

WORKSHOP ON THEORY AND PRACTICALS ON CONSTRUCTION MACHINERY BY SANY INDIA

Event Type: Workshop

Date:07/03/2023

No. of Participants: 47

REPORT

On 7 March, SAE NSSCE and IEI NSSCE student chapter together organized a workshop on excavators in our college. The workshop was conducted at our college in collaboration with SANY Heavy Industry, a leading Heavy machinery manufacturing company. The workshop aimed to provide knowledge about excavators and their applications in the construction industry.

The workshop was divided into two parts. The first part covered an introduction to excavators and their types, while the second part focused on the applications of excavators in the construction industry.

The workshop started with a presentation on excavators and their types. The presenter from SANY Heavy Industry explained the various heavy equipment used in construction, demolition, mining, and other industries. The presenter also discussed the various types of excavators, such as mini excavators, crawler excavators, and backhoe excavators. The presenter explained the difference between each type of excavator and their applications.

In the second part of the workshop, the presenter discussed the applications of excavators in the construction industry. The presenter explained that excavators are used in a wide range of construction activities, such as digging foundations, landscaping, and road construction. The presenter also explained the advantages of using excavators in construction, such as speed, precision, and safety.

After the presentation, there was a live demonstration of an excavator. The presenter from SANY Heavy Industry demonstrated the various functions of an excavator. The demonstration provided the participants with a hands-on experience of an excavator in action.

In conclusion, the workshop handled by SANY Heavy Industry, on 7 March was a great learning experience for the participants. It provided knowledge about excavators and their types, applications in the construction industry, and a live demonstration. The workshop was beneficial for students who are interested in pursuing a career in the construction industry or machinery manufacturing.

The workshop was well organized and informative, and the participants appreciated the opportunity to learn from the experts in the field.

Photo Highlights from the Workshop on Excavators Conducted by SANY Heavy Industry



Participants List

SL.NO	First Name:	Last Name:	Year of Course:	Mobile Number:
1	Achyuth	S Gopinath	Fourth Year	8848177235
2	S Dev Bhaskar	Bhaskar	Second Year	9447651853
3	Pranav	rajeev	Second Year	9778552834
4	Albin	Sebastian	Fourth Year	7356293893
5	KIRAN	R CHANDRAN	Fourth Year	9207432824
6	Abhishek	P	Second Year	6238161663
7	Abhishek	P	Second Year	6238161663
8	AJAYGHOSH	K	Fourth Year	7034275208
9	Vijay	krishna j	Third Year	9207033834
10	Harikrishnan	V	Second Year	7907766700
11	Harikrishnan	V	Second Year	7907766700
12	Aadi	Madanan	Fourth Year	7994840625
13	Ben	Mathew	Fourth Year	7025332993
14	Adharsh Km	Km	Second Year	8281060379
15	Abhinav	C	Fourth Year	7356955303
16	Nishan	T A	Fourth Year	7306694191
17	Naveen	P Nair	Fourth Year	7306451827
18	Abhijith	R	Second Year	8078723561
19	Aadit	Remesh	Second Year	6282611775
20	Aswanth	P	Fourth Year	9188727119
21	Akshaj	Jayaram	Second Year	9447923545
22	STOLIN	VARGHESE	Fourth Year	9526925189
23	Ameen	Ahsan ck	Fourth Year	8943453466
24	ARUN P	P	Fourth Year	6238055907
25	Hadi	Haris Kormath	Fourth Year	7592043056
26	KRISHNAPRASAD P	P	Fourth Year	9567355771
27	VAIBHAV V RAMALINGAM	V RAMALINGAM	Second Year	9315631499
28	Amal C Nair	Nair	Fourth Year	7736435950
29	Abhilash c	c	Second Year	8754945132
30	Pooja K S	K S	Second Year	7025331269
31	Arshik	Kannan P	Second Year	9605230563
32	Arjun	Jayakrishnan	Second Year	8921787139
33	HARI A	A	Second Year	6374765425
34	ABDUL ANEES	ANEES	Fourth Year	7306328935
35	Akash S	S	Fourth Year	9567353548
36	Abhinav	*	Second Year	8086893269
37	Vishnu N	N	Fourth Year	8129257365
38	SAMYUKTH JAIN C S	JAIN C S	Fourth Year	6282688064
39	Afrad	Hussian	Fourth Year	7889715350
40	AKHIL S KUMAR	S KUMAR	Fourth Year	9947828642
41	Arjun O V	O V	Fourth Year	7907315643
42	ANAND K V	K V	Fourth Year	9947445059
43	DARSHAN KRISHNA	KRISHNA	Fourth Year	9447365207
44	Tarun Murali	Murali	Fourth Year	8330075408
45	ASWIN C	C	Fourth Year	9400568766
46	HRISHIKESH M	M	Fourth Year	9447711848
47	SREEHARI K V	K V	Fourth Year	7012165343

BOSCH WORKSHOP ON “ADVANCED AUTOMOTIVE SYSTEMS”

Event Type: Workshop

Date:31/03/2023

No. of Participants: 75

REPORT

On 31 March 2023, the Society of Automotive Engineers (SAE) organized a workshop on the topic “Advanced Automotive Systems” in our college. The workshop was conducted at our college in collaboration with BOSCH, a German Multinational engineering and technology company. It was conducted as a part of our college fest Dyuksha’23. The workshop aimed to provide knowledge about automotive basics and advanced systems that are using currently.

The workshop was divided into two parts. The first part covered an introduction to automobiles and automotive systems, while the second part focussed on advanced automotive systems and vehicle diagnosis.

The workshop started with presentation on automotive basics. The presenter from Bosch Training Centre, Bengaluru explained the topics such as engine components, difference between petrol and diesel engines, engine requirements etc.

In the second part of the workshop, the presenter, discussed about ABS Technology, various sensors inside automobile, common rail system and vehicle diagnosis. He also presented the demonstration of inline fuel injection pump and fuel injector.

After the presentation there was a live demonstration on what’s inside a vehicle bonnet.

In conclusion, the workshop was a great learning experience for the participants. It provided knowledge about automotive basics and advanced systems. The workshop was beneficial for students who are interested in pursuing career in the automobile industry and in relative fields.

Photo Highlights from the Workshop on Advanced Automotive Systems



Participants List

SL NO.	NAME	EMAIL	PHONE
1	Arjun V A	arjunvadakkedath12@gmail.com	9072720412
2	Vismaya Pious	vismayapious6@gmail.com	9746059657
3	Theyyaba K P	theyyabakp@gmail.com	8590988205
4	Anupam Nair	anupamnair2003@gmail.com	9539627006
5	KARTHIK J	karthiknambiar2001@gmail.com	9778334353
6	Sathyajith Narayanan	sathyajithnarayanan098@gmail.	9496504423
7	Darren Thomas	darrensmtv747@gmail.com	7012370835
8	Niranjan Ravi	niranjanravi2003@gmail.com	9446385282
9	Anujith S	anujithsiva07@gmail.com	9497687814
10	Muhammed Ameen K	ameenvellappadam2952@gmail.c	9526033759
11	Rejoy Prince	rejoy130@gmail.com	8547032174
12	ALBI TONY	albitony123@gmail.com	7306137923
13	Abhijith J Kurup	abhijithkurupkm@gmail.com	8078089960
14	Praveen U	praveenmittu07@gmail.com	7736174146
15	ARAVIND V	aravindvenugopal690@gmail.com	7560949077
16	Ansif PH	ansifph@gmail.com	9207451362
17	Akash kt	akashkannachanthodi@gmail.com	9633069400
18	Amal sugathan	amalsugathan632@gmail.com	9037958371
19	Saikeerth T	saikeertht@gmail.com	7994461794
20	Shihan PK	favasnv4@gmail.com	7034669433
21	KRISHNADAS SS	krishnadaskichu2002@gmail.com	8086197325
22	charulatha j	charujdvan888@gmail.com	7306524448
23	SHAHUL ASLIH PP	shahulshan789@gmail.com	9746695429
24	Anand CM	anandcm614@gmail.com	9037204469
25	SANGEETH BHASKAR K	kssangeethbhaskar@gmail.com	8590901686
26	Sreeraj P	sreerajp604@gmail.com	7510927985
27	Hrishikesh A	hrishikeshalikkal03@gmail.com	9061269138
28	Harisankar S	harikuttans2205@gmail.com	9188134720
29	Harikrishnan T Baburaj	harikrishnantbaburaj@gmail.com	9544288605
30	CHARUDAS T	charudasthekkethil@gmail.com	8078223356
31	PRAYAG M	prayagmalamgot@gmail.com	7012893148
32	Anas Ibrahim	anasibrahimkauni@gmail.com	9496924428
33	Noufal Rasheed H	www.noufalrasheed606@gmail.co	7510693606
34	ABHIRAM SONU T	abhiramsonu4567@gmail.com	9778083568
35	Anirudh mahesh	anirudh.m1712@gmail.com	07736300179
36	Abhijith Janardhanan	abhijithcv072@gmail.com	9539590828
37	Manu krishna k	manukrishnak2002@gmail.com	7736245472
38	GANGA ABHIRAM J	gabhiramj@gmail.com	7511144835
39	Abhinand JS	abhinandjs404@gmail.com	7736922577
40	Akash A J	akashaj2012@gmail.com	9061874041
41	Abhinav Arun	abhinavarun123@gmail.com	7994053190
42	Shanil Salam K	shanilsalam37@gmail.com	7559861734
43	Ben Jude Tharsiuse	benjudet10@gmail.com	8075715928
44	K R Vishnu Narayanan	krvishnunarayanan@gmail.com	8075688160
45	SOURAV R NAIR	souravrnair2000@gmail.com	9074165309
46	Karthik S Nair	karthii6869@gmail.com	8129554039
47	IRFAN ZAMAN C	irfanzamanc@gmail.com	9895662759
48	Shilpa T	shilpatshilpa04@gmail.com	9074370307

49	ABHINAV V S	abhinav33anu@gmail.com	9745110550
50	SHIKHIL A	shikhil2121@gmail.com	8086795975
51	Eby Abraham	ebyabraham2002@gmail.com	9188552894
52	VAIBHAV V	vaibhavvramalingam@gmail.com	9315631499
53	Nikhil Roy	roynikhil294@gmail.com	9567919600
54	Mohamed Aashique Sayaani	aashiquesayaani@gmail.com	8592813416
55	Mohammed Safwan kk	mohdsafwanrsf@gmail.com	06282400942
56	Siya Louis	anniesiyalouis@gmail.com	6238916908
57	SANAL SREEKUMAR	sanalsreekumar123@gmail.com	9745703995
58	S dev bhaskar	sdevbhaskar@gmail.com	9447651853
59	Ananth VT	ananth2001vt@gmail.com	7736604199
60	Mohamed Noufal	noufalvp50@gmail.com	8848567099
61	VISHNUDATH K S	vishnudath2002@gmail.com	9061377506
62	Devadath Gopakumar	devadathgopakumar222@gmail.	9497367349
63	Anugraha Kanakkillam	anugrahasakanakkillam@gmail.com	8304820611
64	Vijay krishna j	vijay.youtu@gmail.com	9207033834
65	Harinarayanan P	harinarayanan.p007@gmail.com	9400012114
66	MRIDUL M	mridulm2004@gmail.com	8138887307
67	Bhavanth Manas P	bhavanthmanasp@gmail.com	7510460475
68	Aravindh CS	aravindhsankar76@gmail.com	9446595110
69	Afthab Aslam N	afthabaslamn@gmail.com	9048302975
70	Pooja K S	Poojathakku@gmail.com	7025331269
71	Sreehari Rameshan	srt131926@gmail.com	7356238970
72	Adarsh Km	123adharshmuralee@gmail	8281060379
73	Kamaldas R	kamaldasr97@gmail.com	7736815961
74	Harikrishnan V	harikrishnanxiia@gmail.com	7907766700
75	Pramith C	pramith09@gmail.com	8590882265

MACHINING MADNESS: LATHE



Event Type	: Competition
Date	: 31 MARCH 2023
Number of Participants	:11 Team
Prize Pool	:2500

Event Description

Machining madness is a competition conducted by SAE NSSCE as a part of Dyuksha 23. A lathe competition is an event in which individuals or teams compete against each other to demonstrate their skill and proficiency in using a lathe machine. Lathes are machines used for shaping and cutting various materials such as metal, wood, and plastics. The competition may include tasks such as turning, facing, drilling, and threading, all of which require precision and accuracy in order to achieve the desired results.

The competition may be judged by experts in the field, who evaluate the quality of the finished product, the speed and efficiency of the work, and the overall technical proficiency of the participants. Prizes may be awarded to the winners, which may include cash awards, trophies, or other incentives.



SL
NO.

TEAM MEMBERS

1	PRADEESH D	SOURAV P
2	SHINOD NAIR	SHYAM MOHAN P
3	SREERAG	VIJAY KRISHNA
4	SUMOD	VISHAK R
5	ABHIJITH A S	NIVED K
6	PRAJEESH M P	NAVANEETH K
7	KADHARKUTTY M	SREEJITH R
8	STOLIN VARGHEES	VISHNU N
9	ABHAY RAJ B	SOORAJ K
10	ASWIN DAS	ASWIN MADHU
11	SANGEETH KUMAR	AMAL SULFI

WINNERS

1ST PRIZE : TEAM 6

2ND PRIZE : TEAM 5

3RD PRIZE : TEAM 7

SCAVENGER SHOW DOWN

THE ULTIMATE JUNKYARD ADVENTURE



Event type: Competition

Date: 02/04/2023

No. of participants: 8 teams

Price pool: 4k

Event description

“Scavenger Show Down – The Ultimate Junkyard Adventure” conducted by SAE NSSCE as a part of

Dyuksha 23 in association with Mechanical Engineering Department. Scavenger Show Down was a group competition with each group must have maximum of 4 members and minimum of 2 members. Scrap materials like plastics, wooden pieces, bottles, cardboard pieces, etc. and various accessories were provided to the participating team. With the given items, the participating teams must come up with engineering solutions for relevant problems within the stipulated time period. The judging criteria were based on usefulness, effective utilization of materials, presentation, etc.



Participants List

Sl. No	TEAM MEMBERS			
1	Abhry. A K	Anirudh.N.G	Ananth.V.T	Adithya Krishna. T
2	Sreerag.P	Anupam Nair	Pramilh.C	Sreekrishna.B
3	Fitha.A	Abhijith.J.Kurup	Harisankar.S	Akash.K.T
4	Amaldev	Althaf	Bhavanth Manas.P	Jithin.C
5	Sarath Chandran.R	Sathyajith Narayanan	Sarath.R	Kabeerdas.P
6	Aswin Krishna	Arjun.K	Arjun.P	Bibindas.M
7	Anantha Padmanabhan	Christo Philip Sabu	Albin Anto.K	Arpith Ashok
8	Albin Sebastin	Ajaygosh.K	Aadi G Madanan	Abdul Anees

Winners

1st Prize: Team 2

2nd Prize: Team 5

3rd Prize: Team 7