



# NANDHA ENGINEERING COLLEGE

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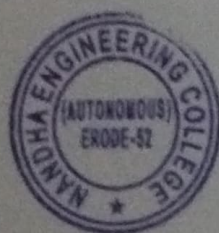
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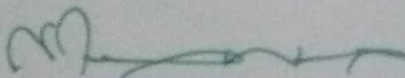
ERODE - 638052 TAMILNADU

Email : principal@nandhaengg.org Mobile : 73737 12234

## POST EVENT REPORT

Department	Electronics and Communication Engineering	
Name of the event	Soft skills / Language and communication skills / Life skills (Yoga, physical fitness, health and hygiene) / Awareness of trends in technology	
Title of the Event	Seminar on "Geo informatics for Social Applications- Challenges and Opportunities"	
Date & Time	07-10-2022	10.30 AM
Venue	Conference Hall, Nandha Engineering College, Erode-52	
Name of the Chief Guest	Dr.A.Senthilkumar	
Designation of the Chief Guest	ISRO, Government of India (Since Jan 1991-March 2020) Chairperson, International Society for Photogrammetry and Remote Sensing Financial Commission Chairperson, CS-Board, Recruitment and Assessment Centre (DRDO)	
Number of Participants	125	
Outcome	As an outcome, faculty members and Students gained comprehensive knowledge on Geoinformatics and will be able to apply this concept in funding projects in ISRO, DRDO and job opportunities in Government sectors like ISRO, DRDO	
Feedback	Good and got idea about scope in students success	



  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode 638 052

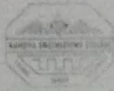
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**NANDHA ENGINEERING COLLEGE (Autonomous)**

Affiliated to Anna University, Approved by AICTE, Accredited by NBA

Perundurai, Erode - 638 052.



Department of Electronics and Communication Engineering  
in association with  
Institution of Electronics and Telecommunication Engineers  
invites you all for the seminar on

## Geoinformatics for Societal Applications - challenges & opportunities

### RESOURCE PERSON



**Dr. A. SENTHIL KUMAR**

ISRO, Government of India (Since Jan 1991 - March 2020)  
Chairperson, International Society for Photogrammetry and Remote Sensing (ISPRS) Financial Commission  
Chairperson, CS-Board, Recruitment and Assessment Centre (DRDO)

### EVENT CO-ORDINATORS

**Ms. V. LOGESWARI**  
AP / ECE

**Ms. V. PARAMESHWARI**  
AP / ECE

### CONVENER

**Dr. S. KAVITHA**  
Dean / ECE

### DIRECTOR

**Dr. J. SENTHIL**  
Nandha Engineering College

### PRINCIPAL

**Dr. N. RENGARAJAN**  
Nandha Engineering College

Date : 07.10.2022

Time : 11 am to 12.15 pm

Venue : Conference Hall





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## Glimpses of Seminar



Principal Address

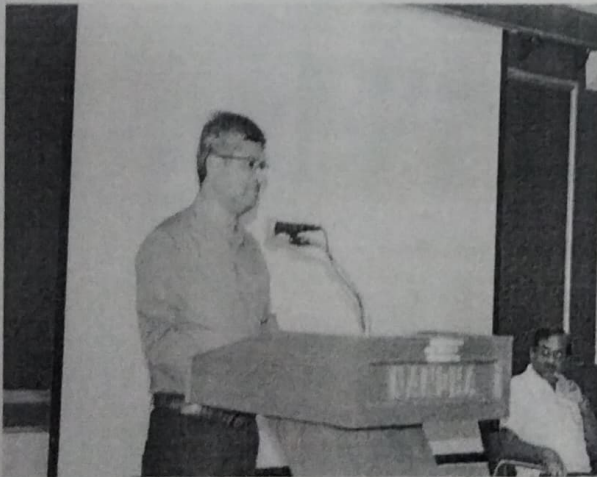


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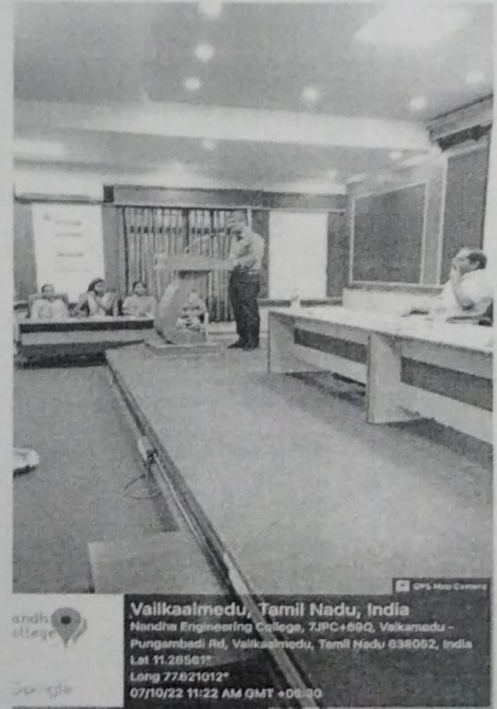
andha college

**Vaikalmedu, Tamil Nadu, India**  
 Nandha Engineering College, 7.JPC+69Q, Vaikalmedu - Pungambadi Rd, Vaikalmedu, Tamil Nadu 638052, India  
 Lat 11.285613°  
 Long 77.821028°  
 07/10/22 11:13 AM GMT +05:30

Google



Chief Guest Address



GPS Map Camera

andha college

**Vaikalmedu, Tamil Nadu, India**  
 Nandha Engineering College, 7.JPC+69Q, Vaikalmedu - Pungambadi Rd, Vaikalmedu, Tamil Nadu 638052, India  
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 Long 77.821012°  
 07/10/22 11:22 AM GMT +05:30

Google





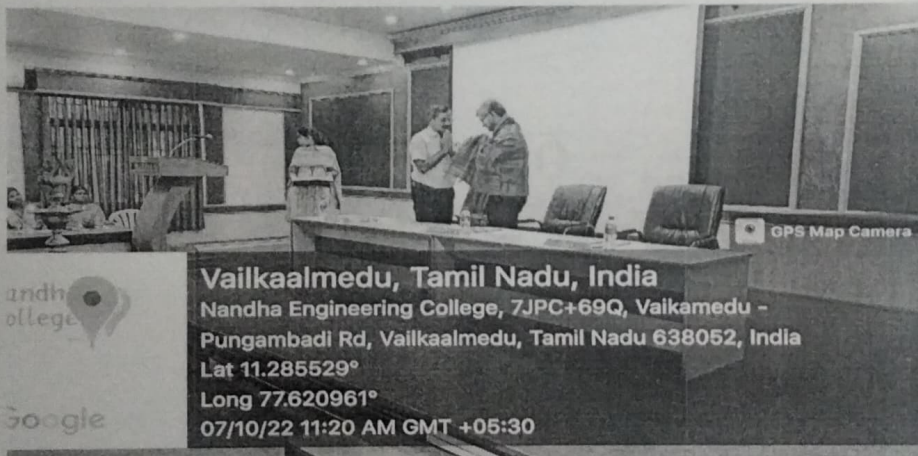
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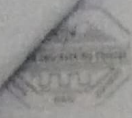
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The resource person for this event was **Dr.A.Senthilkumar, ISRO**, Government of India (Since Jan 1991-March 2020) Chairperson, International Society for Photogrammetry and Remote Sensing Financial Commission Chairperson, CS-Board, Recruitment and Assessment Centre (DRDO) and conducted for ECE department students.

## Chief Guest Profile

### Brief Profile of Dr. A. Senthil Kumar

Address: 164, Sri Ruby Gardens, Sengodampalayam, Thindal, Erode 638012 | +91 9441292021  
E-mail: [nrsc@gmail.com](mailto:nrsc@gmail.com); [senthil\\_irs@outlook.com](mailto:senthil_irs@outlook.com)

- Education:** M.Sc. (Engg.), Ph. D. in Image Processing (IISc.), 1990
- Experience:** ISRO, Govt. of India (since Jan 1991 – March 2020)
- Positions holding/hold:** Chair, ISPRS Financial Commission 2022-2026  
Chair, CS-Board, RAC (DRDO), 2020 – till date  
Former President, ISPRS Commission V, 2016-2022  
Former Director, Indian Institute of Remote Sensing (ISRO)  
Former Director, UN-affiliated Regional Centre: CSSTEAP  
Former Chair, CEOS Working Group on Capacity Building  
Former Executive Editor of JI, of Indian Soc. of Remote Sensing
- Publications:** 120 technical papers in peer reviewed journals and conferences  
  
Coeditor of a book on: *Citizen Science & Geospatial Capacity Building*, Publisher: ISPRS-MDPI, Switzerland, 2022.  
  
Coauthor of a book on *Fuzzy Machine Learning Algorithms for Remote Sensing Image Classification*, Publisher: CRC Press, August, 2020.  
  
Coeditor of a book on: *Remote Sensing of Northwest Himalayan Ecosystem*, Springer Nature, November 2018. (12000+downloads)
- Research Areas:** Spaceborne sensor characterisation, radiometric data processing, image processing & restoration, data fusion and capacity building
- Awards:** **Life-time Achievement Awards from**
  - Asian Association of Remote Sensing Award (2019)
  - Indian Soc. of Remote Sensing Bhaskara Award (2018);
  - Best Director – EET Certificate of Excellence (2019);
  - ISRS - Prof. Satish Dhawan Award (2015);
  - ISRO Team Awards - Chandrayaan-1; Cartosat-1 Missions
- For communication:** Phone: +91 94412 92021  
E-mails: [senthil\\_irs@outlook.com](mailto:senthil_irs@outlook.com); [askumar\\_nrsc@gmail.com](mailto:askumar_nrsc@gmail.com)

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## Programme Participation List

DEPARTMENT OF ECE

### Seminar on “Geo informatics for Social Applications- Challenges and Opportunities”

#### Programme – Attendance List

S.No.	Reg.No	Student Name	Year
1	21EC001	Abishek. A	II Year
2	21EC003	Abitha. S	II Year
3	21EC004	Afsar Faruk. J	II Year
4	21EC005	Aravind. M	II Year
5	21EC006	Ashwanth. R	II Year
6	21EC007	Balashasanth. J. S	II Year
7	21EC008	Bharath. D. M	II Year
8	21EC009	Bharath. J. K	II Year
9	21EC010	Bharath Kumar. S	II Year
10	21EC011	Chandru. M	II Year
11	21EC012	Darshana. K	II Year
12	21EC013	Dharaneesh. M	II Year
13	21EC014	Dharanidharan. R. K	II Year
14	21EC015	Dhinesh. A	II Year
15	21EC016	Dhinesh Kumar. V. S	II Year
16	21EC017	Faizudeen. T	II Year
17	21EC018	Gayalvanan. V	II Year
18	21EC019	Gokul. R	II Year
19	21EC020	Gokul. S	II Year
20	21EC021	Gokulakrishnan. C	II Year
21	21EC022	Gokulprasath. S. R	II Year
22	21EC023	Gopinath. S	II Year
23	21EC024	Gowtham. M	II Year
24	21EC025	Guhan. A	II Year
25	21EC026	Haribalaji. S	II Year
26	21EC027	Haripriya. M	II Year
27	21EC028	Harivignesh. K. S. M	II Year
28	21EC029	Harshavarthini. G	II Year
29	21EC030	Heera Lal. B	II Year
30	21EC031	Indhira Kumaaran. S	II Year
31	21EC032	Jarsi. B	II Year





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32	21EC033	Jaswanth. T	II Year
33	21EC034	Jayadev. G	II Year
34	21EC035	Jayalakshmi. J	II Year
35	21EC036	Jayashri. M	II Year
36	21EC037	Jerin. J	II Year
37	21EC038	Joshiya. S. R	II Year
38	21EC039	Kabish Kannan. D	II Year
39	21EC040	Kabishkumar. M	II Year
40	21EC041	Kavipriya. S	II Year
41	21EC042	Kaviya. R	II Year
42	21EC043	Keerthana. R	II Year
43	21EC044	Keerthivarman. S	II Year
44	21EC045	Koushik. K	II Year
45	21EC046	Manikandan. M	II Year
46	21EC047	Mouli. K	II Year
47	21EC048	Moulieswar. S	II Year
48	21EC049	Mohamed Nowfal. J	II Year
49	21EC050	Moopnar Shreeram Bharathidasan	II Year
50	21EC051	Mounika. S	II Year
51	21EC053	Navaneetha Krishnan. K	II Year
52	21ECL01	Aravindraaj K	II Year
53	21ECL02	Chandru S	II Year
54	21ECL03	Dhivagarar N	II Year
55	21ECL04	Gokulraj S	II Year
56	21ECL05	Harshnn G S	II Year
57	21ECL06	Janarthanan S R	II Year
58	21ECL07	Jeeva S	II Year
59	21ECL08	Jeevanantham K	II Year
60	21ECL09	Jeevanantham S	II Year
61	21ECL10	Karthik vetrivel S	II Year
62	21ECL11	Kavi Barath M	II Year
63	21EC054	Naveen Kumar. G	II Year
64	21EC055	Nitishkumar. C	II Year
65	21EC056	Paul Earnest. J	II Year
66	21EC057	Pradeep. C	II Year
67	21EC058	Pranav Akash. D	II Year
68	21EC059	Praveen. M	II Year
69	21EC060	Praveen. M	II Year
70	21EC061	Raja sibi. R	II Year



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71	21EC062	Ranganathan. G	II Year
72	21EC063	Ranjani. G. C	II Year
73	21EC064	Ranjith. M	II Year
74	21EC065	Rukumani. M	II Year
75	21EC066	Ruthramoorthy. S	II Year
76	21EC067	Sabarinathan. S	II Year
77	21EC069	Sahana Fariz. S	II Year
78	21EC070	Sanjeev. K	II Year
79	21EC071	Sahana. R	II Year
80	21EC072	Sankar. P	II Year
81	21EC073	Selva Vishnu. M	II Year
82	21EC074	Senthil Kumar. T	II Year
83	21EC075	Shanjeev. V	II Year
84	21EC076	Sharmika. V	II Year
85	21EC078	Sharmila. S	II Year
86	21EC079	Sivananthini. V	II Year
87	21EC080	Sowmiya. V	II Year
88	21EC082	Sowntharyan. D	II Year
89	21EC083	Sridhar. M	II Year
90	21EC084	Sriharini. K	II Year
91	21EC085	Srivarshini. S	II Year
92	21EC086	Subha Sree. M	II Year
93	21EC087	Sunil Kumar. S	II Year
94	21EC088	Suvathi. K	II Year
95	21EC089	Swathi. R	II Year
96	21EC090	Swedha. V	II Year
97	21EC091	Tamilselvan. A. K	II Year
98	21EC092	Thinakar. B	II Year
99	21EC093	Thillai Arasan. M. K	II Year
100	21EC094	Thirukumaran. B	II Year
101	21EC095	Varshini. S	II Year
102	21EC096	Vasanth. D. S	II Year
103	21EC098	Vidhya. K	II Year
104	21EC099	Vikram. L	II Year
105	21EC100	Vimal. S. V	II Year
106	21EC101	Vishnu. D	II Year
107	21EC102	Vishnu. J	II Year
108	21EC103	Vishnupriya. Y	II Year
109	21EC104	Yazhini. S	II Year





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110	21EC105	YogeshKumar. S	II Year
111	21ECL12	Logaprasanth S	II Year
112	21ECL13	Mahendhran S	II Year
113	21ECL14	Mayurinathan A	II Year
114	21ECL15	Naveenprasanth S	II Year
115	21ECL16	Ravisrinivasan M	II Year
116	21ECL17	SaravanaKumar P	II Year
117	21ECL18	Sasibharathi V	II Year
118	21ECL19	Sathiyaseelan M	II Year
119	21ECL20	Selvaganapathy R	II Year
120	21ECL21	Sowthiri J	II Year
121	21ECL22	Sri Sakthivel K	II Year
122	21ECL23	Thamaraiventhan J	II Year
123	21ECL24	Vijay M	II Year
124	21ECL25	Vijay S	II Year
125	21ECL26	Vikram P	II Year
126	21ECL27	Vishnu K	II Year
S.No.	Reg.No	Student Name	Year
1	20EC001	ABARNA K	III Year
2	20EC002	ABILASH R	III Year
3	20EC003	ABISHEK K	III Year
4	20EC004	ANANDH ALEXANDER S	III Year
5	20EC005	ARCHANA A T	III Year
6	20EC006	ARUNKUMAR K	III Year
7	20EC007	BAGAVATHI P	III Year
8	20EC008	BHARANI S A	III Year
9	20EC009	BRUNDHA A	III Year
10	20EC010	CHANDRU V	III Year
11	20EC011	CHANTRAMOULI T	III Year
12	20EC012	DEEPAK S	III Year
13	20EC013	DHARANIDRA A Y	III Year
14	20EC014	DHHARUN N M	III Year
15	20EC015	DHIVYADHARSHINI V	III Year
16	20EC016	GEETHA R	III Year
17	20EC017	GOBI R	III Year
18	20EC018	GOKUL S	III Year
19	20EC019	GOKULRAJ P	III Year
20	20EC020	GOKULRAJA R	III Year
21	20EC021	GOMATHI P	III Year



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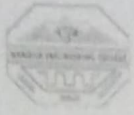
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22	20EC022	GOPALAKANNAN V K	III Year
23	20EC023	GOPIKA R	III Year
24	20EC024	GOWTHAM P S	III Year
25	20EC025	GOWTHAM V	III Year
26	20EC026	HEMA K R	III Year
27	20EC027	INDHU V J	III Year
28	20EC028	JAI SARATHA B	III Year
29	20EC029	JANA M	III Year
30	20EC030	JAYAPRASATH K	III Year
31	20EC032	KARTHIKAIBALAN V P	III Year
32	20EC033	KARTHIKEYAN S	III Year
33	20EC034	KEERTHA DHARSHINI B	III Year
34	20EC035	LOGANATHAN S	III Year
35	20EC036	LOGANATHAN V	III Year
36	20EC037	LOGESH K	III Year
37	20EC038	MANIBHARATHI A	III Year
38	20EC039	MANOJ A	III Year
39	20EC040	MATHIYAZHAGAN S	III Year
40	20EC041	MATHUMITHA A	III Year
41	20EC042	MEHALA B	III Year
42	20EC043	MOHAMMED ABUTHAHIR BASITH A	III Year
43	20EC044	MOHANRAJ K	III Year
44	20EC045	MONIKKA B	III Year
45	20EC046	NADHIYA R	III Year
46	20EC047	NANDHAKUMAR P	III Year
47	20EC048	NAVEEN S	III Year
48	20ECL01	AKILESHWARAN K	III Year
49	20ECL02	ARJUNSHAJI T	III Year
50	20ECL03	ASWIN KUMAR G	III Year
51	20ECL04	BINDHYA P	III Year
52	20ECL05	DEVADHARSHINI M	III Year
53	20ECL06	DINESH P	III Year
54	20ECL07	HARIKRISHNA C H	III Year
55	20ECL08	JAGADEESH S	III Year
56	20ECL09	KARTHIKEYAN S	III Year
57	20ECL10	KOWSALYA D	III Year
58	20ECL11	KRISHNA KUMAR S	III Year





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59	20ECL14	MOULIDHARAN G	III Year
60	20ECL15	MYDEEPAN V	III Year
61	20ECL16	NAVEEN M	III Year
62	20ECL17	NIKIL A	III Year
63	20ECL21	RAMYA M	III Year
64	20EC049	NAVITHA N	III Year
65	20EC050	PAVISHNIKA B	III Year
66	20EC051	POORNIMA M	III Year
67	20EC052	PRADEEP S	III Year
68	20EC053	PRAVEENA K	III Year
69	20EC054	RAAHUL S	III Year
70	20EC055	RAGUL C	III Year
71	20EC056	RANJINI R	III Year
72	20EC057	RANJITH M	III Year
73	20EC058	RITHIK P	III Year
74	20EC059	RITHIKA V	III Year
75	20EC060	RIYAZ KHAN M	III Year
76	20EC061	SABARISH M	III Year
77	20EC062	SAMUVEL R	III Year
78	20EC063	SANDHIYA G	III Year
79	20EC064	SANJAY E	III Year
80	20EC065	SANJAY G	III Year
81	20EC066	SANTHIYA S	III Year
82	20EC067	SANTHOSH M	III Year
83	20EC068	SATHISHKUMAR P	III Year
84	20EC069	SATHISHKUMAR P	III Year
85	20EC070	SEKAR V	III Year
86	20EC071	SETHUPATHI S	III Year
87	20EC072	SHAIK THAYYABA	III Year
88	20EC073	SHANMUGA PRIYA K	III Year
89	20EC074	SHARNIGAA S	III Year
90	20EC075	SIVASHANKAR R	III Year
91	20EC076	SOBIKA R	III Year
92	20EC077	SOUNDAR V	III Year
93	20EC078	SOWNDIRARAJAN V	III Year
94	20EC079	SRINIVAS J	III Year
95	20EC080	SUBA R	III Year
96	20EC081	SUBASREE P	III Year



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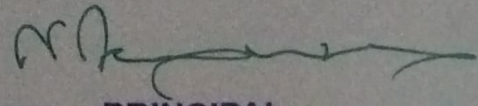
Email :principal@nandhaengg.org Mobile : 73737 12234

97	20EC082	SUDHAN V	III Year
98	20EC083	SUDHARSANA VIGNESHWARAN A	III Year
99	20EC084	SURYAPRASATH G	III Year
100	20EC085	TAMILARASU V	III Year
101	20EC086	THARUNKUMAR S	III Year
102	20EC087	VAISHNAVI B	III Year
103	20EC088	VIGNESH A	III Year
104	20EC089	VIGNESH M	III Year
105	20EC090	VIKNESHWARAN T	III Year
106	20EC091	VINCENT JOEYAL P	III Year
107	20EC092	VISHNU C	III Year
108	20EC093	VISHNURAJ T	III Year
109	20EC094	YASHWANTHBABU A L	III Year
110	20EC095	YUVARAJA P	III Year
111	20ECT01	JANANI N	III Year
112	20ECL18	PANATH AMBROSE ABISHEK A	III Year
113	20ECL19	POORNAVIJAY N	III Year
114	20ECL20	PREMKUMAR R	III Year
115	20ECL22	SANTHOSH M	III Year
116	20ECL23	SASIKUMAR S	III Year
117	20ECL24	SHANMUGA SUNDARAM S	III Year
118	20ECL25	SIDDESH S	III Year
119	20ECL26	SIVANANDHAM N V	III Year
120	20ECL27	SRIRAMAKRISHNAN N	III Year
121	20ECL29	SURESH KUMAR M	III Year
122	20ECL30	THILAK S	III Year
123	20ECL31	VARUN V	III Year
124	20ECL33	VISHNU G M	III Year
125	20ECL34	VISHNUVARTHAN J	III Year

v.Pay

**Event Coordinators**  
Ms.V.Parameshwari, AP/ECE

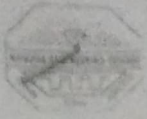
S. K. Smith  
HON



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## POST EVENT REPORT

Department	Electronics and Communication Engineering	
Name of the event	Awareness of trends in Technology	
Title of the Event	Webinar on “Core Industry Opportunity for ECE Students”	
Date & Time	08-11-2022	02.15 PM
Venue	Industry Supported Laboratory, Block-2, Second floor	
Name of the Chief Guest	Mr.N.Sree Takshin	
Designation of the Chief Guest	Co-Founder & CEO, Learners Choice	
Number of Participants	106	
Outcome	End of the seminar all the students are able to know the opportunities in core industry and the skill set required to get placed in core industry.	
Feedback	Good and got an idea about the required skill set and opportunities to get placed in core industry	



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Erode - 638 052.



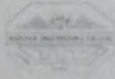
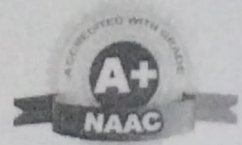
# NANDHA ENGINEERING COLLEGE

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ERODE – 638052 TAMILNADU

Email :principal@nandhaengg.org Mobile : 73737 12234



## NANDHA ENGINEERING COLLEGE (Autonomous)

Affiliated to Anna University, Chennai, Approved by AICTE.  
Perundurai, Erode - 638 052.



Department of Electronics and Communication Engineering  
in association with  
Institution of Electronics and Telecommunication Engineers  
Organizes seminar on

### Core Industry Placement Opportunities for ECE Students

#### Resource Person



Mr. N. Sree Takshin  
Co-Founder & CEO,  
Learners Choice,  
Tiruppur.

#### Co-ordinators

Mr. P. Logamurthy  
AP / ECE

Ms. V. Parameshwari  
AP / ECE

#### Convenors

Dr. S. Kavitha  
Dean / ECE

Dr. C.N. Marimuthu  
Dean / R&D

#### Principal

Dr. N. Rengarajan  
Nandha Engineering College

31

08-11-2022



2 pm to 3.30 pm



Block 2, Industry Supported Laboratory



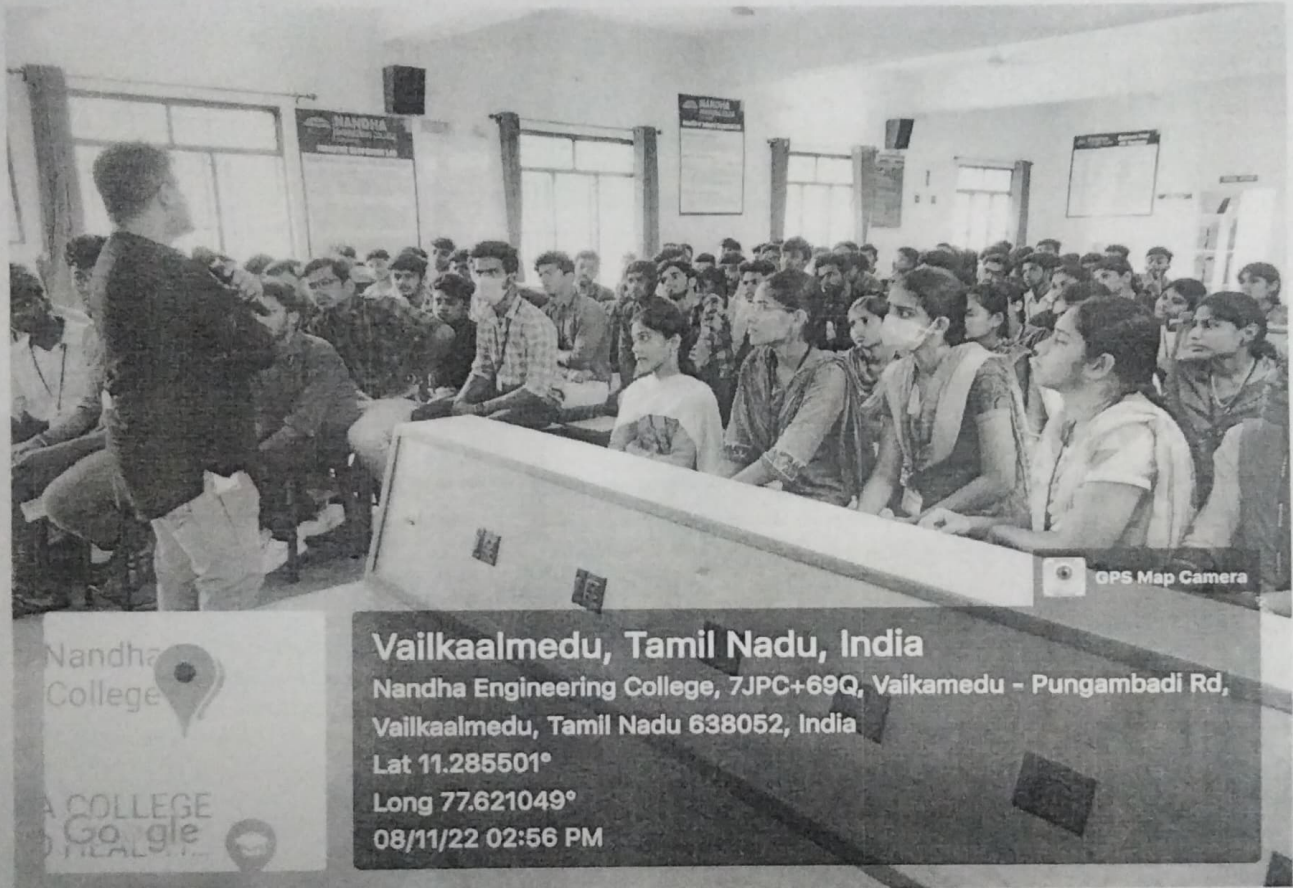
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Nandha  
College

**Vaikalmedu, Tamil Nadu, India**

Nandha Engineering College, 7JPC+69Q, Vaikamedu - Pungambadi Rd,  
Vaikalmedu, Tamil Nadu 638052, India

Lat 11.285501°

Long 77.621049°

08/11/22 02:56 PM

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S REAL

The resource person for this event was Mr.N.Sree Takshin, Co-Founder & CEO, Learners Choice during the seminar



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## Chief Guest Profile



## Sree Takshin N

Co- Founder & CEO

### My Contact

✉ sreetakshin.trodo@gmail.com

☎ +91 96773 79543

### Technical Skills

- PCB Designing
- Hardware Designing
- 3D prototyping
- Patent Drafting
- IPR Activities

### Soft Skills

- Good listener
- Problem Solver
- Leadership
- Team Management

### Achievements

- Trained 1850+ Students.
- Completed 8+ Industry Project.
- Completed 15+ Workshops.
- Guest Lecturer for 12+ Colleges.
- Member of International Association of Engineers.
- Member of IETE Society.
- Published 6+ Journals.

### About Me

An youngster who pursued engineering by passion and interest. A successful Engineering Graduate who started his journey as hardware engineer and associated with startup activities. A deep tech professional who passionately works on electronics for the future needs. His interest are majorly in research and IPR activities for start-up and future technologies. This make him to deliver excellence in his field.

### About Learners Choice

LEARNERS CHOICE is a digital design and development start-up initiated in April 2019, offering a wide range of services and products to various institutions and organisations. Learners choice mainly focuses on services and training in Additive manufacturing, IOT, Automation, Research & development and IPR Activities.

### Early Journey

Apr 19 - Present Co-Founder and CEO, Trodo 3D Additive manufacturing based start up.

Apr 19 - Present Co-Founder, Learner's Choice Research & Development based manufacturing startup.

Aug 21 - Nov 22 Product Evangelist, Machenn  
- Lead to win the award for Best of Research & Development Department  
- Encourage team to learn and professional skills.

Aug 17 - Mar 21 B.E Electronics & Communication Engineering  
Nandha Engineering College, Erode.



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37	20EC038	MANIBHARATHI A	Third
38	20EC039	MANOJ A	Third
39	20EC040	MATHIYAZHAGAN S	Third
40	20EC041	MATHUMITHA A	Third
41	20EC042	MEHALA B	Third
42	20EC043	MOHAMMED ABUTHAHIR BASITH A	Third
43	20EC044	MOHANRAJ K	Third
44	20EC045	MONIKKA B	Third
45	20EC046	NADHIYA R	Third
46	20EC047	NANDHAKUMAR P	Third
47	20EC048	NAVEEN S	Third
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51	20EC052	PRADEEP S	Third
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53	20EC054	RAAHUL S	Third
54	20EC055	RAGUL C	Third
55	20EC056	RANJINI R	Third
56	20EC057	RANJITH M	Third
57	20EC058	RITHIK P	Third
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67	20EC068	SATHISKUMAR P	Third
68	20EC069	SATHISKUMAR P	Third
69	20EC070	SEKAR V	Third
70	20EC071	SETHUPATHI S	Third
71	20EC072	SHAIK THAYYABA	Third
72	20EC073	SHANMUGA PRIYA K	Third
73	20EC074	SHARNIGAA S	Third
74	20EC075	SIVASHANKAR R	Third
75	20EC076	SOBIKA R	Third
76	20EC077	SOUNDAR V	Third
77	20EC078	SOWNDIRARAJAN V	Third
78	20EC079	SRINIVAS J	Third
79	20EC080	SUBA R	Third





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Turkish Journal of Physiotherapy and Rehabilitation, August 2021.

Programme Participation List

DEPARTMENT OF ECE

Webinar on “Personality Traits for students success”

Programme – Attendance List

S.NO.	REGISTER NUMBER	NAME OF THE STUDENT	YEAR OF STUDY
1	20EC001	ABARNA K	Third
2	20EC002	ABILASH R	Third
3	20EC003	ABISHEK K	Third
4	20EC004	ANANDH ALEXANDER S	Third
5	20EC005	ARCHANA A T	Third
6	20EC006	ARUNKUMAR K	Third
7	20EC007	BAGAVATHI P	Third
8	20EC008	BHARANI S A	Third
9	20EC009	BRUNDHA A	Third
10	20EC010	CHANDRU V	Third
11	20EC011	CHANTRAMOULI T	Third
12	20EC012	DEEPAK S	Third
13	20EC013	DHARANIDRA A Y	Third
14	20EC014	DHHARUN N M	Third
15	20EC015	DHIVYADHARSHINI V	Third
16	20EC016	GEETHA R	Third
17	20EC017	GOBI R	Third
18	20EC018	GOKUL S	Third
19	20EC019	GOKULRAJ P	Third
20	20EC020	GOKULRAJA R	Third
21	20EC021	GOMATHI P	Third
22	20EC022	GOPALAKANNAN V K	Third
23	20EC023	GOPIKA R	Third
24	20EC024	GOWTHAM P S	Third
25	20EC025	GOWTHAM V	Third
26	20EC026	HEMA K R	Third
27	20EC027	INDHU V J	Third
28	20EC028	JAI SARATHA B	Third
29	20EC029	JANA M	Third
30	20EC030	JAYAPRASATH K	Third
31	20EC032	KARTHIKAIBALAN V P	Third
32	20EC033	KARTHIKEYAN S	Third
33	20EC034	KEERTHA DHARSHINI B	Third
34	20EC035	LOGANATHAN S	Third
35	20EC036	LOGANATHAN V	Third
36	20EC037	LOGESH K	Third



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80	20EC081	SUBASREE P	Third
81	20EC082	SUDHAN V	Third
82	20EC083	SUDHARSANA VIGNESHWARAN A	Third
83	20EC084	SURYAPRASATH G	Third
84	20EC085	TAMILARASU V	Third
85	20EC086	THARUNKUMAR S	Third
86	20EC087	VAISHNAVI B	Third
87	20EC088	VIGNESH A	Third
88	20EC089	VIGNESH M	Third
89	20EC090	VIKNESHWARAN T	Third
90	20EC091	VINCENT JOEYAL P	Third
91	20EC092	VISHNU C	Third
92	20EC093	VISHNURAJ T	Third
93	20EC094	YASHWANTHBABU A L	Third
94	20EC095	YUVARAJA P	Third
95	20ECL01	AKILESHWARAN K	Third
96	20ECL02	ARJUNSHAJI T	Third
97	20ECL03	ASWIN KUMAR G	Third
98	20ECL04	BINDHYA P	Third
99	20ECL05	DEVADHARSHINI M	Third
100	20ECL06	DINESH P	Third
101	20ECL07	HARIKRISHNA C H	Third
102	20ECL09	KARTHIKEYAN S	Third
103	20ECL10	KOWSALYA D	Third
104	20ECL11	KRISHNA KUMAR S	Third
105	20ECL14	MOULIDHARAN G	Third
106	20ECL15	MYDEEPAN V	Third

*v. Pay*

Event Coordinators

*S. S. Smita*  
HOD



*[Signature]*

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## Future Scope and Opportunity for ECE Students

As a result of integration of electronics and communication mediums into a huge number of new industrial verticals, there is always a spike in the number of avenues and hence opportunities for students and freshers for ECE background. The latest technologies include automation in industries, autonomous drone logistics, self-driving cars, robotics, smart energy systems etc.

Engineers from ECE background have occupied an approximate of about 150,000 job opportunities in India. Whereas Electronics engineers, except those from computer engineering background, hold about 136,300 jobs in India. In a survey by The Bureau of Labour Statistics, statistical data shows that the market of jobs for EC Engineers will continue to grow at a pace of 7% per year, which is approximately similar to any other industry in India, and even more than many. The stats also suggest a profound scope for the electronics for electronics and communications engineering industry on a global basis.

By 2026, the recruitment figure will reach a size of 345,800 jobs for electronics and communications engineers with a 7% hike, for the figure was 324,600 in 2016. That is, the cumulative spike in job opportunities would be approximately 21,200. It will see a total spike of 4% and an approximate addition of 5,100 new opportunities to the electronics and communications industries. A very promising prediction for all those who aspire for a career out of ECE.

The analysis of the statistical data predicts an almost exponential increase in the number of ECE Engineers, i.e. the scope for electronics engineers is going for a spike especially in the core industries. The recruiting industries are supposed to rely upon the expertise of skilled engineers only to handle the tasks like manufacturing of electronics and communications devices and components.

## Job Scope of Electronics and Communication Engineering

Students from Electronics and Communications background are likely of having a future in the following types of industries:

- Telecommunication
- Mobile Communication (2G, 3G, 4G or 5G)
- Automotive Industry
- Consumer electronics manufacture organization
- IT industries
- Internet and Ethernet technologies
- Health care equipment manufacturing
- Power Electronics
- Steel Industry
- Petroleum Industry
- Chemical Industry

ECE students can have careers in industries like consumer electronics manufacturing organization, Automotive, Telecommunication & IT industries, Health care equipment manufacturing, Mobile communication (2G, 3G, and 4G), Internet technologies, Power Electronics, and other industries like steel, petroleum, and chemical ... In the coming years, the trend will continue, and ECE will eventually emerge as one of the most prominent fields of engineering studies with substantial demand for ECE engineers all over the world. The



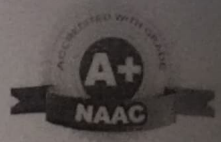
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electronics industry is booming rapidly, and so is progressing the rate of employment in this sector Which companies will hire ECE students?

## Leading core companies recruiting ECE students are:

- Siemens.
- Bajaj Electrical Ltd.
- Wipro Lighting Corporate.
- Microtek.
- Tata Electric Company.
- Adani Power Ltd.
- Schnider Electric.
- Havells.

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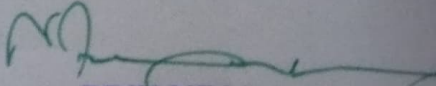
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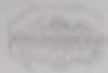
**POST EVENT REPORT**

Department	Electronics and Communication Engineering	
Name of the event	Awareness of Basic Electronics and New Trends in Electronics	
Title of the Event	Seminar on "Basics Of Electronics"	
Date & Time	06-01-2023	09.30 AM
Venue	Conference Hall, Nandha Engineering College, Erode-52	
Name of the Chief Guest	Ms.R.Santhiya	
Designation of the Chief Guest	Senior Technical Engineer LIVEWIRE Erode	
Number of Participants	114	
Outcome	As an outcome, Students gained comprehensive knowledge on Basic Electronics and its concepts. Overview of upcoming core papers, basic concepts and applications. New trends and its applications in Electronics.	
Feedback	Good and got idea about Basics Of Electronics in students success	



  
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**NANDHA ENGINEERING COLLEGE** (Autonomous)

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Pondicherry, Erode - 638 052.



**Department of Electronics and Communication Engineering**  
in association with  
**Institution of Electronics and Telecommunication Engineers**  
organizes

## Seminar on Basics of Electronics

### RESOURCE PERSON



**Mr. R. Santhiya**

Senior Technical Engineer  
LIVEWIRE ERODE

### EVENT CO-ORDINATORS

**Ms. V. Gunasundari**

Assistant Professor, ECE

**Mr. C. Prabhu**

Assistant Professor, ECE

### CONVENERS

**Dr. S. KAVITHA**

Dean / ECE

**Dr. C.N. Marimuthu**

Dean / RAD

### PRINCIPAL

**Dr. N. RENGARAJAN**

Nandha Engineering College

31 06.01.2023

09.30 AM

Conference Hall

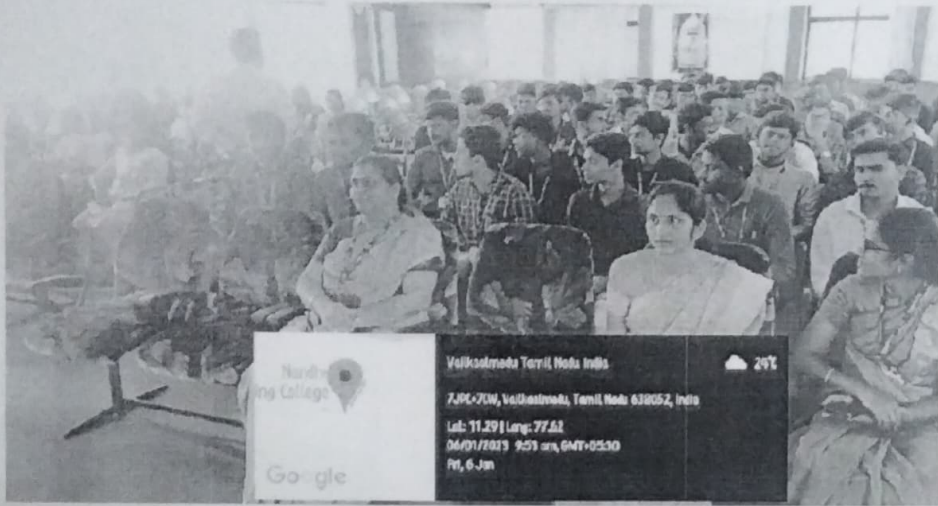


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## of Seminar







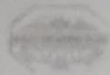
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The resource person for this event was **Ms.R.Santhiya** Senior Technical Engineer LIVWIRE Erode.

### Chief Guest Profile

**Sandhiya R**

**Technical Engineer & Trainer**

**LIVEWIRE**

Email: [911wtn195@gmail.com](mailto:911wtn195@gmail.com)

Mobile: +91-9150790113

#### Experience Summary

Total Experience: 3+Years

#### Job Profile:

- Programming Knowledge in C,C++, Java, Python, Web Designing And Full Stack.
- Conducted Online Training & Class room Training.
- Handled batches in various colleges.
- Delivering Presentations, Workshops, Webinars.
- Development of Projects as per Customer requirement.

#### Skill Sets:

- Web Development
- Programming Languages

#### Educational Qualification:

- B.E-ANNA UNIVERSITY



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**Programme Participation List**  
**DEPARTMENT OF ECE**  
**Seminar on "Basics of Electronics"**  
**Programme - Attendance List**

S.NO	REGISTER NO	NAME OF THE STUDENT	YEAR
1	22EC001	AKASH S	I Year
2	22EC002	ABINAYA M	I Year
3	22EC003	AJAY T	I Year
4	22EC004	ARAVINDHAN A P	I Year
5	22EC005	ARAVINTH KUMAR C	I Year
6	22EC006	ASHWATH KUMAR S	I Year
7	22EC007	ASWIGHA S	I Year
8	22EC008	BALAJI S	I Year
9	22EC009	CHANDRU V	I Year
10	22EC010	CHELLA MANI A	I Year
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12	22EC012	DEVADHARSHINI K	I Year
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15	22EC015	DHILIPKUMAR P	I Year
16	22EC016	DHIVYA S	I Year
17	22EC017	DIVYADHARSAN S	I Year
18	22EC018	DONASRI S	I Year
19	22EC019	EZHILLARASHI N V	I Year
20	22EC021	GURU GOWSHIK R	I Year
21	22EC022	HANUMESH N	I Year
22	22EC023	HARIESH A	I Year
23	22EC024	HARIHARAN M	I Year
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26	22EC027	HARINISREE K	I Year
27	22EC028	HARIPRASAD N	I Year
28	22EC029	HARISH RAGAVENDRA B	I Year
29	22EC031	INDHUJA S	I Year
30	22EC032	INDHUMATHI S	I Year
31	22EC033	JANISH R	I Year
32	22EC034	JASTI A	I Year
33	22EC035	KANIKA K	I Year
34	22EC036	KANISHKAR N	I Year
35	22EC037	KARTHIK V	I Year
36	22EC038	KARTHIKA A	I Year
37	22EC039	KARTHIKEYAN K	I Year

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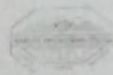
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38	22EC040	KARTHIKEYAN T	I Year
39	22EC041	KAVINILA C	I Year
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41	22EC043	KAVYA S	I Year
42	22EC044	KELVIN MCDONALD N	I Year
43	22EC045	KISHORE P	I Year
44	22EC046	KUMAR T	I Year
45	22EC047	LAZAR NITHISH G	I Year
46	22EC048	MADHU SRI K	I Year
47	22EC049	MADHUSUDHANAN S	I Year
48	22EC050	MALLINI S	I Year
49	22EC051	MANI BALAJEE C	I Year
50	22EC052	MANOJ R	I Year
51	22EC053	MATHAN S	I Year
52	22EC054	MATHIYARASU M	I Year
53	22EC055	MAYOORIA G	I Year
54	22EC056	MITHRESHWARAN S M	I Year
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66	22EC068	PRAKASH S	I Year
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68	22EC070	PRANESH K B	I Year
69	22EC071	PRASANNAKUMAR R	I Year
70	22EC072	PRASANTH S	I Year
71	22EC073	PRAVEENA A	I Year
72	22EC074	PRISY H	I Year
73	22EC075	PRITHIKA K S	I Year
74	22EC076	PRIYANGA L	I Year
75	22EC077	PROMOTH N	I Year
76	22EC078	PUNITHAVATHI B	I Year
77	22EC079	RAAJESH KUMAAR N V	I Year
78	22EC080	RAGHAVI K B	I Year
79	22EC081	RAHUL D	I Year
80	22EC082	RAHUL S	I Year





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81	22EC083	RAJA SURYA E	I Year
82	22EC084	RISHIKESH D	I Year
83	22EC085	SABARNA S C	I Year
84	22EC086	SAHAANA D	I Year
85	22EC087	SANDHIYA K	I Year
86	22EC088	SANJAY P	I Year
87	22EC089	SANJAYKUMAR S	I Year
88	22EC090	SANTHIYA K	I Year
89	22EC091	SANTHOSH N	I Year
90	22EC092	SARATHI R	I Year
91	22EC093	SHEIK SHAHIR N	I Year
92	22EC094	SOWMIYA M	I Year
93	22EC095	SRI GOKULAPRIYAN D	I Year
94	22EC096	SRI SIVA SANGARI S	I Year
95	22EC097	SULTANA BEGAM M	I Year
96	22EC098	SURENDRAN M	I Year
97	22EC099	SURIYA K	I Year
98	22EC100	SURYA S	I Year
99	22EC101	SUSHMITHA M	I Year
100	22EC102	SWATHINI M	I Year
101	22EC103	VARSHA S S	I Year
102	22EC104	VENNILA V	I Year
103	22EC105	VIGNESH J	I Year
104	22EC106	VIGNESHKUMAR P	I Year
105	22EC107	VISHNU L	I Year
106	22EC108	VISWADHARINI N	I Year
107	22EC109	VITHYA SREE K	I Year
108	22EC110	YOGASHREE S	I Year
109	22EC111	YUVANSANKARRAJA C	I Year
110	22EC112	YUVASRI G	I Year
111	22EC113	ANBU T K	I Year
112	22EC114	NITHYANANDHAM P	I Year
113	22EC115	SUDHAKAR G	I Year
114	22EC116	VISHNU V	I Year

*v. Par*

Event Coordinator

*S. K. Smita*  
HON



*M*

PRINCIPAL

Nandha Engineering College

(Autonomous)

Erode 638 052.



**NANDHA ENGINEERING COLLEGE**

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE - 638052 TAMILNADU

Email : principal@nandhaengg.org Mobile : 73737 12234

**DEPARTMENT OF ECE**

**Institution of Electronics and Telecommunication Engineers (IETE)**

**Seminar on Basics of Electronics**

Seminar on Basics of Electronics was organized on 06.01.2023 from 09.30 am to 12.30 pm at NEC Conference hall for first year ECE students. Ms.R.Santhiya **Senior Technical Engineer** LIVEWIRE Erode was the resource person. The information about basics of electronics and its concepts, electronic component types their examples and functions were delivered. Resistor colour coding and the method to calculate values are also explained. The topic gave an insight to recent electronic concepts like 4G, 5G, Lithium ion batteries and its replacement by sodium ion batteries.

The students gained comprehensive knowledge on basic and fundamentals about electronics and its applications.

**Event Coordinators**

**Convener**  
**Dr.S.Kavitha**  
**Dean / ECE**



# NANDHA ENGINEERING COLLEGE

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## POST EVENT REPORT

Department	Electronics and Communication Engineering	
Name of the event	Awareness about VLSI and Job Opportunities in VLSI	
Title of the Event	Seminar on "Job Opportunities in VLSI"	
Date & Time	18-03-2023	11.00AM- 12.30 PM
Venue	Online Mode	
Name of the Chief Guest	Mr.Shiva	
Designation of the Chief Guest	Physical Design Engineer Takshila Institute of VLSI, Bangalore	
Number of Participants	64	
Outcome	As an outcome, Students gained vast knowledge on why they have to study VLSI , its demand in Electronics field and new trends in VLSI. And discussed about huge demand for VLSI design jobs in automobile, telecommunication, mechanical, and so on.	
Feedback	Nice session and students got idea about VLSI Technology and its job opportunities in students success	



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Erode - 638 052.

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## INVITATION

NANDHA ENGINEERING COLLEGE

[Autonomous]

ERODE - 638 052.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

OF TAKSHILA INSTITUTE

TAKSHILA INSTITUTE OF VLSI

Ph : 04294 - 225545, 223711

Fax No : 04294 - 224757

e-mail: [info@nandhaengg.org](mailto:info@nandhaengg.org)

Website: <http://nandhaengg.org>

Dr. V. SHANMUGAN

Dr. S. NANDHAKUMAR PRAB

Dr. S. THIRUMOORTHY

Chairman

Secretary

Secretary

Sri Nandha Educational Trust

Sri Nandha Educational Trust

Nandha Educational Institutions

PATRON

Dr. M. BENGARAJAN

Principal

Dr. S. ARUNUGAM

Dean

CONVENORS

Dr. C.M. Marimuthu

Dean - ECE

Dr. S. Kevitha

Dean - ECE

CO-ORDINATORS

Mr. P. LOGANURTHI

Assistant Professor

Mr. RAJIP S

Assistant Professor

### INVITATION

The Management, Principal, Faculty members and Students of  
Electronics and Communication Engineering department

Cordially invite you for the

**Industrial Webinar**  
on  
**"Job Opportunities in VLSI"**



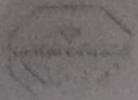
by  
**Mr. SHIVA**  
PHYSICAL DESIGN ENGINEER  
TAKSHILA INSTITUTE OF VLSI

Date: March 18, 2023

Time: 11:00 am-12:30p

Venue  
Online Mode





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Post Box No. 1234, New Delhi and affiliated to Anna University, Chennai-60

ERODE – 638052 TAMILNADU

Email :principal@nandhaengg.org Mobile : 73737 12234

The resource person for this event was Mr.SHIVA ,Physical Design Engineer ,Takshila Institute of VLSI, Bangalore

## Chief Guest Profile



### OBJECTIVE:

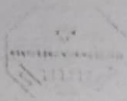
Intend to associate with an organization where I can enhance my skills & knowledge which helps in organization growth and helps me to impart information about the latest technologies.

### PROFESSION EXPERIENCE:

- Have 12 years 4 months experience as a Physical Engineer.
- Working as Design Engineer in Intel
- Worked as Physical Design Engineer in QUALCOMM.
- Worked as Physical Design Engineer in Texas Instrument.

### TECHNICAL SKILLS:

- Have good experience in handling critical blocks.
- Good at STA, SI analysis, DRC, LVS and Antenna fixes.
- Have good knowledge on multi-voltage construction for blocks and UPF.



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## PROJECTS:

Project - 1 : Overview: A TSMC 22nm Project

Role: Handled 1 Blocks (0.6M Inst count operating at 0.8 GHz, Floorplan-GDSII)

Project - 2 : Overview: A TSMC 7nm Project

Role: Handled 2 blocks (1.2M, 1M Inst count each operating at 1.2GHz, Floorplan GDSII)

Project - 3 : Overview: A TSMC 7nm project

Role: Handled 2 blocks, Inst Count 1.2M (72 SRAMS) and 0.9M (25 SRAMS) operating at 2.55GHz.

Project - 4 : Overview: A TSMC 6nm project

Role: Handled 2 Blocks of Inst count 1.4M and 0.97M each operating at 2.24GHz

Project - 5 : Overview: Flow and JIRA handling

Role: Handled ECO Flow development and deployment along with the JIRA's.



# NANDHA ENGINEERING COLLEGE

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## Programme Participation List

DEPARTMENT OF ECE

Seminar on "Job Opportunities in VLSI"

Programme - Attendance List

ID	Name
20EC013	Dhavendra
20EC001	ADARVA
20EC002	Abhinav
20EC006	ARUNKUMAR
20EC009	BRINDHYA
20EC018	DHIVYADHARSHINI
20EC017	GOBI
20EC018	GOKUL B
20EC019	GOKULRAJ P
20EC021	GOMATHI

ID	Name
20EC023	Gopika
20EC027	NIHIL V J
20EC029	JANA
20EC030	JAYAPRAKASH
20EC040	MATHIYAZHAGAN
20EC041	MATHUMITHA A
20EC043	Mohamed Abubakar Basit
20EC048	HADHIRA R
20EC030	PAVISHNIKA B
20EC014	RAAHUL B
20EC055	Ragul G
20EC057	Ranjith

ID	Name
20EC058	Rithik
20EC059	Rithika
20EC063	Sandhya G
20EC065	SANJAY G
20EC068	BATHISH KUMAR
20EC069	Saihsh Kumar
20EC070	SEKAR
20EC072	SHAIK THAYYABA
20EC073	SHANMUGA PRIYA K
20EC075	Shaabankar R
20EC077	Soundar
20EC079	SRINIVAS



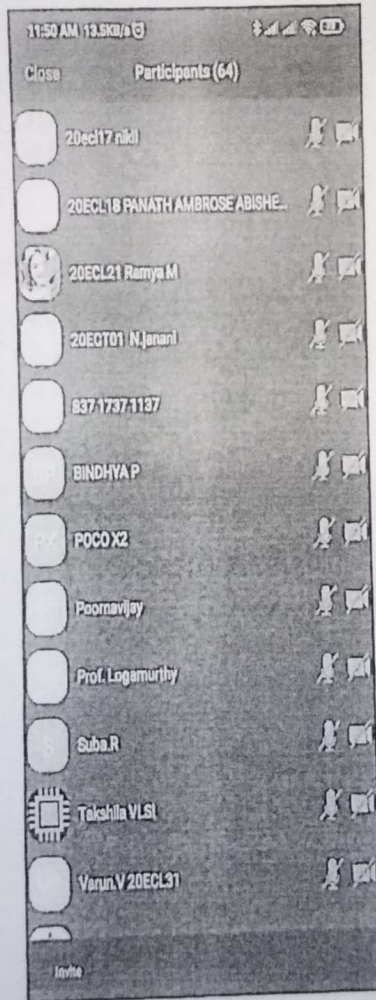
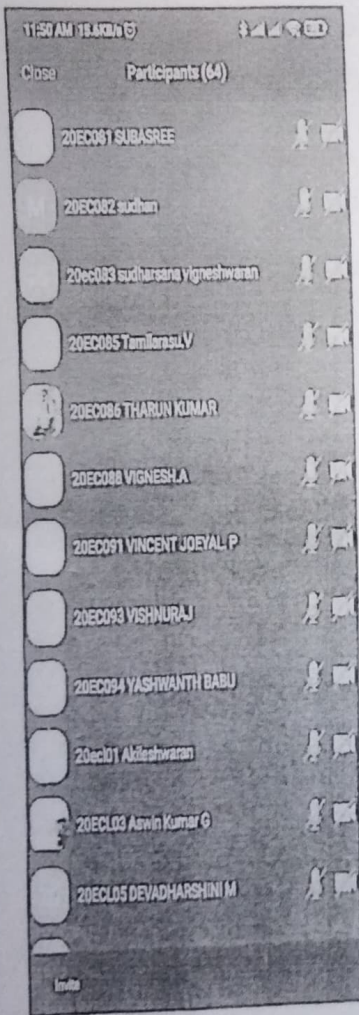
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## DEPARTMENT OF ECE

### Institution of Electronics and Telecommunication Engineers (IETE)

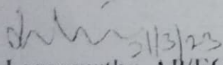
#### Seminar on “Job Opportunities in VLSI”

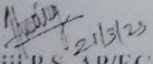
Seminar on **Job Opportunities in VLSI** was organized on 18.03.2023 from 11.00 am to 12.30 pm in online mode for third year ECE students. Mr.Shiva, Physical Design Engineer ,Takshila Institute of VLSI, Bangalore was the resource person. The information about

VLSI career is an excellent choice for those interested in technology. The demand for high-tech products is expected to grow, creating even more opportunities. The number of companies offering VLSI jobs is also increasing, making it a good career choice

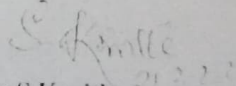
The students gained comprehensive knowledge on why they have to study VLSI , its demand in Electronics field and new trends in VLSI. And discussed about huge demand for VLSI design jobs in automobile, telecommunication, mechanical, and so on.

#### Event Coordinators

  
Mr.P.Logamurthy, AP/ECE

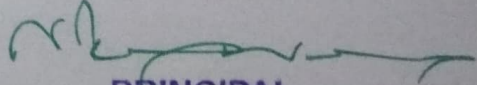
  
Ms.Niji.P.S, AP/ECE

#### Conveners

  
Dr.S.Kavitha

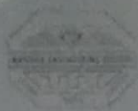
Dean / ECE





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## POST EVENT REPORT

Department	Electronics and Communication Engineering	
Name of the event	Soft skills / Language and communication skills / Life skills (Yoga, physical fitness, health and hygiene) / Awareness of trends in technology	
Title of the Event	Hands on training on PCB designing	
Date & Time	03.05.2023 & 04.05.2023	09.30 AM - 4.30PM
Venue	Placement auditorium, Simulation lab, Block-2, 1 floor Nandha Engineering College, Erode-52	
Name of the Chief Guest	Mr. Ramesh Duraisamy	
Designation of the Chief Guest	Chief Technology Officer, Chip Crafts. Coimbatore, Tamilnadu.	
Number of Participants	100	
Outcome	As an outcome, Students gained comprehensive knowledge on Basic knowledge in PCB Designing in Altium software, Schematic diagram, Layout design. It will help them to develop a new PCB board as own for any electronic circuits.	
Feedback	Excellent programme and learnt about PCB designing, it will help them to get opportunities in Core jobs	



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## NANDHA ENGINEERING COLLEGE (Autonomous)

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Accredited by NAAC A+ Grade & Accredited by NBA

Erode - Perundurai Main Road, Valkkaalmedu, Erode - 638 052. TamilNadu.



Department of Electronics and Communication Engineering

In association with

Indian Society for Technical Education (ISTE)

organizes

## Hands-on Training on PCB Designing

Mr. Ramesh Duraisamy  
Chief Technology Officer, Chip Crafts.  
Coimbatore, Tamilnadu.



ISTE Coordinator

Ms. V. Parameshwari  
AP / ECE

Event Coordinators

Ms. V. Parameshwari  
AP / ECE

Mr. M. Srinevasan  
AP / ECE

Convenors

Dr. S. Kavitha  
Dean / ECE

Dr. C.N. Marimuthu  
Dean / R&D

Director

Dr. J. Senthil  
Nandha Engineering College

Principal

Dr. N. Rengrajan  
Nandha Engineering College



03.05.2023,  
04.05.2023



9:30 am - 4:30 pm



Placement Auditorium



# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

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ERODE – 638052 TAMILNADU

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## Glimpses of Workshop







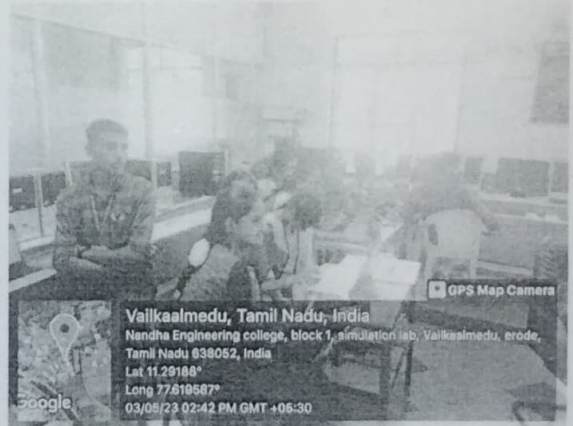
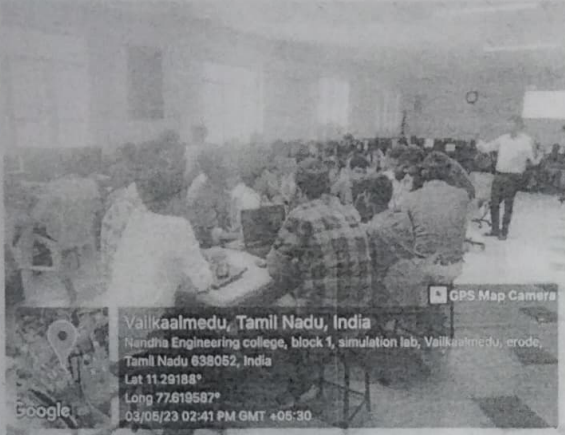
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Email : principal@nandhaengg.org Mobile : 73737 12234

The resource person for this event was **Mr.Ramesh Duraisamy, Chief Technology Officer, Chip Crafts, Coimbatore, Tamilnadu.**

## Chief Guest Profile



**Ramesh Duraisamy - M.Sc., Electronics  
Chief Technology Officer, Chip Crafts.  
Coimbatore-Tamilnadu.**

- ❖ 14+ Years Experience in Microcontrollers (8/16/32 Bit cores)
- ❖ Microchip PIC MCU's
- ❖ Hardware Design and Verification skills.
- ❖ New Product Development (NPD) in Electronics.
- ❖ PCB Design (DFA/DFM/DFT)
- ❖ PCB CAM Testing / Electronics CAD <-> Mechanical CAD Collaborations
- ❖ PCB Reverse Engineering
- ❖ Protocols: RS232 / RS485 / I2C/SPI/CAN
- ❖ Wireless: GPS / GPRS / BLE / WiFi
- ❖ VFD Programming / Solar Plant
- ❖ Sourcing electronic components from worldwide.
- ❖ Professional trainings for Embedded Systems & IoT, PCB Design





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S.NO	REG NO	STUDENT NAME	03.05.2023	04.05.2023
			Signature of the students	
41	22EC043	KAVYA S	Kavya	Kavya
42	22EC044	KELVIN McDONALD N	Kelvin	Kelvin
43	22EC045	KISHORE P	P.Kishore	P.Kishore
44	22EC046	KUMAR T	T.Kumar	T.Kumar
45	22EC047	LAZAR NITHISH G	Lazar G	Lazar G
46	22EC048	MADHU SRI K	K.Madhu	K.Madhu
47	22EC049	MADHUSUDHANAN S	S.Madhusudhanan	S.Madhusudhanan
48	22EC050	MALLINI S	S.Mallini	S.Mallini
49	22EC051	MANI BALAJEE C	C.M.Balajee	AB
50	22EC052	MANOJ R	Manoj R	Manoj R
51	22EC053	MATHAN S	S.Mathan	S.Mathan
52	22EC054	MATHIVARASU M	M.Mathi	M.Mathi
53	22EC055	MAYOORIA G	G.Mayooria	AB
54	22EC056	MITHRESHWARAN S M	S.Mithreshwaran	S.Mithreshwaran
55	22EC057	MOHAN PRASANTH P	P.Prasanth	P.Prasanth
56	22EC058	MOKHANES A	AB	A.Mokhanes
57	22EC059	MYTHILI V	Mythili V	Mythili V
58	22EC060	NATHISH M	M.Nathish	Nathish
59	22EC061	NAVEEN K	K.Naveen	AB
60	22EC062	NAVEEN PRASANTH C	C.Naveen	AB
61	22EC063	NAVEENKUMAR P	P.Naveenkumar	P.Naveenkumar
62	22EC064	NAVIN KUMAR S	S.Navinkumar	S.Navinkumar
63	22EC065	PAVISHKUMAR A K	A.K.Pavishkumar	A.K.Pavishkumar
64	22EC066	PAVITHRA T	T.Pavithra	T.Pavithra
65	22EC067	PRADEEP V	V.Pradeep	V.Pradeep
66	22EC068	PRAKASH S	S.Prakash	AB
67	22EC069	PRANAV P R	P.Pranav	P.Pranav
68	22EC070	PRANESH K B	B.Pranesh	AB
69	22EC071	PRASANNAKUMAR R	R.Prasannakumar	AB
70	22EC072	PRASANTH S	S.Prasanth	S.Prasanth
71	22EC073	PRAVEENA A	A.Praveena	A.Praveena
72	22EC074	PRISY H	H.Prisy	H.Prisy
73	22EC075	PRITHIKA K S	S.Prithika	S.Prithika
74	22EC076	PRIYANGA L	L.Priyanga	L.Priyanga
75	22EC077	PROMOTH N	N.Promoth	AB
76	22EC078	PUNITHAVATHI B	B.Punithavathi	B.Punithavathi
77	22EC079	RAAJESH KUMAAR N V	N.V.Rajesh	AB
78	22EC080	RAGHAVI K B	B.Raghavi	Raghavi
79	22EC081	RAHUL D	D.Rahul	AB
80	22EC082	RAHUL S	S.Rahul	AB
81	22EC083	RAJA SURYA E	E.Rajasurya	E.Rajasurya
82	22EC084	RISHIKESH D	D.Rishikesh	AB
83	22EC085	SABARNA S C	C.Sabarna	C.Sabarna
84	22EC086	SAHAANA D	D.Sahaana	D.Sahaana



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Email : principal@nandhaengg.org Mobile : 73737 12234

## Programme Participation List DEPARTMENT OF ECE Hands on training on PCB designing Programme - Attendance List

NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE-52  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ACADEMIC YEAR 2022-2023 EVEN SEMESTER  
Hands on training workshop on PCB Designing

### 1 YEAR ECE PARTICIPANTS LIST

SNO	REG NO	STUDENT NAME	03.05.2023	04.05.2023
			Signature of the students	
1	22EC001	AKASH S	[Signature]	[Signature]
2	22EC002	ABINAYA M	[Signature]	AB
3	22EC003	AJAY T	[Signature]	AB
4	22EC004	ARAVINDHAN A P	[Signature]	[Signature]
5	22EC005	ARAVINTH KUMAR C	[Signature]	[Signature]
6	22EC006	ASHWATH KUMAR S	[Signature]	[Signature]
7	22EC007	ASWIGHA S	[Signature]	[Signature]
8	22EC008	BALAJI S	[Signature]	AB
9	22EC009	CHANDRU V	[Signature]	[Signature]
10	22EC010	CHILLA MAWI A	[Signature]	[Signature]
11	22EC011	DEEPAK KUMAR S	[Signature]	[Signature]
12	22EC012	DEVADHARSHINI K	[Signature]	[Signature]
13	22EC013	DHARANIT	[Signature]	[Signature]
14	22EC014	DHASHNAMOORTHIP	[Signature]	AB
15	22EC015	DHILIP KUMAR P	[Signature]	[Signature]
16	22EC016	DHIVYA S	[Signature]	[Signature]
17	22EC017	DIVYADHARSA S	[Signature]	[Signature]
18	22EC018	DONASRI S	[Signature]	[Signature]
19	22EC019	EZHILLARASHI N V	[Signature]	[Signature]
20	22EC020	GURU GOWSHIK R	[Signature]	[Signature]
21	22EC021	HANUMESH N	AB	AB
22	22EC022	HARIESHA	[Signature]	[Signature]
23	22EC023	HARIHARAN M	[Signature]	[Signature]
24	22EC024	HARIHARAN T	[Signature]	[Signature]
25	22EC025	HARIKRISHNAN N	[Signature]	AB
26	22EC026	HARINISREE K	[Signature]	[Signature]
27	22EC027	HARI PRASAD N	[Signature]	[Signature]
28	22EC028	HARISH RAGAVENDRA B	[Signature]	[Signature]
29	22EC029	INDHUJA S	[Signature]	[Signature]
30	22EC030	INDHUMATHI S	[Signature]	[Signature]
31	22EC031	JANISH R	[Signature]	[Signature]
32	22EC032	JASTI A	[Signature]	[Signature]
33	22EC033	KANIKA K	[Signature]	[Signature]
34	22EC034	KANISHKAR N	[Signature]	[Signature]
35	22EC035	KARTHIK V	[Signature]	AB
36	22EC036	KARTHIKA A	[Signature]	[Signature]
37	22EC037	KARTHIKEYAN K	AB	AB
38	22EC038	KARTHIKEYAN T	[Signature]	[Signature]
39	22EC039	KAVINI LA C	[Signature]	[Signature]
40	22EC040	KAVINPRABHU R	[Signature]	[Signature]





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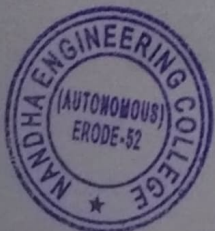
ERODE – 638052 TAMILNADU

Email : principal@nandhaengg.org Mobile : 73737 12234

S.NO	REG NO	STUDENT NAME	03.05.2023	04.05.2023
			Signature of the students	
85	22EC087	SANDHIYA K	K. Sarath	K. Sarath
86	22EC088	SANJAY P	P. Sanjay	P. Sanjay
87	22EC089	SANJAYKUMAR S	S. Sanjay	S. Sanjay
88	22EC090	SANTHIYA K	K. Santhiya	K. Santhiya
89	22EC091	SANTHOSH N	N. Santhosh	N. Santhosh
90	22EC092	SARATHI R	R. Sarathi	AB
91	22EC093	SHEIK SHAHIR N	N. Sheik Shahir	Sheik Mahir
92	22EC094	SOWMIYA M	M. Sowmya	M. Sowmya
93	22EC095	SRI GOKULAPRIYAN D	D. Sri Gokul	D. Sri Gokul
94	22EC096	SRI SIVA SANGARI S	S. Sri Siva	S. Sri Siva
95	22EC097	SULTANA BEGAM M	M. Sultana Begam	M. Sultana
96	22EC098	SURENDRAN M	M. Surendran	M. Surendran
97	22EC099	SURYA K	K. Surya	AB
98	22EC100	SURYA S	S. Surya	AB
99	22EC101	SUSHMITHA M	M. Sushmitha	M. Sushmitha
100	22EC102	SWATHINI M	M. Swathini	M. Swathini
101	22EC103	VARSHA S S	S. Varsha	S. Varsha
102	22EC104	VENNILA V	V. Vennila	V. Vennila
103	22EC105	VIGNESH J	J. Vignesh	Vignesh J
104	22EC106	VIGNESHKUMAR P	P. Vignesh Kumar	Vignesh J
105	22EC107	VISHNU L	L. Vishnu	P. Vishnu
106	22EC108	VISWADHARINI N	N. Viswadhara	L. Vishnu
107	22EC109	VITHYA SREE K	K. Vithya	Vignesh J
108	22EC110	YOGASHREE S	S. Yogashree	H. Vignesh
109	22EC111	YUVAN SANKAR RAJA C	C. Yuvan Sankar	S. Yogashree
110	22EC112	YUVASRI G	G. Yuvasri	"SR"
111	22EC113	ANBU T K	K. Anbu	G. Yuvasri
112	22EC114	NITHYANANDHAM P	P. Nithyanandham	T.K. Anbu
113	22EC115	SUDHAKAR G	G. Sudhakar	P. Nithyanandham
114	22EC116	VISHNU V	V. Vishnu	G. Sudhakar
				AB

V. Pray 4/5/23  
EVENT COORDINATORS

S. Anilkumar  
100



PRINCIPAL  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.



# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638052 TAMILNADU

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DEPARTMENT OF ECE

INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)

**Hands on training on PCB designing**

Hands on training on PCB designing was organized on 03.05.2023 and 04.05.2023 from 09.30 am to 4.30 pm at NEC placement auditorium and Simulation lab for first year ECE students. The resource person for this event was Mr.Ramesh Duraisamy, Chief Technology Officer, Chip Crafts, Coimbatore, Tamilnadu was the resource person. A brief Introduction about PCB designing were delivered in the morning session.

### **Morning Session contents:**

Printed circuit board (PCB) design brings your electronic circuits to life in the physical form. Using PCB layout software, the PCB board design process combines component placement and routing to define electrical connectivity on a manufactured circuit board. Printed circuit board design begins with the creation of a conceptual block diagram. This block diagram is converted into a schematic design using a CAD software. A schematic is the representation of component symbols and net connections between them. Nets are the traces on the board. PCB design services are used to design the electronic circuits. Apart from electrically connecting, it also gives mechanical support to the electrical components. The PCB designs can be created both manually and automatically.

### **3 methods of PCB designing**

Step-1: Print from File to Film.





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Step-2: Patterning or Etching.

Step-3: Photoengraving.

## **Different Types of PCB:**

Single Sided PCB or Single Layer PCB. Double Sided PCB or Double Layer PCB. Multilayer PCB. Rigid PCB.

## **PCB Design Software**

- Ansys RedHawk.
- Altium CircuitMaker.
- Fusion 360.
- SOLIDWORKS.
- Autodesk EAGLE.
- NI Multisim.
- Altium enterprise solutions.
- EasyEDA.

The live hands on training with Altium CircuitMaker software was done in the remaining days

The students gained comprehensive knowledge on basic and fundamentals about PCB designing in Altium software, Schematic diagram, Layout design. It will help them to develop a new PCB board as own for any electronic circuits.



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## Step 2: Photo-copying.

### Different Types of PCB:

Single Sided PCB or Single Layer PCB, Double Sided PCB or Double Layer PCB, Multilayer PCB, Rigid PCB.


### PCB Design Software

- Altium Redhawk
- Altium CircuitMaker
- Eagle 9.6.0
- ORCAD PCBWORKS
- Autodesk EAGLE
- NI Multisim
- Altium enterprise solutions
- Cadsoft

The live hands on training with Altium CircuitMaker software was done in the remaining days.

The students gained comprehensive knowledge on basic and fundamentals about PCB designing in Altium software. Schematic diagram, Layout design. It will help them to develop a new PCB board or even for any electronic circuits.

  
A. Sathya  
Head, Coordination

  
B. S. Srinivasan  
(V. Incharge)

  
S. S. Srinivasan  
Head