROHITH.J, SHRIKANT.B, CHANDRASHEKHARAKL, NIRNITH.K.P	Dheeraj
58	SIPE2k22-59 (29)	Design and fabrication of Refrigeration based Dehumidifier (Through Rongde Pe)	AIT CKM 29	ME	Pradeep.H.N, Shridharan, Tharish.KC, Thyagaraj.S, Thyagaraj.S.M	Pradeep
59	SIPE2k22-60 200(NME) (43)	Design and fabrication of Solar solar cutter machine	AIT CKM 43	ME	AKARSH.R, RENAKESHA, BHARATH.U.R, HARSHAVARANA	

==

✓ 61

SIPE 2K22-61
(46)

VIRTUAL DOCTOR
ROBOT & TREE
CLIMBING ROBOT.
(KLE - Dr. MSSCET,
Belagavi).

- 1) Yash. Dongre. ✓
- 2) Krishnakant. B. ✓
- 3) Ajay. Mannolkar. ✓
- 4) Amarnath. G. ✓

Ramankhan

✓ 62

SIPE 2K22-62
(14)

SMART AGRICULTURE WITH
SEED SOWING & MESH
NETWORKING.
- 11 -

- 1) Ajay. Mannolkar. ✓
- 2) Omkar. B. ✓
- 3) Shrishal. B. ✓
- 4) Aakash. Venkhar. ✓

Audha

✓ 63

SIPE 2K22-63
(47)

IoT Based multiple.
Junction. Industrial.
Robot.
- 11 -

- 1) Amarnath. G. ✓
- 2) Satyam. ✓
- 3) Ajay. M. ✓
- 4) Yash. Dongre. ✓

Audha

✓ 64

SIPE 2K22-64
(48)

IoT Based Industrial.
Purpose Forklifting
Robot. 10
- 11 -

- 1) Shrishal. B. ✓
- 2) Amarnath. G. ✓
- 3) Ajay. Mannolkar. ✓
- 4) Pranav. Gurav. ✓

Audha

65

~~SIPE 2K22-65~~



Kalpataru Vidya Samsthe ®

Kalpataru Institute of Technology, Tiptur - 572201

(Affiliated to VTU, Belagavi and Recognized by AICTE, New Delhi)

3rd South India Project Exhibition' (SIPE-2k22)

Organized by

Department of Mechanical Engineering

CERTIFICATE OF PARTICIPATION

This is to Certify that Mr/Ms.....

of.....

has participated in 3rd *South India Project Exhibition (SIPE 2k22)* held at
Kalpataru Institute of Technology, Tiptur on 23rd June 2022.

Prof. Brijesh C & Prof. Ajay C. K.

Chief co-ordinators

Dept of Mechanical Engineering

Dr. Viswanatha B M

Head of the Department,

Dept of Mechanical Engineering

Dr. G D Gurumurthy Ph.D.,

Principal



Kalpataru Institute of Technology
 (Affiliated to VTU, Belgavi and Recognized by AICTE, New Delhi)
 B.H.Road, TIPTUR-572 201.



Department of Mechanical Engineering
'South India Project Exhibition' (SIPE-2K22)
 On 23rd June 2022

FEED BACK FORM

Name: Rohith J

Branch: Mechanical

College name: B.M.S. College of Engineering

1. Over all rating

a. Needs improvement b. Average c. excellent

2. Facility rating

a. Needs improvement b. Average c. excellent

3. Time allotted

a. Needs improvement b. Average c. excellent

4. Suggestions:

:- No. of ppt. form.....
 - Good Co-ordination from Co-ordinators & Volunteers.....
 - Please maintain Washroom clean.....

