

**MANDATORY DISCLOSURE**

1	<b>AICTE File No.</b>	<a href="#">F.No.Southern/1-43665503063/2024/EOA</a>
	Date& Period of last approval	08.05.2024 & 2024 -2025
2	<b>Name of the Institution</b>	<b>NATIONAL ENGINEERING COLLEGE (AUTONOMOUS)</b>
	Address of the Institution	K.R.NAGAR, KOVILPATTI-628 503, THOOTHUKUDI DISTRICT.
	City& Pin Code	KOVILPATTI-628503
	State/UT	TAMILNADU
	Phone number with STD code	04632-22502,230227
	Office hours at the Institution	9.00 a.m. to 5.30 p.m.
	Academic hours at the Institution	9.00 a.m. to 5.15 p.m.
	Email	<a href="mailto:principal@nec.edu.in">principal@nec.edu.in</a>
	Website	<a href="http://www.nec.edu.in">www.nec.edu.in</a>
	Nearest Railway Station(dist in Km)	KOVILPATTI (6kms.)
	Nearest Airport (dist in Km)	MADURAI (100 kms.) /Thoothukudi (65 kms)
3	<b>Type of Institution</b>	Private-Self-financed
	Category (1)of the Institution	Non-minority
	Category (2)of the Institution	Co-education
4	<b>Name of the organization running the Institution</b>	National Educational and Charitable Trust
	Type of the organization	Trust
	Address of the organization	111 & 112 Market Road Kovilpatti, Thoothukudi Dist. Tamilnadu State
	Registered with	Office of Registrar, North Madras
	Registration date	21.02.1984
5	<b>Name of Principal</b>	DR.K.KALIDASAMURUGAVEL
	Exact Designation	PRINCIPAL
	Phone number with STD code	04632 -222502, 230227
	Email	<a href="mailto:principal@nec.edu.in">principal@nec.edu.in</a>
	Highest Degree	Ph.D.
	Field of specialization	Solar Desalination
6	<b>Name of the affiliating University</b>	Anna University Chennai
	Address	Guindy, Chennai –600 025
	Website	<a href="http://www.annauniv.edu">www.annauniv.edu</a>
	Latest affiliation period	<a href="#">2024-2025</a>

## 7. Various Committees

### a) Grievance Redressal mechanism for faculty staff students

Online Grievance Redressal Mechanism is available (<https://nec.edu.in/>) and it is looked into by the Grievance Redressal Committee

### b) Establishment of Anti Ragging Committee

<https://nec.edu.in/ragging/>



# National Engineering College, K.R.Nagar, Kovilpatti - 628 503.

(An Autonomous Institution, Affiliated to Anna University, Chennai)



**SAY NO TO RAGGING**

**RAGGING IS A PUNISHABLE OFFENCE !  
DON'T INDULGE IN RAGGING**

Visit UGC Website  
[www.ugc.ac.in](http://www.ugc.ac.in) &  
To See  
UGC Anti-ragging  
Regulations  
[www.antiragging.in](http://www.antiragging.in)

UGC Anti - Ragging Helpline : 1800 - 180 - 5522 (24 x 7 Toll Free)  
or Send an e-mail to [helpline@antiragging.in](mailto:helpline@antiragging.in)

**JOIN HANDS TO MAKE YOUR CAMPUS RAGGING FREE**

**ANTI-RAGGING SQUAD**

S.No	Name	Position	Professional Designation	Contact No.	Email-id
1	Dr.K.Kalidasa Murugavel	Chairman	Principal	04632-227255	<a href="mailto:principal@nec.edu.in">principal@nec.edu.in</a>
2	Dr.S.Jyathiraja	Member	HOD (Mech)	9894019866	<a href="mailto:hodmech@nec.edu.in">hodmech@nec.edu.in</a>
3	Dr.K.G.Srinivasagan	Member	HOD (IT)	9442142562	<a href="mailto:hodit@nec.edu.in">hodit@nec.edu.in</a>
4	Dr.S.Dheenathayalan	Member	Associate Warden	9952020179	<a href="mailto:edhyalan@nec.edu.in">edhyalan@nec.edu.in</a>
5	Dr.R.V.Maheswari	Member	Associate Warden	9442964480	<a href="mailto:maheswari@nec.edu.in">maheswari@nec.edu.in</a>
6	Dr.R.Harichandran	Member	Asso.Prof./Mech	9844087728	<a href="mailto:hanchandra@nec.edu.in">hanchandra@nec.edu.in</a>
7	Dr.C.Balamurugan	Member	Asso.Prof./ECE	9952279078	<a href="mailto:cbala_m20@yahoo.com">cbala_m20@yahoo.com</a>
8	Dr.B.Vigneshwaran	Member	Asso.Prof./EEE	9894414572	<a href="mailto:vigneshwaran@nec.edu.in">vigneshwaran@nec.edu.in</a>
9	Dr.S.Geetha	Member	Asso.Prof./SAH	9940999848	<a href="mailto:geetha28@nec.edu.in">geetha28@nec.edu.in</a>
10	Ms.J.Kala	Member	Non-Teaching Faculty	8111065223	<a href="mailto:kala.sh@nec.edu.in">kala.sh@nec.edu.in</a>

**ANTI-RAGGING COMMITTEE**

S.No	Name	Position	Professional Designation	Contact No.	Email-id
1	Dr.K.Kalidasa Murugavel	Chairman	Principal	04632-227255	<a href="mailto:principal@nec.edu.in">principal@nec.edu.in</a>
2	Dr.M.A. Neelakantan	Member	HOD(S&H)	9442505839	<a href="mailto:hodsh@nec.edu.in">hodsh@nec.edu.in</a>
3	Dr.V.Gomathi	Member	HOD/CSE	8428884480	<a href="mailto:hodcse@nec.edu.in">hodcse@nec.edu.in</a>
4	Dr.S.Chithirakumar	Member	Associate Warden	9976905330	<a href="mailto:chithirakumar.sh@nec.edu.in">chithirakumar.sh@nec.edu.in</a>
5	M.M.Balamaheswari	Member	Associate Warden	9486640174	<a href="mailto:mbicivil@nec.edu.in">mbicivil@nec.edu.in</a>
6	Mr. D.Arul Samraj	Member	Sub Inspector	9498195739	<a href="mailto:divinesam239@gmail.com">divinesam239@gmail.com</a>
7	Mr.S.Nagarajan	Member	Special Thasildar	9994254029	<a href="mailto:nagarajansundarajan@gmail.com">nagarajansundarajan@gmail.com</a>
8	Mr.S.V.Sampathkumar	Member	Advocate	9443312951	<a href="mailto:svsampathk121@gmail.com">svsampathk121@gmail.com</a>
9	Mr.S.K.T.S.Tamilarasan	Member	Reporter	9443153260	<a href="mailto:tamilarasankvp@gmail.com">tamilarasankvp@gmail.com</a>
10	Ms.V.Vasanthalakshmi	Member	Psychologist	9894519376	<a href="mailto:vasanthhi@yahoo.com">vasanthhi@yahoo.com</a>
11	Dr.R.Saranya	Member	Doctor	8778406570	<a href="mailto:saranyasundaraj@gmail.com">saranyasundaraj@gmail.com</a>
12	Mr.S.Sivasankaranarayanan	Member	PTA (President)	8903423450	<a href="mailto:sss.narayanan.60@gmail.com">sss.narayanan.60@gmail.com</a>
13	Mr.R.S.Venkatesh	Member	Official of NGO	9894205207	<a href="mailto:venngcool.12@gmail.com">venngcool.12@gmail.com</a>
14	Mr.B.Muruganandam	Member	Representatives of Parents	9855521500	<a href="mailto:muruganandam090@gmail.com">muruganandam090@gmail.com</a>
15	Mr.S.Jai Sankar	Member	Representatives of Parents	9789598463	<a href="mailto:madesh09@gmail.com">madesh09@gmail.com</a>
16	Mr.S.K.Prem Arasu	Member	Representatives of Students	9487644833	<a href="mailto:2115019@nec.edu.in">2115019@nec.edu.in</a>
17	Ms.A.Harini	Member	Representatives of Students	9342446656	<a href="mailto:2113054@nec.edu.in">2113054@nec.edu.in</a>
18	Ms.N.Krishnaveni	Member	Representatives of Students	9677947509	<a href="mailto:2210013@nec.edu.in">2210013@nec.edu.in</a>
19	Mr.V.S. Manian	Member	Representatives of Students	8284904394	<a href="mailto:2217011@nec.edu.in">2217011@nec.edu.in</a>
20	Ms.M.Moniha	Member	Representatives of Students	9342768567	<a href="mailto:2312094@nec.edu.in">2312094@nec.edu.in</a>
21	Mr.J.Madesh	Member	Representatives of Students	9042476137	<a href="mailto:2316040@nec.edu.in">2316040@nec.edu.in</a>
22	Ms.S.Keerthika	Member	Representatives of Students (Fresher)	9361160842	<a href="mailto:24106092@nec.edu.in">24106092@nec.edu.in</a>
23	Ms.N.Avanthika	Member	Representatives of Students (Fresher)	9345295749	<a href="mailto:24205020@nec.edu.in">24205020@nec.edu.in</a>
24	Mr.C.Maharaja	Member	Representative of Non-Teaching	9566541198	<a href="mailto:cmrja@nec.edu.in">cmrja@nec.edu.in</a>

### c) Details of Grievance Redressal Committee OMBUDSMAN by the University:

**Dr. A. Rajadurai, Professor (Retired),**  
Department of Production Technology,  
Anna University MIT Campus,  
Chennai

as the Ombudsperson for a term of three years, effective from **January 22, 2024.**

Please reach out to the following email address and number for inquiries related to the Ombudsperson:  
Email ID --- [dsaannauniv@gmail.com](mailto:dsaannauniv@gmail.com)  
Landline number 044-22357081 / 22357078

### d) Establishment of Internal Committee(IC):

**Chairman** - Dr.V.Gomathi, Professor & Head/CSE,  
**Members**

1. Dr.R.V.Maheswari, Professor /EEE, &Associate warden NEC – Girls Hostel
2. Dr.S.T.Dheenathayalan, Asst.Professor(SG)/ CSE, & Associate warden, NEC- Boys Hostel,
3. Mrs.S.Sulochana, AP/ECE
4. Mrs.S.Bairavi, Non Teaching Faculty/ECE
5. Mr.S.Palraj , Non Teaching Faculty/Mech.
6. Mrs.S.Anbu Prasanna, Student / UG
7. Ms.P.Preetha, Student /PG
8. Mrs.C.Umarani, Student/ ResearchScholar,
9. Dr.V.Akilandeswari, Official - NGO

e) **Establishment of Committee for SC/ST:**

**CONVENER** Dr.C Chella Gifta, Asso.Prof/CIVIL

**MEMBERS**

Dr F Michael Thomas Rex Asso.Prof/MECH

Mr.M. Ashokpandiyan AP/CIVIL

Ms.S.Mugunthamala AP/ECE

Dr.E.Ramachandran AP (SG)/S&H

f) **Internal Quality Assurance Cell:**

<https://nec.edu.in/igac-about/>

**Coordinator** Dr.L.Kalaivani, Prof./EEE

**Co-Coordinator** Dr.R.Harichandran, Prof./Mech

Member Mr.R.Vignesh Kumar, AP(SG)/Mech

Member Dr.K.J.Prasanna Venkatesan, Asso. Prof./ECE

Member Dr.J.Ida Christy AP/CSE

Member Dr.M.Gengaraj, AP(SG)/EEE

Member Dr.S.Chidambaram, AP(SG)/IT

Member Mr.B.Gowtham, AP/Civil

Member Dr.S.Geetha, AP(SG)/S&H

Member Mr.S.Prabhakaran, HR Manager

g) **Equal Opportunity facilities Cell:**

**CHAIR PERSON** Dr. K. Kalidasa Murugavel, Principal

**CONVENER** Dr. J. Naskath, Asso.Prof/CSE

**Members**

Mr. S Cammillus AP (SG)/CSE

Mr.S.Kannan AP/CIVIL

Ms.R.Suguna AP/IT

**8. Programmes:**

**Programmes Approved by AICTE and Affiliated by Anna University:**

S.No	Degree	Branch	Year of Starting	Duration	Intake (2024-2025)
1	B.E	Mechanical Engineering	1984	4 Years	60
2	B.E	Electronics & Communication Engineering	1984	4 Years	120
3	B.E	Computer Science and Engineering	1984	4 Years	120
4	B.E	Electrical and Electronics Engineering	1994	4 Years	60
5	B.E	Civil Engineering	2012	4 Years	60
6	B.Tech	Information Technology	2001	4 Years	60
7	B.Tech	Artificial Intelligence (AI) and Data Science	2022	4 Years	60
8	M.E	Computer Science and Engineering	2001	2 Years	12
9	M.E	High Voltage Engineering	2005	2 Years	6
10	M.E	Embedded System Technologies	2012	2 Years	12
11	M.Tech	Information Technology (Information and cyber warfare)	2017	2 Years	6

**Name of the Course Accredited By the NBA:**

1	Name of the Courses Accredited	B.E-Computer Science and Engineering B.E-Electronics and Communication Engineering B.E-Electrical and Electronics Engineering B.E-Mechanical Engineering B.Tech-Information Technology
2	Applied for Accreditation	B.E-Civil Engineering
	A.Applied but Visit not happened	B.E-Civil Engineering
	B.Visit happened but result awaited	NIL
3	List of courses Not Applied	B.Tech- Artificial Intelligence and Data Science M.E-Computer Science and Engineering M.E-High Voltage Engineering M.E-Embedded System Technologies M.Tech-Information Technology(Information and cyber warfare)

**NBA Accreditation:**

Sl. No.	Name of the Course	Duration
1.	Electronics and Communication Engineering	03.01.2025-30.06.2026
2.	Mechanical Engineering	01.08.2025-30.06.2028
3.	Computer Science and Engineering	01.08.2025-30.06.2028
4.	Electrical and Electronics Engineering	01.08.2025-30.06.2028
5.	Information Technology	01.08.2025-30.06.2028

**NAAC Accreditation:**

NAAC Accreditation	07.06.2022 – 06.06.2027	A Grade
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**NIRF Ranking:**

NIRF Ranking	2024	151-200
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## 9. FACULTY STRENGTH:

### DEPARTMENT WISE TEACHING FACULTY-DETAILED

S.No	Department	Available Staff Members
1	Mechanical Engineering	15
2	Electronics& Communication Engineering	28
3	Computer Science &Engineering	25
4	Electrical & Electronics Engineering	16
5	Information Technology	14
6	Civil Engineering	13
7	Artificial Intelligence (AI) and Data Science	9
8	Science and Humanities &General Engineering	30
<b>Total</b>		<b>150</b>

Name of Head of the Institution:			
Dr. K KALIDASA MURUGAVEL			
Designation	PRINCIPAL		
Date of Birth	15.05.1962		
AICTE FACULTY ID	1-455141997		
ANNA UNIVERSITY ID	306853		
Qualification	UG	PG	Ph.D.
	Mechanical Engineering	Thermal Engineering	Mechanical Engineering- SOLAR ENERGY
Total Experience in Years	Teaching	Research	Industry
	39	21	NA
Papers published	National		International
	-		37

Name of the Department		Artificial Intelligence and Data Science			
Level of Course		UG			
1st Year of approval by the Council		2022			
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022	
	60	60	60	-	
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022	
	61	66= 62+ 4(LE)	67= 62+5(LE)	-	
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022	
	Lowest Cut Off = 115 Highest Cut Off = 190	Lowest Cut Off = 107.5 Highest Cut Off = 191.5	Lowest Cut Off = 100 Highest Cut Off = 193.5	-	
No. of Students passed with Distinction	2024-2025	2023-2024	2022-2023	2021-2022	
	NA	NA	NA	-	
No. of Students passed with First Class	2024-2025	2023-2024	2022-2023	2021-2022	
	NA	NA	NA	-	
Students Placed	2024-2025	2023-2024	2022-2023	2021-2022	
	NA	NA	NA	-	
Average Pay package, Rs./Year	2024-2025	2023-2024	2022-2023	2021-2022	
	NA	NA	NA	-	
Students opted for Higher Studies	2024-2025	2023-2024	2022-2023	2021-2022	
	NA	NA	NA	-	
Accreditation Status of the course			Nil		
Doctoral Courses			Nil		
Foreign Collaborations, if any			Nil		
Professional Society Memberships			Nil		
Professional activities: Nil					
Consultancy activities					
Grants fetched from various organizations with name of the agency and amount:					
Title of the Project/ Activity		Sanctioned Agency	Amount	Duration	Status
Development of AI based projects for real time applications		Vlinder Labs Pvt Ltd, Bangalore.	1,50,000	Sep 2024 – Mar 2025	Under Progress
Departmental Achievements: NEW GEN IEDC/TNSCST/IE					
Student Project Achievements					

Criteria	Year	Student Name	Project Title	Funding Agency
NEW GEN IEDC	2024	Viknesh .T. P. K –2217022 Umesh Ramanathan –2217023 Vignesh. E –2217033 Ashwath Kumar .A- 2217002	Advance Handwriting Machine	NEW GEN IEDC
		J.Jeyapriya - 2217039 R.Sahana- 2217057 W.Jothi Keerthana - 2217058	Eye monitoring system	
Waste to Wealth	2024-2025	S.Rohan(2217061) S.Muthukumar(2217041) M.Jeya Kumar(2217035)	Converting Fish Market Waste into High-Quality Fertilizer	K.R.Innovation Center
		M.Jeya Kumar(2217035) P.A.Shriram(2217038) S.Kathiravan(2217043)	AI-Driven Copper Classification from waste using Convolution Neural networks	
		S.Muthukumar(2217041) R.S.Pulan Naresh Kumar(2217401) R.Arun Gopal(2217402)	Noise Absorbing Composite Materials Using Agro Waste Products	
		R.Sriram(2217051) P.Lawanya(2217037) S.Naveena(2217045)	Pyrolysis for Bioresource Conversion	

#### DETAILS OF MOUs SIGNED

S. No	MoU Title	Name of the Industry	Contact No of Industry	Email id of Industry	Validity
1	NEC-Lyanaa Industry-Institute collaboration	M/s. Lyanaa AI Pvt., Ltd, Trichy	9677225367	contact@lyanaa.com	3 years
2	NEC-Vlinder Industry-Institute collaboration	M/s.Vlinder Labs Pvt., Ltd, Bangalore	9994917794	info@vlinder.io	6 months

#### Patent Details:

S. No.	Patent Title, Application No. and Filed Date	Inventor	Status
-	Nil	Nil	Nil

Name of the Department		CIVIL ENGINEERING		
Level of Course		B.E		
1st Year of approval by the Council2012				
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022
	60	60	60	60
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022
	57	57	56	46
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022
	HIGHEST – 181.5 LOWEST- 105.5	HIGHEST -188.5 LOWEST- 105.5	HIGHEST -187.5 LOWEST-85.5	HIGHEST -186 LOWEST-132
No. of Students passed with Distinction	2024-2025	2023-2024	2022-2023	2021-2022
	14	13	17	12
No. of Students passed with First Class	2024-2025	2023-2024	2022-2023	2021-2022
	43	41	45	45
Students Placed	2024-2025	2023-2024	2022-2023	2021-2022
	38	44	43	41
Average Pay package, Rs./Year	2024-2025	2023-2024	2022-2023	2021-2022
	2.2 LPA	2.2 LPA	3.34 LPA	2.75 LPA
Students opted for Higher Studies	2024-2025	2023-2024	2022-2023	2021-2022
	5	5	7	6
Accreditation Status of the course				
Doctoral Courses			Yes	
Foreign Collaborations, if any				
Professional Society Memberships				
Professional activities:				
	Consultancy activities			
	Grants fetched from various organizations with name of the agency and amount:			

<b>Title of the Project/ Activity</b>	<b>Sanctioned Agency</b>	<b>Amount</b>	<b>Duration</b>	<b>Status</b>
Vetting of Construction of Bridge across Arumugamangalam tank supply channel along 0/0 of Arumugamangalam Shanmugapuram Road at Arumugamangalam Panchayat in Srivaikundam Block at Thoothukudi Dist.	Rural development and panchayt raj	60,000 Dated: 11.11.2024	28.06.2024 to 12.11.2024	COMPLETED
Vetting of Construction of Bridge across Kallaru River along Vadakku Kalmedu Panchayat in Ottapidaram Block at Thoothukudi Dist. Date: 28.06.2024 to 12.11.2024	Rural development and panchayt raj	1,00,000 Dated: 11.11.2024	Date: 28.06.2024 to 12.11.2024	COMPLETED
Vetting of Construction of Bridge across T.Puthupatti surplus along T.Puthupatti Chinnaiyapuram at Thalakkattupuram in Vilathikulam Block at Thoothukudi Dist. Date: 28.06.2024 to 12.11.2024	Rural development and panchayt raj	1,00,000 Dated: 11.11.2024	Date: 28.06.2024 to 12.11.2024	COMPLETED
Vetting of Construction of Bridge across Santhanakkatti Odai along km ¼ of Savalaperi to Ulakudi Road at Alanda Panchayat in Karungulam block at Thoothukudi District.	Rural development and panchayt raj	40000 Dated: 11.11.2024	Date: 28.06.2024 to 12.11.2024	COMPLETED
Vetting of Construction of Bridge across Koovaikinaru Odai at CH 500 of Komaneri Road at Komaneri Panchayat in Sathankulam Block Thoothukudi Dist.	Rural development and panchayt raj	60000 Dated: 11.11.2024	Date: 28.06.2024 to 12.11.2024	COMPLETED
Vetting of Construction of Bridge across Pottallurani supply channel along Perurani Melathattaparai Road km 0/4 at Thimmarajapuram Panchayat in Thoothukudi Dist	Rural development and panchayt raj	140000 Dated: 11.11.2024	Date: 28.06.2024 to 12.11.2024	COMPLETED
Structural Quality Assessment of Steel Bars, for Construction of Multi-Specialty Hospital for Dr.S.Abinaya Narayanan MBBS., MS (OBG)., F.MAS, D.MAS, DRM (UKSH.GERMANY), Fellowship in ART at Kadayanallur.	Rural development and panchayt raj	5000 Dated: 28.08.2024	Date: 21.08.2024 – 28.08.2024	COMPLETED

Re-vetting of Construction of Bridge across T.Puthupatti surplus along T.Puthupatti Chinnaiyapuram at Thalakkattapuram in Vilathikulam Block at Thoothukudi Dist.	Rural development and panchayt raj	25000 Dated: 07.12.2024	Date: 28.06.2024 to 09.12.2024	COMPLETED
Re-vetting of Construction of Bridge across Arumugamangalam tank supply channel along 0/0 of Arumugamangalam Shanmugapuram Road at Arumugamangalam Panchayat in Srivaikundam Block at Thoothukudi Dist	Rural development and panchayt raj	25000 Dated: 07.12.2024	Date: 28.06.2024 to 09.12.2024	COMPLETED
Standard Penetration Test	Rural development and panchayt raj	36000	03.01.2025 to 07.01.2025	COMPLETED
Standard Penetration Test	Rural development and panchayt raj	45000	09.01.2025 to 17.01.2025	COMPLETED
Standard Penetration Test	Rural development and panchayt raj	42000	24.01.2025 to 30.01.2025	COMPLETED
Re-vetting Report on Structural Design and Drawing - Construction of Bridge across Ammalpatti Odai at 0/4 of Ammalpatti to Therukumailoadai Road Bridge work taken up in Kalappaipatti Panchayat at Ottapidaram Block in thoothukudi district.	Rural development and panchayt raj	25000 Dated:25.02.2025	Date: 28.06.2024 to 25.02.2025	COMPLETED
Structural design vetting for Proposed Construction of Bridge across Kurinchan Odai at Km 2/600 of Perurani to Melathattaparai Road Km 0/0/-5/0 in Melathattaparai Panchayat, Thoothukudi block 08.11.2023 to 15.11.2023	Rural development and panchayt raj	Rs. 80,000 (15.11.2023)	08.11.2023 to 15.11.2023	COMPLETED
Structural design vetting for Proposed Construction of Bridge across South Main Channel at Km 0/800 of TB to Angamangalam Road in Puraiyur	Rural development and panchayt raj	40000 (15.11.2023)	09.11.2023 to 15.11.2023	COMPLETED

Panchayat. 09.11.2023 to 15.11.2023				
Structural Design vetting for the Proposed Construction of Bridge across Uppodai Branch Channel along Madurai Kanyakumari Road to Nagampatti Road (KM 0/6 to 0/8) in Savalaperi Panchayat. 09.11.2023 to 15.11.2023	Rural development and panchayat raj	Rs. 80,000 (15.11.2023)	09.11.2023 to 15.11.2023	COMPLETED
Structural Design vetting for the Proposed Construction of Bridge across Uppodai Branch Channel along Madurai Kanyakumari Road to Nagampatti Road (KM 1/2 to 1/4) in Savalaperi Panchayat. 08.11.2023 to 15.11.2023	Rural development and panchayat raj	Rs. 80,000 (15.11.2023)	08.11.2023 to 15.11.2023	COMPLETED
Structural Design vetting for the Proposed Construction of Bridge across Ammalpatti Odai at 0/4 of Ammalpatti to Therkumailodai Road in Kalappaipatti Panchayat 14.11.2023 to 15.11.2023	Rural development and panchayat raj	Rs. 80,000 (15.11.2023)	14.11.2023 to 15.11.2023	COMPLETED
Structural Design vetting for the Proposed Construction of Bridge across T.Puthupatti Tank Surplus Course Channel along Thalaikattupuram to Thangammalpuram Road in Thalaikattupuram Panchayat	Rural development and panchayat raj	Rs. 80,000 (15.11.2023)	14.11.2023 to 15.11.2023	COMPLETED
Standard Penetration Test - Soil Site Investigation work in Marthadampaati Village near Vilathikulam. (Upcoming)	Rural development and panchayat raj	Rs.42,000 (22.01.2024)	(22.01.2024)	COMPLETED
Standard Penetration Test - Soil Site Investigation work in Mudukkalankulam Village. (23.08.23 to 01.09.2023)	Rural development and panchayat raj	Rs 27,000 (22.08.2023)	(23.08.23 to 01.09.2023)	COMPLETED
Standard Penetration Test - Soil Site Investigation work in Akilandapuram Village near Kayathaar. (18.11.2023 to 27.11.2023)	Rural development and panchayat raj	Rs 35,000 (16.11.2023)	(18.11.2023 to 27.11.2023)	COMPLETED

	Standard Penetration Test - Soil Site Investigation work in Pudur Village near Vilathikulam (15.12.2023 to 08.01.2024)	Rural development and panchayt raj	Rs 42,000 (13.12.2023)	(15.12.2023 to 08.01.2024)	COMPLETED
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<b>Departmental Achievements:</b> NEW GEN IEDC/TNSCST/IE				
<b>Student Project Achievements</b>				
Criteria	Year	Student Name	Project Title	Funding Agency
4	2024-2025	Padmashri Soma sandhya Yamini Srinithi Akshaya Mahalakshmi Yuvasri	Development of a Novel supplementary Cementitious material using fallen tree leaves ash	New Gen IEDC (Rs. 15000)
		Arumuga prabhu Soorya Sudhan Kanagavel	Sustainable Geopolymer Concrete block using Construction demolition waste	New Gen IEDC (Rs. 15000)

<b>DETAILS OF MOUs SIGNED</b>					
S. No	MoU Title	Name of the Industry	Contact No of Industry	Email id of Industry	Validity
1	Collaboration with Institute for Institutional	National Highway Authority of India (NHAI)	+91 452 2587750	nhairomadurai@gmail.com	5 Years (Signed on 27.08.2020)

	Social Responsibility				
2	Coordination and cooperation in student education enhancement and workers training	Maxval Technologies Private Limited, Navi Mumbai.	8778589986	anuradha@maxval.net	Effective from 19.10.2024

**Patent Details:**

S. No.	Patent Title, Application No. and Filed Date	Inventor	Status
1	A METHOD FOR REMOVING DYES FROM EFFLUENT / Patent No 555968 /Date of filing of Application : 08.06.2022	Anitha B Gowtham B	Granted
2	Spanner with key holes/ Design No 400999 -001 /Date of filing of Application : 30.11.2023	Dr.V.Kannan	Granted
3	Blocks without cement for paving Applications/ Patent No 509194 /Date of filing of Application : 24.12.2021	M.Franchis David S.Sebastin	Granted
4	Blocks without natural sand for construction-based applications / Patent No 202441000011 A/ Date of filing of Application : 01.01.2024	M. Balamaheswari	Granted
5	DEVELOPMENT OF LIGHT WEIGHT POLYSTYRENE CONCRETE WITH FIBERS/ Application No.202421030017 A/ Date of filing of	Dr. C. Chella Gifta	Granted

	Application :13/04/2024		
6	Solar Radiation Measuring  Instrument/Patent No 372618-001 /Date of filing of Application : 15.10.2022	Dr.V.Kannan	Published
7	A NEW PLUMB BOB TO MEASURE THE VERTICALITY IN CURVED STRUCTURES (CONCAVE SIDE) DURING THE CONSTRUCTION PROCESS/  Patent No 555968 202241067476 A / Date of filing of Application : 24.11.2022	1)Dr.V.Kannan 2)P.Raja priya	Granted
8	Development of microbes based waste water treatment device /Patent No 202241035566 /Date of filing of Application : 08.06.2022	Anitha B Gowtham B	Published

**Distinguished Alumni:**

S.No .	Name of contact person	Designation	Institution	Email ID	Mobile No.
1.	Chandrasekar KSK	Deputy Manager	Tata projects - sipcot -tirunelveli	chandrucivil2894@gmail.com	7356083047
2.	Rama Sindhia	Assistant Engineer	Project planning and design division	ramasindhia@gmail.com	9597135053

				Tiruneveli, Subdivision II		
3.	Veeraprasanth Nadarajan	Surveyor	Government of Tamilnadu - Kaithar	prakashveera22 @gmail.com	9944378115	
4.	Thalavai Ragavan	Junior Engineer	Southern railways	thalavairagavan @gmail.com	8778246472	
5.	Ajith Babu	Junior Engineer	Galfar engineering & contracting w.l.l emirates	ajitbbu95@gma il.com	9444990761	
6.	Kavya V R	Pmu State Coordinator	Ministry of Social Justice and Empowerment	kavyavravi@g mail.com	7598285400	
7.	Karthick J	Engineer	V construct , pune	karthick.j.necci vil2013@gmail. com	9677384222	
8.	Muthumari R	Assistant Engineering Manager	L&t construction, chennai	rmuthumari249 @gmail.com	7013621812	
9.	Ranjit Raj N	Engineer - Civil And Structural	Avant Garde Systems and Controls Pvt Ltd, Chennai, Tamilnadu	ranjitrrj5@gmail .com	9003860377	
10.	Nishanthi P	Associate Engineer	JGC-India, chennai, Tamilnadu	nishanthicivilen gineer@gmail.c om	8903851067	
11.	Suresh E	Senior Cad Designer -1	Rebar design and details pvt ltd, Trichy, Tamilnadu	Suresh146046 @gmail.com	9095023232	

	12.	Vimal A	Engineer	Eversendai construction pvt. Ltd., chennai, Tamilnadu.	Vimalarumuga m97@gmail.co m	9597670239
	13.	Kathirvel M	Manager	Bdreamz global solutions Pvt Ltd, Chennai	kvel4454@gma il.com	7538822724
	14.	Banupriya M	Assistant Engineer	Assistant Engineer, water Resource Department, planning and Design subdivision, Tuticori n	banupriyaa1997 @gmail.com	9942177928

## Department of Computer Science and Engineering

Name of the Department		Computer Science and Engineering			
Level of Course		B.E			
1st Year of approval by the Council		1984			
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022	
	120	120	120	120	
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022	
	134	128	119	126	
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022	
	116.5 - 191	108.5 -199.5	107 - 197.5	138.12 – 191.415	
No. of Students passed with Distinction	2024-2025	2023-2024	2022-2023	2021-2022	
	22	49	32	37	
No. of Students passed with First Class	2024-2025	2023-2024	2022-2023	2021-2022	
	90	69	88	75	
Students Placed	2024-2025	2023-2024	2022-2023	2021-2022	
	102	115	103	101	
Average Pay package, Rs./Year	2024-2025	2023-2024	2022-2023	2021-2022	
	Rs. 5,89,000	Rs. 5,46,700	Rs.4,69,000	Rs. 4,50,000	
Students opted for Higher Studies	2024-2025	2023-2024	2022-2023	2021-2022	
	6	1	7	6	
Accreditation Status of the course	Accredited by NBA Tier I				
Doctoral Courses	Yes				
Foreign Collaborations, if any	HIF Analytics, USA				
Professional Society Memberships	IEEE CS				
Professional activities:					
<ul style="list-style-type: none"><li>● CSE Association has organized a HITECH –Intra College Symposium.</li><li>● CSE Association has organized a YAKSHA –Inter College Symposium.</li><li>● IEEE Computer Society, USA sponsored National level virtual project exhibition 2021 PROEXPO'21 on 18.12.2021 organized by IEEE Computer Society Student Branch Chapter. The sanctioned amount for the programme is: \$197.</li><li>● IEEE Students Branch sponsored faculty development programme on, “IoT for Health Care applications”, during 5th August 2021 to 7th August 2021. The sanctioned amount for the programme is Rs.12,000/-</li><li>● IEEE Madras Section Sponsored “Two Day National Level Workshop On Data Science Using Python” on 29.01.2021 &amp; 30.01.2021. Organized by IEEE CS Students Branch. Sanctioned Amount: Rs.10,000/-</li><li>● AICTE sponsored National Online Conference on “Data Science and Intelligent Information Technology”, during 14th and 15th May 2021</li><li>● AICTE sponsored ATAL faculty development programme on,” Predictive Intelligence</li></ul>					

Models and its Applications”, during 12th July 2021 to 16th July 2021. The sanctioned amount for the programme is Rs.93,000/-.

- Dr.V.Gomathi Prof. & Head/CSE, Dr.M.Jayalakshmi Asso Prof/CSE and Ms.I.MuthuSelvi AP/CSE coordinated the IEEE Computer Society, USA sponsored National level virtual project exhibition 2021 PROEXPO'21 on 18.12.2021 organized by IEEE Computer Society Student Branch Chapter The sanctioned amount for the programme is : \$197. Totally 54 Batches of students participated in the event.
- Dr.J.Naskath, AP(SG)/CSE coordinated the IEEE Students Branch sponsored faculty development programme on, “IoT for Health Care applications” , during 5th August 2021 to 7th August 2021. The sanctioned amount for the programme is Rs.12,000/- Totally 32 participants attended the programme and get benefitted.
- Our College organized IEEE International Conference on “Emerging Technologies and Applications for a Smart and Sustainable World (ICEmTASS'21)” during 16.12.2021 – 18.12.2021. CSE department faculty members take role in various committees.
- A TWO-DAY national level technical symposium “COMPONEC'22” organized by the Department of Computer Science and Engineering at National Engineering College on 13.06.2022 and 14.06.2022. Over 230 students from different parts of the country participated. On the second day (14.06.2022), workshop on Augmented and Virtual Reality was held for the student participants. Students presented their research papers on various topics. Also various technical events were held for the students. Mr.G.Ulaganathan, Managing Director of Integrated Projects Consulting Services and an alumnus of the college presided over as chief guest.
- The inaugural function for CSE Association (2022-23) was held on 27.08.2022. The chief guest Mr.Manikanda Raman Viswanathan, Director, Digital Modernization Leader Global Delivery Lead & Chief Architect, Cognizant Technology Solutions, Chennai delivered the inaugural address.
- NBA Expert team visited our college from 28.10.2022 to 30.10.2022 for accreditation and also our department got 3 years of accreditation.
- A National level technical symposium “HitechFest 2k22” organized by the Department of Computer Science and Engineering at National Engineering College on 18.11.2022.
- On 04.02.2023 Alumni interaction with CSE students regarding Career Guidance for placement M.Yasmine Fathima, Alumni 2020 – CSE working as Software Associate in CTS, Chennai. Mr. R.Vigneshwaran, Alumni 2020 – CSE working as a Team Leader in Centizen, interacted with second year CSE students regarding recent trends and technologies in IT industry..
- On 09.02.2023, Ms. Subalaksmi, Alumni 2022 – CSE working in VVDN Pollachi addressed third year students at seminar hall, CSE.
- On 11.02.2023, Mr. N.V Anton Francis Jeejo, Alumni 2021 – CSE, addressing third year students on full stack development and Mr.V.M. Ranjith Kumar Alumni 2021 – CSE, Co founder Techeey addressing third year students regarding Designing Web App at CSE Seminar hall.
- Dr. V. Gomathi, Prof & Head / CSE acted as resource person and gave an introductory session about “OBE and its implementation in NEC” for newly joined faculty members on 17.02.2023 at APJ lab, Department of Computer Science and Engineering.
- On 24.02.2023, Dr.S.Dheenathayalan, AP(SG)/CSE, acted as Resource person for IIT Bombay Spoken Tutorial FOSS Workshops on Python.
- On 12.03.2023, Kalvithanthai Thiru.K.Ramasamy 4th Memorial online Lecture on

“Empowering Students through Industry – Academia Collaborations” by Mr.Madhu Kumar Distinguished Alumnus (CSE 1984 – 88 Batch), Founder & CEO, Amadis Technologies Inc., Princeton, New Jersey, USA.

- A National Level Technical Symposium – “COMPONEC’23” held on 23.03.2023 & 24.03.2023.
- A Technical Workshop on “Python for Data Science” conducted by Dr.G.Sivakamasundari, AP(SG)/CSE on 23.03.2023 organized by CSE Association.
- Mr. Karukovelraja Thangamariappan, Director – Training & Special Projects, INOAUG, Alumni 2014 - EEE, gave an Introductory session about Oracle Apex Training for second year CSE students on 25.03.2023 at CSE Seminar hall.
- A Value added course on “Exploring Virtual Reality for Beginners” was coordinated by Ms.R.Navedha Evanjalini, AP/CSE and Mr.J.Karthikeyan, AP/CSE exclusively for II Year Students of our college. Totally 16 Students from the department of CSE, EEE and ECE participated and successfully completed the value added course on every Wednesdays and Saturdays from January 2023 to April 2023.
- Two days Instructional Course on “Stochastic Approximation Algorithms” which is financially and technically sponsored by Indian Association for Research in Computing Science (IARCS), Bangalore on 27.04.2023 & 28.04.2023.
- Inauguration function for “Industrial Oriented Course on Oracle Technologies” jointly organized by department of CSE and IT at Assembly Hall, NEC on 27.05.2023. Organizers Mr.Varghese Mathew, Director – Overseas & Placement, INOAUG & Mr. Karkuvelraja Thangamariappan, Director – Training & Special Projects, INOAUG Alumni 2014 – EEE.
- III year CSE students attended Oracle SQL Training program organized by Mr.Varughese Mathew, Director – Overseas & Placement, INOAUG and Mr. Karkuvelraja Thangamariappan, Director – Training & Special Projects, INOAUG (Alumni 2014 – EEE) on 10.06.2023.
- Mr. S.Infant Anto Edin, Alumni 2020 - CSE, TCS Chennai interacting with final year students regarding placement preparedness and how to face the interview and third year students regarding placement awareness and tips to solve problems and contests for companies on 15.06.2023.
- On 17.06.2023, Mr. Muralidharan Rajasekhar, our Alumnus and Founder of Connect Training Solutions interacting the final year students regarding the soft skills for placement.
- On 24.06.2023, IEEE Computer Society Student’s Chapter organized Inaugural function on “Emerging Technologies on Web 5.0” in the Assembly hall, NEC.
- On 24.06.2023, Mr.V.Manikandaraman adjunct faculty session on value added course AI & ML @ Cisco lab to third year Students.
- On 24.06.2023, Dr. Surrendran handled a session for CSE faculties about Tools for research.
- On 30.06.2023, S.Akilesh (Alumni 2017 –CSE), Cloud support Engineer, Amazon Web services, Ireland is interacting with third and final year students regarding placement in product oriented companies and gave them tips to solve problems and contests.
- On 01.07.2023, Mr. R. Pugazhenthir, Delivery Partner, Cognizant, Chennai (Alumni – 1994 CSE Batch) acted as the Chief Guest for the Inaugural function of CSI Students Branch and CSE Association at Assembly Hall.
- On 01.07.2023, Dr. R.Balasubramanian, Boycast Fellow, Professor, Department of CSE, IIT Roorkee acted as the resource person and delivered the guest lecture on “Nuances of Exploring Data Structures”.
- On 01.07.23 Dr.K.Mohaideen Pitchai, Professor / CSE handled the value added course Cisco

#### NDG Linux Essentials.

- On 08.07.23, Mr. V. Manikandaraman, Adjunct Faculty / CSE, has conducted a Value Added Course on “Supervised Machine Learning Techniques – A Practical Workflow” at Cisco lab for III Year CSE students.
- On 15.07.23, Mr. V. Manikandaraman, Adjunct Faculty / CSE, has conducted a Value Added Course on “Supervised Machine Learning Techniques – A Practical Workflow” for III Year CSE students.
- On 15.07.23, Oracle SQL Training & Certification Program was completed successfully and Assessment was conducted for students in ICL lab.
- On 22.07.23, NEC Alumni Association organizes a webinar on “Future of Robotics” conducted by Mr. S. Raja Alagappan (EEE- 2012 Batch), Director - Digital & Cloud Services, Capgemini.
- On 22.07.23, Mr. V. Manikandaraman, Adjunct Faculty / CSE, has conducted a Value Added Course Dr. V. Gomathi, Prof & Head/CSE and Dr. R. Rajakumari, AP(SG)/CSE organized a physical mode six days faculty development training programme on " CS3501- Compiler Design " ,sponsored by centre for faculty and professional development, Anna University Chennai with Rs. 35,000/-. Totally, 53 members registered for the programme and 41 participants attended the programme successfully. on “Supervised Machine Learning Techniques – A Practical Workflow” for III Year CSE students.
- On 19.08.2023, Mr.D.Vijayakumar, Assistant Professor(Senior Grade)/CSE, acted as a resource person for the Value added course “Amazon Web Services for Beginners” for second year CSE students.
- On 19.08.2023, Mr.V.Manikandaraman, Adjunct Faculty/CSE, acted as a resource person for the Value added course “Supervised Machine Learning Techniques – A Practical Workflow”.
- On 02.09.2023, Ms.D.Abisha, Assistant Professor/CSE, acted as a resource person for the Value added course “Amazon Web Services for Beginners” for second year CSE students.
- On 02.09.2023, Ms.R.Vazhan Arul Santhiya, Assistant Professor/CSE, acted as a resource person for the Value added course “Innovation in UI UX using Figma” for second year CSE students.
- On 02.09.2023, Mr.J.Karthikeyan, Assistant Professor/CSE, acted as a resource person for the Value added course “Block Chain & Smart Security”.
- On 24/02/24, webinar on "Machine learning carrier insights" was conducted by our Alumni Asick Ahamed.K to II Year CSE students. The resource person has chosen three students Sarika, Arul and Sounder Raj as interactive students. One student awarded with the Amazon voucher by alumni association, the amount has been given by the alumni for the remaining two students Rs.500 each.
- Faculty expertise Lecture on "Foundations of Data Science" was delivered by Ms.Navedha Evanjalini R, Assistant Professor/CSE, from ARVR Focus group on 16/03/2024.
- On 19/03/24, Placement Training session for our III Year CSE students on the topic Resume preparation organized by Mr.R.Muralidharan, CONNECT Training Solutions (P) Ltd,Alumni - 2012 ECE.
- On 24/08/2024, Inaugural function of CSE Association and IT Club was organized at CSE Seminar Hall by Mrs.P.Mohana Krishnaveni, (CSE Alumni-1999 Batch), Technology Education Manager, Accenture, Chennai
- On 28/09/2024, Mr.S.Vignesh Kandasamy, our adjunct faculty addressed the I CSE students related to entrepreneurship along with interaction.

- On 2.11.2024, the CSE Association organized a webinar on Low Code/No Code Technologies, presented by Mr. Balamurugan Sankaran (Alumni 2011-2015), Founder & CEO of AceGrowthX, from 11:00 AM to 12:00 PM.
- On 28.12.2024, CSI Students Branch organized “Visualize to Realize”, A workshop introducing participants to a cutting-edge visualization tool, focusing on its principles, practical applications, and the role it plays in turning complex data into intuitive and actionable insights across diverse domains.
- Organized TNSCST sponsored Two days workshop on Digital Horizons through IoT Education for rural students on 03.01.2025 and 04.01.2025.
- On 04.01.2025, NEC IT club organized Mini Hackathon in association with Hawky, Vlinder, Signzy and Mistral.
- On 25.01.2025, CSI Students Branch organized “Tech Mystique” competition for students.
- On 01.02.2025, IEEE Computer Science Student branch organized Navigating tour career path: insights from experience.
- On 08.02.2025, “CODEXTREME” –A Programming Battle on Code Concepts organized by CSE Association.
- On 08.02.2025, IEEE CS organized a Workshop on “Explore Tools; Career Paths in security”.
- On 15.02.2025, an industry expert interaction on “Key criteria for selecting the right block chain platform by Mr.R.Jeevan Siddarth, Software Engineer, Vlinder Labs Inc.
- On 15.02.2025, Computer Society of India Students' branch organized "SQL Arena", a database mastery challenge
- On 01.03.2025, CSE Association organized Creative clash.

### Consultancy activities

Grants fetched from various organizations with name of the agency and amount:

Title of the Project/ Activity	Sanctioned Agency	Amount	Duration	Status
Development of a Customer Feedback Mobile Application	Siva Gums, Kovilpatti	Rs. 28,500.00	(2024- 2025) 3 months	Ongoing
Consultancy Services in the area of Blockchain Technology	Vlinder Labs Pvt.,Ltd., Bengaluru, Karnataka 560102	Rs.5,29,200/ -	(2024- 2025) 6 Months	Ongoing
Design and Development of Virtual Assistant with AI/ML and AR Tools, deployed onboard ships/submarines to support maintenance crew for Radar System	TRYCAE Industrial Engineering Pvt. Ltd, K.K Nagar, Trichy	Rs.3,50,00/-	(2023- 2024) 1 year	Ongoing

**Departmental Achievements:**  
NEW GEN IEDC/TNSCST/IE

Student Project Achievements				
Criteria	Year	Student Name	Project Title	Funding Agency
IE(I)	2024-2025	Ms.S.Kirthana, Ms.S.Akshaya, Ms.U.Priyadharshini	Design and implementation of Blockchain Enabled Open Source Virtual Ballot Box	IE(I), Kolkatta
IEEE	2023-2024	Mr. B. Abhishek, Mr.M.Anand, Mr.V.Tuffy, Mr.I.Sundharesan, Mr.A.Dinesh Kumar, Mr.S.Ganesh Prabhakaran	Enhancing Security at Harbour Entrances with an Advanced E-Gate System	IEEE ADSF SIGHT
IE(I)	2021-2022	Mr.K.Suriya Perumal Mr.S.Thahir Ibrahim	Smart staircase cleaning and mopping robot	IE(I), Kolkatta

**DETAILS OF MOUs SIGNED**

S.No	MoU Title	Name of the Industry	Contact No of Industry	Email id of Industry	Validity
1	VR & AR Project	TryCAE Industrial Engineering	9842483034	<a href="mailto:vivek@trycae.com">vivek@trycae.com</a>	April 2024 - April 2026
2	Game Development	MTutor	9840851811	<a href="mailto:raj.r@m-tutor.com">raj.r@m-tutor.com</a>	March 2024 - March 2026
3	The design and development of HIF Analytics' AI/ML/data science product prototype	HIF Analytics	+1 (469) 264-1697	<a href="mailto:sanchin.raj@hif.ai">sanchin.raj@hif.ai</a>	July 15, 2024 and Jun 15, 2025
4	Application Development	Adroit Soft India Private Limited, Chennai	9442395151	<a href="mailto:rajendran@adroitsoftindia.com">rajendran@adroitsoftindia.com</a>	March 10, 2023 and March 10, 2025

**Patent Details:**

S. No.	Patent Title, Application No. and Filed Date	Inventor	Status
1	Machine Learning based Fruit Grading Device, 410594-001 and 15.03.2024	Mr.J.Karthikeyan	Granted (Design)
2	An apparatus for marshalling a parrock, 202341073800 and 30.10.2023	Mr.K.Vivekrabinson, AP/CSE Dr.J.Naskath AP(SG)/CSE	Awaiting Examination
3	Anti Theft Floor Mat System, 202341068631 and 12.10.2023	Mr.A.Shenbagharaman Dr.B.Shunmugapriya	Awaiting Examination
4	A Steeking and Unbarring Device, 202241007605 and 14.02.2022	Mr.S.Rajeshkumar Mr.D.Vijayakumar	Granted
5	A Productivity System, 202241000017 and 01.01.2022	Dr.B.PARAMASIVAN Dr.M.BHUVANESWARI	Granted
6	Smart waste collecting bin, 202041007420 and 21.02.2020	Dr.J.Naskath & Dr.B.Shunmugapriya	Granted
7	Automatic Floor Cleaning and Mopping Device, 202041007307 and 20.02.2020	Dr.K.Mohaideen Pitchai, Dr.S.Dheenathayalan	Granted

**Distinguished Alumni:**

S.No.	Name of contact person	Designation	Institution	Email ID	Mob ile No.
1	Mr.M.Madhu Kumar (1988 Batch)	Founder & CEO	Amadis Global, New Jersey	<a href="mailto:mathukumar@verizon.net">mathukumar@verizon.net</a> <a href="mailto:mkumar@amadisglobal.com">mkumar@amadisglobal.com</a>	6095586058
2	Mr. Srinivasan T N (1988 Batch)	President	Veeras Infotek Pvt Ltd.	<a href="mailto:tnsrini@gmail.com">tnsrini@gmail.com</a>	9198407919 02
3	Mr. Nallamaharaj Newbegin Dason (1989 Batch)	Associate General Manager	HCL Technologies	<a href="mailto:newbegin@newbeginmail.com">newbegin@newbeginmail.com</a>	9940091472
4	Mr.R.Rajasekar (1989 Batch)	Managing Director	Bizplus Services, Chennai	<a href="mailto:Rajasekarramathan@yahoo.co.in">Rajasekarramathan@yahoo.co.in</a> <a href="mailto:Raj.bizplus@gmail.com">Raj.bizplus@gmail.com</a>	7845028281
5	Mr. Somu Chockalingam (1989 Batch)	CEO	Doyensys, Chennai	<a href="mailto:csomuus@gmail.com">csomuus@gmail.com</a>	9715981125
6	Mr. A.Ganesh Pandian (1990 Batch)	Director	BNY Mellon Technology India Pvt. Ltd., Chennai	<a href="mailto:gpandian@gmail.com">gpandian@gmail.com</a>	8939658393
7	Mr. Ravichandran A C (1991 Batch)	General Manager of IT	Ford Motor Private Limited, Chennai	<a href="mailto:ravichellas@gmail.com">ravichellas@gmail.com</a>	9884447715
8	Mr. Uma Shankar R (1991 Batch)	Global Delivery Head of the Healthcare and Lifesciences Industry group	LTIMindtree	<a href="mailto:rumasan@hotmail.com">rumasan@hotmail.com</a> <a href="mailto:r_u_shankar@yahoo.com">r_u_shankar@yahoo.com</a>	9989927790
9	Mr. Sivaram Natarajan (1991 Batch)		Atman Solutions, USA	<a href="mailto:sarayusiva@gmail.com">sarayusiva@gmail.com</a>	3024944842
10	Mr. Muthia Pillai (1992 Batch)	CEO / Chairman / MD	Bits Computer Systems, Tirunelveli	<a href="mailto:pillai@bitscomputer.in">pillai@bitscomputer.in</a>	9843058252
11	Mr. Shankar Subbiah.S (1992 Batch)	Technology Consultant	Leonard Cheshire, South Asia Regional Office, Bengaluru	<a href="mailto:shankar.ata@outlook.com">shankar.ata@outlook.com</a>	9840097237
12	Mr. K.Muthu Kumaraswamy (1992 Batch)	Cyber Risk Services	Top global fortune 500 companies	<a href="mailto:Muthu71@gmail.com">Muthu71@gmail.com</a>	8105788855
13	Mr. Venkataraman S (1995 Batch)	Sector Delivery Executive	Wipro Technologies	<a href="mailto:traman1973@gmail.com">traman1973@gmail.com</a>	9840727116

Name of the Department*	Computer Science and Engineering			
Level		PG		
1st Year of approval by the Council		2012		
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022
	12	12	12	25
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022
	6	3	6	12
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022
	-	-	-	-
% Students passed with Distinction	2024-2025	2023-2024	2022-2023	2021-2022
	-	5	8	6
% Students passed with First Class	2024-2025	2023-2024	2022-2023	2021-2022
	-	1	3	6
Students Placed	2024-2025	2023-2024	2022-2023	2021-2022
	-	6	4	1
Average Pay package, Rs./Year	2024-2025	2023-2024	2022-2023	2021-2022
	Rs. 5,89,000	Rs. 5,46,700	Rs. 4,69,000	Rs.4,50,000
Students opted for Higher Studies	2024-2025	2023-2024	2022-2023	2021-2022
	-	1	-	-
Accreditation Status of the course			Not Applied for Accreditation	
Doctoral Courses			Yes	
Foreign Collaborations, if			-	
Professional Society Memberships			-	
Professional activities				
1. On 25.01.2025, Mr.S.Vignesh Kandasamy, Asst Prof of Practice, CSE Founder, Thazhal Geo Spatial Analytics Pvt Ltd, Tirunelveli delivered a talk on Navigating post graduate wirh research A Journey of Knowledge and Innovation.				
Consultancy activities			Nil	
Grants fetched from various organizations (Rs.10,000)			IEEE - PGDSPF'21	
Departmental Achievements :			-	
Distinguished Alumni			-	

<b>Name of the Department</b>	Electronics and Communication Engineering			
	B.E. Electronics and Communication Engineering			
<b>Level of Course</b>	UG			
<b>1st Year of approval by the Council</b>	1984			
<b>Year wise Sanctioned Intake</b>	<b>2024-2025</b>	<b>2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>
	120	120	120	120
<b>Year wise Actual Admissions</b>	<b>2024-2025</b>	<b>2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>
	124	124+10	121+11	124+10
<b>Cut off marks – General quota</b>	<b>2024-2025</b>	<b>2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>
	177/127.5	177/127.5	177/127.5	177/127.5
<b>No. of Students passed with Distinction</b>	<b>2024-2025</b>	<b>2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>
	-	34+Nil	35	33
<b>No. of Students passed with First Class</b>	<b>2024-2025</b>	<b>2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>
	-	77+6	86	82
<b>Students Placed</b>	<b>2024-2025</b>	<b>2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>
	108	110	98	96
<b>Average Pay package, Rs./Year</b>	<b>2024-2025</b>	<b>2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>
	4.58LPA	4.8LPA	4.36LPA	3.38LPA
<b>Students opted for Higher Studies</b>	<b>2024-2025</b>	<b>2023-2024</b>	<b>2022-2023</b>	<b>2021-2022</b>
	6	4	4	2
<b>Accreditation Status of the course</b>	Accredited			
Doctoral Courses	Yes			
Foreign Collaborations, if any	Nil			
Professional Society Memberships	IETE, IEEE, IE, IEET, ISTE, Rotaract Club			

<b>Professional activities</b>	<b>IEEE</b> <ol style="list-style-type: none"> <li>Organized a webinar titled "Trends in AI, Machine Learning and their implications for Engineering field" on 2<sup>nd</sup> Nov 2024. The Chief Guest for this occasion is Mrs.A.Arumuga Manisri, Developer at Infosys, Chennai</li> <li>Guest Lecture on "Exploring Career Opportunities in the Field of Electronics" on 5<sup>th</sup> October 2024. The Chief Guest for this occasion is Mr. M. Durai Sundar.</li> <li>Organized a workshop titled "Interfacing using Arduino boards" on 27-07-2024 by Dr.N.Arumugam, Associate Professor/ECE and Mr.T.Devakumar Assistant Professor (Senior Grade) of ECE department.</li> <li>An idea presentation event, "Tech Marathon" for the students by Dr. T. S. Arun Samuel, Professor of ECE Department, National Engineering College, Kovilpatti on 09.04.2022.</li> <li>IEEE funded two days' workshop on "Artificial Intelligence and Machine Learning using MATLAB" during 06-01-2022 and 7-01-2022. Faculties and PG Students from various colleges of Tamil Nādu attended.</li> <li>Guest Lecture on "Nanostructured Materials and Devices for Sensing Applications" for the students by Prof Satyabrata Jit, Professor, Department of Electronics Engineering, Indian Institute of Technology BHU, Varanasi on 09.12.2021.</li> <li>Guest Lecture on "Traditional and Contemporary techniques for Image Enhancement" for the students by Dr.G. Devasena, Associate Professor/ CSE, Indian Institute of Information Technology Tiruchirappalli on 09.10.2021.</li> <li>Guest Lecture on "Engineering job trends &amp; Relevance of adaptive learning" for the students by Mr. Madhusoothanan Vijay, Manager, Engineering Research &amp; Development Council, NASSCOM India on 17.09.2021.</li> </ol>
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	<p>9. Faculty Development Programme on “IoT for Healthcare Applications” for the faculties by Dr.D. Nirmal Associate Professor/ECE Karunya Institute of Technology and Sciences (Deemed University), Karunya Nagar, Coimbatore, Dr.D.Gracia Nirmala Rani Assistant Professor/ECE, Thiagarajar College of Engineering, Madurai, Dr. Shajulin Benedict Assistant Professor Indian Institute of Information Technology Kottayam, Kerala, Dr. Prabu Mohandas Assistant Professor/CSE National Institute of Technology Calicut, Dr.E.Muthu Kumaran Assistant Professor/Electronics Engineering and Dr. B.R. Ambedkar Institute of Technology, Port Blair, Andaman and Nicobar Islands from 05.08.2021 to 07.08.2021</p> <p>10. Guest Lecture on “ 5G Technologies “ by Dr. M. Surendar, Assistant professor, Department of ECE, National Institute of Technology, Puducherry on 15.02.2021..</p> <p><b>ECE Association:</b></p> <ol style="list-style-type: none"> <li>1. Guest Lecture on “Scope of VLSI in emerging Technologies” on 25.01.2025 by Dr. K. Rajasekar, Senior Project Manager, CDAC Bangalore.</li> <li>2. Guest lecture on “Empowering Dreams: Motivational interaction and Q and A with future innovators” conducted on 28.12.2024 by Ms. Rubina Joganantham, Test Engineer, Volkswagen, Germany.</li> <li>3. Guest Lecture on “IPR in Communication” conducted on 06.09.2024, Chief Guest Dr. M.A. Bhagyaveni, Professor and Head, Department of ECE and Director CIPR, Anna University, Chennai-600 025.</li> <li>4. Two days National Level technical symposium” NEC TECH FEST 24” conducted on 22.03.2023&amp; 23.03.2023.</li> <li>5. Guest Lecture on “Universal IoT Development Board and IoT Dash Board” conducted on 19.01.2024.</li> <li>6. Two days National Level technical symposium”NECTAR 23” conducted on 17.03.2023&amp;18.03.2023.</li> <li>7. Debate, Mehendi Competition and Pencil art competition conducted to students on account of Pongal Thiruvizha on 14.01.2023.</li> <li>8. Association activity on “Briefing about yourself” conducted on 15.10.2022.</li> <li>9. Association activity on “Group Discussion” conducted on 24.09.2022.</li> <li>10. Association activity on “Paper presentation and Quiz” conducted on account of Founders day celebration on 17.09.2022.</li> <li>11. Association activity on” Technical Quiz” conducted on 10.09.2022.</li> <li>12. Carrier Guidance Programme TCS Mock Interview by Mr.A. Krishnan, Amazon, US (Ex-TCS Employee) Mr.Manikanda prabhu, TCS, Chennai, Ms.T.A.Nandhiny, TCS, Chennai and Ms.Anisha, TCS, Chennai on 24.09.2022.</li> </ol>
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13. Painting Competition for Students organized by ECE association and ISTE on 15.08.2022.

14. A Guest Lecture on "Getting ready for your first Job" for the students by Mr. J. Jamesdev, senior software Engineer, Cadence, Bangalore on 09.04.2022

#### **IETE**

1. Technical Quiz for Students conducted on 11.03.2023.

2. Webinar on "Future Scope of E-Vehicle and BMS" for the students by Mr.Krishnaraj (2017 Batch alumni) Project Associate, IIT Madras on 12.03.2022.

3. Interaction session on "Cyber security awareness", M.Uma Saranya (2020 Batch alumni) Security Engineer Cyber Security reliability Engineering, COMCAST, Chennai on 04.08.2022.

4. Career guidance event on Opportunities in IT and core industries for students by Mr.A. Krishnan (alumni 2014 Batch) Application Engineer, Amazon, USA on 05.08.2022.

5. State level workshop on PCB/Antenna Design and Fabrication by Mr.Jothi Prasanth, Technical Engineer, Enthu Technologies, Coimbatore on 16.09.2022 and 17.09.2022.

6. Guest Lecture on "5G Technology Strategy Next Generation Mobile Networking" for the students and faculties by Mr.S.VenkadaRamanujam, Technical Specialist, Nokia Solutions and Networks on 17.09.2021

7. Guest Lecture on "Career Opportunities in AI" for students and faculties by Dr.S.Sankar Ganesh, AP(SG), Department of communication Engineering, VIT Vellore on 17.09.2021

8. Guest Lecture on "Digital Circuit Design Challenges and Opportunities in the Era of Nano scale CMOS" for students and faculties by Dr.G. Lakshmi Priya, AP(SG), School of Electronics Engineering (SENSE), VIT University, Chennai on 09.10.2021.

9. Guest Lecturer on "Radar Fundamentals" for the students and faculties by Dr.L.G.M. Prakasam, Rtd, Scientist – LRDE – DRDO VP Technical Astra Microwave Products Limited, Bangalore on 22.12.2021

10. A webinar on "Interaction Design – Basic Principles and process" for II, III year students by Mr.M.Mariappan, UI/UX Designer at Lean Station Pvt Ltd on 06.06.2020.

11. Workshop on "Facilitating Networks: A Practical Discussion" from 09.03.2020 to 11.03.2020.

12. Technical quiz for IETE students on 13.03.2020.

#### **IE(I)**

1. IE(I) Week Conducted on 30.01.2023-06.02.2023.

2. Student Induction and Inauguration on IE(I) Student Chapter Conducted on 28.09.2022.

3. Guest Lecture on Facing Engineering Competitive exams

	<p>through online for the students by Mr.R.Vivekanandan, Gate Educator, Unacademy on 24.11.2021</p> <ol style="list-style-type: none"> <li>Dr.J.KlutoMillethi, Mr.R.MuthaihPillai, Dr.P.EssakiMuthu, Mrs. K.Loganya are delivered a guest lecture on Career after 12th on 30.05.2020.</li> <li>Dr. J. KluttoMilleth, Chief Technologist, CEWIT, Chennai has delivered a guest lecture on “Massive MIMO in 5G Systems on 02.06.2020.</li> <li>Mr. Srinivasan Selvaganapathy, Standardization Specialist, Nokia Bell Laboratories, Bengaluru has delivered a guest lecture on “Innovation, IPR and Startup Trends” in Wireless Technology on 23.07.2020.</li> <li>Mr. RenjithGeorge, Technical Manager, Tata Elxsi, Trivandrum has delivered a guest lecture on “Recent Trends in Automotive Embedded Systems” on 05.03.2021</li> </ol> <p><b>ISTE</b></p> <ol style="list-style-type: none"> <li>Event titled: Microwave Mastery: Designing the Future of Communication on 10.02.2024, by Dr. J. Lokeshwaran.</li> <li>Independence Day event titled” TECHNO WORDS WITH NATIONAL LEADERS” on 24.01.2023.</li> <li>Founder’s Day Event conducted on 17.09.2022 and 18.09.2022.</li> <li>Event titled “Painting Competition” Students organized by ECE association and ISTE on 09.08.2022 (Azadi Ka Amrit Mahatsav) Event titled “Mistral Hackfest” conducted by Mr. Rajeevramchandra on 07.05.2022.</li> <li>Event titled “Code Champ” organized on 10.01.2022 to 12.01.2022.</li> <li>A Webinar on Essential I/O interfacing concepts for embedded systems for the students by Mr.T.Deva Kumar , AP(SG)/ECE National Engineering College, Kovilpatti on 30.9.2021</li> <li>A Webinar on Tips to crack placement drive for the students by Ms. Nikitha, VVDN Pvt Ltd, Pollachi and Ms. Jenifer Jose, CADENCE solutions, Bangalore on 18.12.2021</li> </ol> <p><b>Embedded Club</b></p> <ol style="list-style-type: none"> <li>Seminar on Introduction to ESP32 on 01.03.2025.</li> <li>Hands-on session on the topic of "ARDUINO PROGRAMMING AND SENSOR INTERFACING" on 21.09.2024.</li> <li>Seminar on embedded C by Mr. T. Devakumar Assist Prof (Sr. Grade) on 08.07.2023.</li> <li>Tech Talk on “FPGA Based Embedded Systems” by Ms.S.K. Padma Parvathi, Embedded Software Engineer, M/s. Mistral Solutions, Bangalore.</li> </ol>
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**Consultancy activities**

<b>Title of the Activity</b>	<b>Sanctioned Agency</b>	<b>Amount</b>	<b>Duration</b>	<b>Status</b>
Development of Talk Back System for Fire Safety	Coopro Safety India Pvt.Ltd, Chennai.	Rs.1,34,300/-	2022-23	Completed
Calibration work for field instrument	Sherwin Industries, Thoothukudi	Rs.55,000/-	2022-23	Completed

**Grants fetched from various organizations with name of the agency and amount:**

<b>Title of the Project/ Activity</b>	<b>Sanctioned Agency</b>	<b>Amount</b>	<b>Duration</b>	<b>Status</b>
An Intelligent device to classify Organic and non-organic fruit and vegetable items using IR Thermography technique	Ministry of Small, Micro and Medium Enterprises (MSME), New Delhi	Rs.9,00,000/-	2023-25	On Going
Peanut qualifier for price fixation	Innovation Cell , AICTE, Ministry of Education	Rs.5,00,000/-	2024-25	On Going
AIIoT enabled Government Scheme information kiosk For villiseri village	Ministry of Education, Unnath Bharath abiyam – IIT Delhi	Rs.1,00,000/-	2024-25	On Going
Implementation of virtual STEM Education platform for Elementary School in Nallattinuputhur village.	Ministry of Education, Unnath Bharath abiyam – IIT Delhi	Rs.1,00,000/-	2023-24	On Going
In Campus Navigation System for Blind school Students	IIT-TNIF	Rs.20,47,300/-	2024-26	On Going

**Departmental Achievements:****NEW GEN IEDC/TNSCST/IE**

<b>Student Project Achievements</b>			
<b>Year</b>	<b>Student Name</b>	<b>Project Title</b>	<b>Funding Agency</b>
2021-2022	M. Manikandan T. Abiraminathan M. Shenbaga Ramya S.A. Jeyashri	Smart Commode	TNSCST (Rs.7500)
	Vijayakrishnan Aadhi guru Lakshminarayana	Portable Peanut Qualifer for price fixation	NewGen, IEDC
	M. Amuthan A.Jerwin Solomon	NAVIC Signal based guidance System	NewGen, IEDC
	Alex J Arun Prasath S Guru anesh S Azhagan S	Automatic Threat Recognition system using Surveillance Camera	NewGen, IEDC
2022-2023	R. Sharan Kishore M. Guru Prasad R. AiudhDurairaj	Smart TENG for Biomedical Monitoring	NewGen, IEDC

2023-2024	Chobia Lakshmi J Iswarya K Vallavan S	Smart Robotic Arm for Drainage Cleaning	NewGen, IEDC
	Rahul R.P Siva RamaKrishnan	Hemipheligia Therapy Device For Stroke Patients	NewGen, IEDC

#### DETAILS OF MOUs SIGNED

S.No	MoU Title	Name of the Industry	Contact No. of Industry	Email id of Industry	Validity
1	Positioning and Precision technologies and related Studies Between IIT Tirupati Navavishkar I-Hub Foundation & National Engineering College, K.R. Nagar, Kovilpatti	IIT Tirupati Navavishkar I-Hub Foundation	877 2503165	roshan@iittp.ac.in	2024-26
2	The Indian Nano Electronics Users Program -i2i Between - Indian Institute of Technology Guwahati & National Engineering College, K.R. Nagar, Kovilpatti	Indian Institute of Technology Guwahati	+ 91 361 258 2278	vkatiyar@iitg.ac.in	2023-2026
3	Training Partner Agreement Between Tessolve & National Engineering College, K.R. Nagar, Kovilpatti.	M/s Tessolve Semiconductors Pvt. LTd., Bengaluru	+91 80 4181 2626	rajakumar.d@tessolve.com	2022-2025
4	NEC-Mistral R&D Lab	M/s Mistral SolutionsPvt	+91-80-4562 1100	info@mistralsolutions.com	2021-2026
5	NEC-Vlinder	M/s Vlinder Labs Pvt.Ltd	9742204053	info@vlinder.io	2022-2025

#### Patent Details:

S. No.	Patent Title, Application No. and Filed Date	Inventor	Status
1	A SYSTEM FOR DETECTING ZERO-DAY AND SPEAR PHISHING ATTACK, AND METHOD OF WORKING THEROF Application No: 201941053278 Filed Date: 12-21-2019	M. Satheesh Kumar K.G.Srinivasagan Jalel Ben Othman G.Unni Krishnan	Granted
2	AN APPARATUS FOR THE LOCOMOTION OF VISUALLY IMPAIRED PERSONS Application No: 202041007308 Filed Date: 2-20-2020	V.Suresh S.Arjune A.Jefferson John	Granted
3	AN APPARATUS FOR INJECTING PLANT GERMINATING MEMBERS Application No: 202141060652 Filed Date: 12-24-2021	Sivaramakrishnan S R Prakash G Dinesh Jefferson E Nissan Prabhu N Mohamed Meeran S Balamurugan C Harihara Sakthi Sudhan P	Granted
4	A DEVICE FOR THE SURVEILLING OF A LEVEL OF INTRAVENOUS FLUID Application No: 202241007608 Filed Date: 2-14-2022	Melchisedec Samuel P Stephen S Billigraham Aasif Mohammed M B Sudhakar J F. Michael Thomas Rex Balamurugan C	Granted
5	A TABLE TOP APPARATUS FOR THE POUNDING OF CEREAL GRAINS Application No: 202241007607 Filed Date: 2-14-2022	Tamil Selvi S Thoufiq Mohammed K Muthu Nitish M Muthu Krishnan M Ganesh Arravind B Vijaya Krishnan S	Granted

6	MIMO antenna system Optimized for 5G Networks Application No: 202441071577 Date of grant: 22-09-2024	Mrs. S. Pricilla Mary Asst. Prof/ECE	Published
7	SMART ANTENNA SYSTEMS FOR IMPROVED PERFORMANCE IN WIRELESS NETWORKS Application No:202441082444 Filed Date:28/10/2024	Mrs. S. Pricilla Mary Asst. Prof/ECE	Published
8	Neural Network Based Tuning For Improved Quality In 5G Network Application No: 202441099751 Filed Date:17/12/2024	Mrs. S. Pricilla Mary Asst. Prof/ECE	Published
9	Compact Multiband Antenna For Use In Wireless Communication Devices Application No:202441077602	Mrs. S. Pricilla Mary Asst. Prof/ECE	Published
10	SYSTEM AND METHOD FOR INSTINCTIVE MONITORING OF HYDROPONIC PLANTS Application No: 201841037700 Filed Date: 10-5-2018	Prasanna venkatesan. K. J Arun kumar H.R Balasubramani.M Meenakshi Murugappan	Application in Hearing
11	DEVICE FOR SCREENING HEARING IMPAIRMENTS Application No: 202041006562 Filed Date: 2-14-2020	V.Vijayarangan B.Siva Nandini M.Deepa Lakshmi M.Muthu Udhaya S.J.Nivedita M.Rama Subbu	Reply to FER Filed. Application in amended examination
12	A DEVICE FOR SHADOWING SURGICAL OBJECTS Application No: 202241007606 Filed Date: 2-14-2022	V Vijayarangan T Vijayananth K J Prasanna Venkatesan T Deepika A Ameena Shaheen K Rini Keerthana S K Padma Parvathi R Ramalakshmi P Ganga Devi	Reply to FER Filed. Application in amended examination
13	AN APPARATUS FOR SCOURING OF A MILIEU Application No: 202341073802 Filed Date: 10-30-2023	Dr.V.R.S.MANI Dr.M.RAVINDRAN R.Banupriya S.Suvalakshmi M.Uma Raja Selvi P.Akshya A.S.N.Jaanu	Application Awaiting Examination
14	A DEVICE AND AN APPARATUS FOR SCALING AND HARVESTING WOODY AND LEAFY MEMBERS BEARING COCONUTS Application No: 202341073804 Filed Date: 10-30-2023	Parvathi Subramanian Tamil Selvi Sankar	Application Awaiting Examination

**Distinguished Alumni:**

S.No.	Name of contact person	Designation	Institution	Email ID	Mobile No.
1	Mr.Godwin Gnanaraj.D	Director (Engineering)	Doordharshan, Tiruchur	ggnanaraj@yahoo.com	9994069329
2	Mr.Prabhakaran Murugaiah	Chairman	Tiliconveli Tech Park, Tirunelveli	prabhakaran.murugaiah@gmail.com	8807261964
3	Mr.J.Senthil Rengarajan	Scientist	LRDE, DRDO, Bengaluru	jsenthil31@gmail.com	9480261220
4	Mr.Ponnambalam . S, IAS	Joint Secretary	Land and Land Reforms Department, West Bengal	ponnambalam_skp@yahoo.com	7797777336
5	Mr.Chitraranjan	Executive Electrical Engineer	Meinhardt singapore pte ltd, singapore	ranjancs@gmail.com	+65-82929625
6	Mr.L.Shahul Hameed	General Manager	Robert Bosch, Bengaluru	lshahul@yahoo.com	9500862182
7	Dr.N.Sri Raam	Professor and Head, Medical Electronics	M.S.Ramaiah Institute of Technology, Bengaluru	sriraam@msrit.edu	9632294999
8	Mr.V.Ganesh	Senior Manager, Test Engineering	Tessolve Services Pvt. Ltd., Penang, Malaysia	ganesh.veeramani@tessolve.com	9482538428
9	Dr. R. Pandeeswari	Professor	NIT Trichy	rpands@nitt.edu	9952892216
10	Mr.S.Arun	Test Engineer	Qualcomm, Singapore	sklarun@gmail.com	9916159757
11	Mr.Vasanthakumar	Managing Director	Valiant Fire Safety, Chennai	info@valiantfire.com	9345237019
12	Ms.M.Meenakshi, IPS	Deputy Superintendent of Police	Prohibition and Enforcement Wing, Coimbatore	balameenatchi@gmail.com	9498164298
13	Mr.R.Rajadurai	Automation Solution Architect	KPMG Solutions, Singapore	rajadurai.nec@gmail.com	9894781211
14	Ms.J.Rubina	Test Engineer	Volkswagen AG, Germany	rubina.joganatham1@volkswagen.de	+49 5361 999121
15	Mr. Rajaram Ragupathy	System Architect	Intel, Bangalore.	Rajaram.regupathy@gmail.com	+918105692021
16	Mr. Klutto Milleth	Chief Technologist	IITM Research Park	klutto@cewit.org.in	9444107970
17	Dr. Senthil Kumar.V	ISRO Scientist	V.R. Rao Satellite Centre, Bangalore	senthil@urisc.gov.in	9449037183

Name of the Department*	ECE (Embedded System Technologies )			
Level	PG			
1st Year of approval by the Council	2012			
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022
	6	6	12	18
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022
	2	4	4	6
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022
	-	-	-	-
% Students passed with Distinction	2024-2025	2023-2024	2022-2023	2021-2022

	-	2	4	8
% Students passed with First Class	2024-2025	2023-2024	2022-2023	2021-2022
	-	2	2	1
Students Placed				
	-	-	-	-
Average Pay package, Rs./Year				
	-	-	-	-
Students opted for Higher Studies				
	-	-	-	-
Accreditation Status of the course			Not Applied for Accreditation	
Doctoral Courses			Yes	
Foreign Collaborations, if				
Professional Society Memberships				
Professional activities		Nil		
Consultancy activities		Nil		
Grants fetched from various organizations		-		
Departmental Achievements :		-		
Distinguished Alumni				

#### Distinguished Alumni PG:

S.No.	Name of contact person	Designation	Institution/ Organization	Email ID	Mobile No.
1.	Mrs.Aruna	Principal Engineer	SanDisk India Limited	Aruna.saravana.kumar@sandisk.com	9886102441
2.	Dr.B.Priestly Shan	Vice Chancellor	Alliance University	vc@alliance.edu.in	08086304720
3.	Dr.M.Satheeshkumar	Associate Principal Cybersecurity	LTIMindtree, Chennai	satheeshnecece@gmail.com	9500088817
4.	Mr.M.Chinnathambi	Technical Lead	Viasat india Pvt Ltd.,	Chinnathambi.muthusamy@viasat.com	9894271366
5.	Mr.S.Balamurugan	Technical Lead – Firmware	Nibav Lifts Pvt., Ltd.,	balamurugan.s@nibavlfts.com	7339368725

Name of the Department	ELECTRICAL & ELECTRONICS ENGINEERING			
Course	B.E ELECTRICAL AND ELECTRONICS ENGINEERING			
Level of Course	UG			
1st Year of approval by the Council : 1994				
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022
	60	60	60	60
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022
	63	61	61	62
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022
	Min.: 177& Max.: 189	Min.: 169& Max.: 189	Min.: 72.5& Max.: 192	Min.: 137 & Max.: 182.74
No. of Students passed with Distinction	2024-2025	2023-2024	2022-2023	2021-2022
	-	26.15% (17/65)	19.82% (22/111)	16.79% (22/131)
No. of Students passed with First Class	2024-2025	2023-2024	2022-2023	2021-2022
	-	70.76% (46/65)	73.87% (22/111)	80.92% (106/131)
Students Placed	2024-2025	2023-2024	2022-2023	2021-2022
	78.5%*	87.5%	92%	90%
Average Pay package, Rs./Year	2024-2025	2023-2024	2022-2023	2021-2022
* up to Feb 2025	3,61,325*	4,03,806	3,20,000	3,15,000
Students opted for Higher Studies	2024-2025	2023-2024	2022-2023	2021-2022
	-	-	6	4
Accreditation Status of the course		B.E.(EEE) – NBA TIER – I Accredited		
Doctoral Courses		Yes		
Foreign Collaborations, if any		Yes		
Professional Society Memberships		ISTE, SAE, IE(I), IEEE, ISoI		
Professional activities:				
Gate Coaching, Aptitude Training, Technical Symposium, Paper Presentation, Technical Seminar, Technical Workshop, SIG (Special Interest Group), Mini Project Forum				

### Consultancy activities

Offering Consultancy Work to the Industries, Colleges, Private which includes energy auditing, testing services and consultancy project to

- Kayaar Exports (P) Ltd., Kovilpatti
- CM Enviro Systems, Bangalore
- Loyal Textile Mills (P) Ltd, Kovilpatti
- VOC College of Engineering, Tuticorin.
- Noorul Islam University, Thuckalay.
- Thiagarajar College of Engineering,
- Amritha School of Engineering, Coimbatore
- Anna University Regional Campus, Madurai.

- CSI Institute of Technology, Thovalai
- M/S Excel Hydro Pneumatics (India), Nanguneri, Tirunelveli
- Southern railway, kovilpatti
- Apex Design Center
- NIT Durgapur
- Prithvi Industries, Vedaranyam
- Centre for Water Resources, Anna University, Chennai
- Care AKPS Hospital, Virudhynagar

Consultancy project completed worth of 1.06Lakhs “Automatic Irrigation System” in nearby village ‘Thonugal’

**Grants fetched through consultancy Work:**

Sl.No	Academic Year	Consultancy Amount (Rs)	Testing Amount(Rs)	Total(Rs)
1	2011-2012	-	12,000	<b>12,000</b>
2	2012-2013	-	6,000	<b>6,000</b>
3	2013-2014	-	24,800	<b>24,800</b>
4	2014-2015	1,20,000	-	<b>1,20,000</b>
5	2015-2016	1,25,000	7,000	<b>1,32,000</b>
6	2016-2017	1,25,000	1,000	<b>1,26,000</b>
7	2017-2018	1,86,500	11,500	<b>1,98,000</b>
8	2018-2019	2,18,500	13,500	<b>2,32,000</b>
9	2019-2020	2,18,500	2,000	<b>2,20,500</b>
10	2020-2021	1,49,500	1,500	<b>1,51,000</b>
11	2021-2022	1,65,500	7,000	<b>1,72,500</b>
12	2022-2023	5,000	-	<b>5,000</b>
13	2023-2024	3,12,000	-	<b>3,12,000</b>

**Grants fetched from various organizations with name of the agency and amount:**

Title of the Project/ Activity	Sanctioned Agency	Amount	Duration	Status
Four Quadrant Operation of Switched Reluctance Motor with a Single Controllable Switch	DRDO	9,45,000	2008-2011	Completed
Investigations of Critical Electrical Characteristics and UV Response of Transformer Oil	DST	7,68,000	2010-2012	Completed
Tuning of Nonlinear PID Controllers for TRMS using Evolutionary Algorithms	AICTE	9,75,000	2013-2016	Completed

Real Time Implementation of PID Controller for Single Phase Buck-Boost Power Factor Correction Converter using Evolutionary Computation	UGC	4,45,000	2017-2019	Completed
Denoising Algorithm for Noise Reduction in MEMS Sensors	ISRO - RESPOND	18,90,960	2023-2025	On Going

### Departmental Achievements:

- For Industrial institution interaction 6 MOU's signed with various reputed industries and agencies.
- International research collaborations established with foreign professors from various reputed institutions.
- Dr.Tangali S. Sudarshan, Professor, University of South Carolina, Columbia has visited our college during the month of December 2011
- Dr.M. Willjuice Iruthayarajan has published research publication with Dr. P.N.Sugunthan, Asso. prof. / EEE, NTU and A. Alphonse, Asso. Prof. /EEE, NTU Singapore.
- Dr. M. Willjuice Iruthayarajan has published research publication with Prof. Valentina E. Balas, Aural Vlaicu University of Arad, Romania.
- Dr.L. Kalaivani has published research publication with Prof. Xiao-Zhi Gao, University of Eastern Finland, Finland.

### NEW GEN IEDC/TNSCST/IE Student Project Achievements

Criteria	Year	Student Name	Project Title	Funding Agency
Student Project	2011-12	P.Punithavalli M.Muppudathi	Electrical Wheel Chair	TNSCST, Chennai Rs: 6,000/-
Student Project	2011-12	P.Rajeswari M.Kiruthikadevi	Electrical Wheel Chair	TNSCST, Chennai Rs: 6,000/-
Innovative Project	2012-13	P.Punithavalli M.Muppudathi P.Rajeswari M.Kiruthikadevi	Watch with Heart Attack Detection	Indian National Academy of Engineering (INAE)
Innovative Project	2012-13	R.Sivalingam P.Dineshmari T.Karuppasamy J.Vignesh	Advanced Accident Avoidance System	Indian National Academy of Engineering (INAE)
Student Project	2013-14	R.Arun Ram Prasath	Investigation of Electrical and physical properties of transformer oil using nano-composites-	Institute of Engineers (I) Rs: 35,000/-
Student	2014-15	D.Vigneshwaran	Investigating the Critical	Institute of

Project			Properties OLEIC Natural Ester with Nano composites	Engineers (I) Rs: 10,000/-
Student Project	2014-15	S.Sukanya	Performance Analysis and Breakdown characteristics of XLPE cables under different artificial defects	Institute of Engineers (I) Rs: 5,000/-
Student Project	2014-15	K.Shivaneshwaran	Investigation on Electrical & Physical property of mineral oil with Nano composites & Antioxidants	Institute of Engineers (I) Rs: 10,000/-
Student Project	2014-15	P.Shanmugam	Real Time Implementation of Railway Track Fault Detecting System using IR and Ultrasonic Technology	Institute of Engineers (I) Rs: 5,000/-
Student Project	2014-15	Pitchai Kumar Kannan. PonEsakki Raman. K Thirumani Krishnasami. Saravanakumar. G	EyeBall Sensor in Automatic Wheel Chair for Paralyzed Patients	Institute of Engineers (I) Rs: 5,000/-
Student Project	2017-18	Prabhu.S Prakash.P.R, Narain Krishnan. R MathanaGopal. B	Smart theft prevention system using GSM and cloud	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2018-19	K.Logeswarabalan, M.Mafin Rijoe, V.Nalla Selva Prakash, A.Ravikumar	Wastage Pay Smart Bin	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2018-19	S.Saranya, A.Priyadharshini, K.Kanika, R.Nishanthi, V.Padmavathi, S.Priyadharshini	Smart Trolley Bag	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2018-19	K.Gadhi Muthu, R.Arun Gomathi, J.Ajay Karthick	Pro Gas Stove	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2018-19	A.Ashfaaq Mohamed, P.Abdul Rahim,	Biometric Based Water Dispenser	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2019-20	H.Selvadevi, B.Pandeeswari, Mani Mekala G, Deepika.A,	Smart controller for Ceiling Fan	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2019-20	Gomathi Arasu.A Ganeshkumar, M Naveen Kumar P, Selvekumar. A	Electrocardiogram based human authentication system	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2019-20	M. Kirthik Roson, M.S.J.Kural Amuthan,.	Smart Quality Water Dispenser	NEW GEN IEDC

				Rs: 2.5 Lakhs
Student Project	2020-21	Jekhan J S, Jagathish L, Pon Saravana Kumar S, Arif Naushath M,\ Nithin Durai E	IoT Based Chick Incubator	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2020-21	G. Sethuramalingam, A. Abdul Aasim	Fruit And Vegetable Powder Making Unit	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2021-22	M.Vigneshwaran V. Vijayabalan, S.Yuvaraj, J.Ramya, L.Priyadharshini	LoRa Based Smart Starter For Agriculture	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2021-22	S.Rahul, M.Balamurugan, Jenithra.M	Smart Info System for Bike	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2021-22	Jessiicaa A, Selva Priya A	Cold Container Monitoring & Risk Assessment System for Navel Transportation	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2021-22	Mohamed Musab V M, Sudalai Mani G, Sundar raj P, Mohamed Althaf Wahid Raja Sekaran E	Computer Vision based Meat Quality Checker	NEW GEN IEDC Rs: 2.5 Lakhs
Student Project	2021-22	Pon Saravana Kumar S	Real-Time Implementation of Fractional Order PID Controller for Quadratic Boost Converter in Electric Bicycle using Evolutionary computation	Institute of Engineers (I) Rs: 23,000/-
Student Project	2023-24	Venkateshkannan S, Christen, R, Mohammed Asif, A. Abishek Thanaseelan, T.	Design and Development of Density based Traffic Control System	TNSCST, Chennai Rs: 7,000/-

#### DETAILS OF MOUs SIGNED

S.No	MoU Title	Name of the Industry	Contact No of Industry	Email id of Industry	Validity
1	Enthu Technology Solutions India Private Limited, Coimbatore.	Enthu Technology Solutions India Private Limited, Coimbatore.	9940707197	info@enthutec h.in	till both breaks.
2	Calibre Telecom Services India Private Limited, Chennai	Calibre Telecom Services India Private Limited, Chennai		ponthangam86@gmail.com bala0305@gmail.com	29.03.2021-29.03.2024

3	Quantanics Techserv Private Limited, Madurai	Quantanics Techserv Private Limited, Madurai	70108 97188 9952725580	support@quantanics.com	07.01.2022- 07.01.2025
4	Adroit Power Systems India Private Limited, Coimbatore.	Adroit Power Systems India Private Limited, Coimbatore.	98940 18778	sales@adroitpower.com	31.03.2022- 31.03.2025
5	Maxvy Technologies private limited, Bengaluru	Maxvy Technologies private limited, Bengaluru	89705 92090	info@maxvytech.com	15.11.2022- 15.11.2025
6	Modpro Engineering Solutions, Chennai.	Modpro Engineering Solutions, Chennai.	91768 64046	info.modproengineers@gmail.com	18.10.2023- 18.10.2026

### Patent Details:

S. No.	Patent Title, Application No. and Filed Date	Inventor	Status
1.	Smart Theft Prevention System Using GSM And Cloud 201841037699 A 05.10.2018	B.Venkatasamy, AP/EEE S.Prabhu, Final EEE P.R.Prakash, Final EEE R.Narain Krishna, Final EEE B.Mathana Gopal, Final EEE	Patent Granted 466641 07.11.2023
2.	Automatic Waste Segregating Bin 202041006564 A 14.02.2020	Dr S.Senthil Kumar , AP(SG)/EEE Mr. B.Venkatasamy, AP/EEE K.Logeswarabalan, Final EEE M.Mafin Rijoe, Final EEE V.Nalla Selva Prakash, Final EEE A.Ravikumar, Final EEE	Patent Granted 508605 08.02.2024
3.	Gas Stove 202041006561 A 14.02.2020	Dr.L.Kalaivani, Professor/EEE Mr.B.Venkatasamy, AP/EEE K.Gandhi Muthu, Final EEE R.Arun Gomathi, Final EEE J.Ajay Karthick, Final EEE	Patent Granted 498056 11.01.2024
4.	Smart Carry-On Luggage 202041006563 A 14/02/2020	Dr.N.B.Prakash, Asso.Prof(SG)/EEE Mr.F.Antony Jeffrey Vaz, AP/EEE S.Saranya, Final EEE A.Priyadharshini, Final EEE	Patent Granted 545134 16.07.2024
5.	An Apparatus For Dispensing Liquids 202041007309 A 28.02.2020	R.V.Maheswari, Professor/EEE J.Babitha Thangamalar, AP(SG)/EIE J.Junehar Kevin, Final EIE H.Isaimuhil, Final EIE S.Thanga Selvam, Final EIE S.A.Ashfaaq Mohamed, Final EEE P.Abdul Rahim, Final EEE	Patent Filed
6.	Smart Quality Water Dispenser 202241007608 A 14.02.2022	Dr. R V Maheswari, Professor/EEE, K Mohamed Hanifa Rashik, Final EIE, SM.Syed Mohamed Althaff, Final EIE, M. Kirthik Roson, Final EEE,	Patent Granted 534138 22.04.2024

		M.S.J Kural Amuthan, Final EEE	
7.	A Device For Authenticating A Person 202241010734 A 28.02.2022	Dr.M Willjuice Iruthayarajan, Professor & Head/EEE, N B Prakash, Asso. Prof./EEE, B Vigneshwaran, AP(SG)/EEE, A Gomathi Arasu, Final EEE, M Ganesh Kumar, Final EEE, Naveen Kumar, Final EEE, A Selvakumar, Final EEE	Patent Granted 544248 04.07.2024
8.	An Apparatus For Surveilling Air Disseminating Members 202241010736 28.02.2022	Dr. L Kalaivani, Professor/EEE, B Venkatasamy, AP(SG)/EEE, F Antony Jeffrey Vaz, AP/EEE, H Selvadevi, Final EEE, B Pandeewari, Final EEE, A Deepika, Final EEE, G Mani Mekala, Final EEE,	Patent Granted 486794 21.12.2023

### Distinguished Alumni:

S.No.	Name of contact person	Designation	Institution	Email ID	Mobile No.
1.	Mr. H Sankara Subramanian	Division Head, ISRO Propulsion	Indian Space Research Organization	Sankar5381@gmail.com	+91 9442243571
2.	Mr. Muthu Senthilkumar	Sr. Lead Engineer	Mahindra & Mahindra Ltd		+91 9003242037
3.	Ms.M. Karthika	Assistant Commissioner of Income Tax,	Ministry of Finance Department of Revenue,		+91 9442471255
4.	Mr.Ragupathy Ramachandran,	Senior Application Manager,	ESAB India Limited, Chennai.	ragupathy2006@gmail.com	+91 9843333272
5.	Mr.V.Karthikeyan,	Co-Founder	Rapid Semiconductor Technology, Chennai	karthikroses@gmail.com	+91 9900237917
6.	Aswath Ilango A	Lead Project Manager	GE T&D India Ltd	aswath.ilango@gmail.com	+91 9600067350
7.	Judis Sam	Lead Design Engineer VLSI	Cadence Design Systems	sam.judis@gmail.com	+91 9036522215
8.	Muthukumaravel K	Asst Loco Pilot	Indian Railways-Southern Region	vskmkv1993@gmail.com	+91 8526781790

9.	Rajesh Ananth	Regional Tech App Leader	GE Grid Solution, Dubai	rajesh.ananth.g e.com	+97 1505542253
10.	M.Ramesh	Senior Technical Engineer,	Data Pattern India Pvt. Ltd	mramesh.madu rai@gmail.co	+91 9940695032
11.	Karkuvelraja Thangamariappn	Associate Vice President	Vibhathi Labs, Chennai	tkarkuvelraja@ gmail.com	+971- 582036853
12.	Prasad Karuppasamy.	Principal Engineer	NXP San Diego California, USA	prasadk.live@g mail.com	+1858336305 1
13.	Raja Alagappan Swaminathan..	Director Solutions,	Capgemini UK, Peterborough, England	srjaalagappan @yahoo.com	+4478684921 52
14.	Srinivasa Prakash P..	Director	Moxie Infratech Pvt Ltd	kamaliprakash p@gmail.com	-91 8220223232
15.	Venkatachalam R	Architect	Bosch Ltd, Coimbatore	mailvenkatr@g mail.com	+91 9940056577

Name of the Department*	ELECTRICAL & ELECTRONICS ENGINEERING			
Course	M.E. HIGH VOLTAGE ENGINEERING			
Level	PG			
1st Year of approval by the Council		2004		
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022
	6	6	9	18
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022
	2	3	7	6
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022
	-	-	-	-
% Students passed with Distinction	2024-2025	2023-2024	2022-2023	2021-2022
		40% (2/5)	28.57% (2/7)	60% (4/7)
% Students passed with First Class	2024-2025	2023-2024	2022-2023	2021-2022
	-	60% (3/5)	71.43% (5/7)	40% (3/7)
Students Placed				
	-	-	-	-
Average Pay package, Rs./Year				
	-	-	-	-
Students opted for Higher Studies				
	-	-	-	-
Accreditation Status of the course			Not Applied for Accreditation	
Doctoral Courses			Yes	
Foreign Collaborations, if			Yes	
Professional Society Memberships			ISTE, IE(I), IEEE	
Professional activities	Aptitude Training, Paper presentation, Technical seminar , Technical workshop			
Consultancy activities	High Voltage Lab is providing Insulator testing, Rubber Gloves Testing and Transformer Oil testing for various industries and educational institutions <ul style="list-style-type: none"><li>▪ Excel Hydro Pneumatics (India), Nanguneri, Tirunelveli</li><li>▪ P.S.R. Engineering College, Sivakasi</li><li>▪ Kalasalingam Academy of research, Krishnan Koil, Srivilliputtur</li><li>▪ Mepco Schlenk Engineering College, Sivakasi</li><li>▪ Kamaraj College of Engineering and Technology, Virudhunagar</li></ul>			
Grants fetched from various organizations	<ul style="list-style-type: none"><li>▪ A funded Project for an amount of Rs.7.68 Lakhs has been sanctioned by DST, New Delhi for the research work entitled “Investigation of Critical electrical characteristics and UV response of transformer oil”.</li></ul>			

	<ul style="list-style-type: none"> <li>▪ Laboratory development fund from DST-FIST scheme for high voltage engineering laboratory for the worth of Rs. 20 Lakhs.</li> <li>▪ 4 number of students project worth of Rs. 0.6 Lakhs has been sanctioned by Institute of Engineers (India).</li> <li>▪ Conference and seminar Grant received from MNRE, New Delhi, DST-SERB, New Delhi, and CSIR, New Delhi</li> </ul>
Departmental Achievements :	<ul style="list-style-type: none"> <li>▪ Totally around 200 numbers of research articles published in reputed journals like IEEE, IET, Elsevier, Springer, Taylor and Francis, Wiley, etc.,</li> <li>▪ Totally around 82 numbers of research articles published in reputed IEEE and Springer international conferences.</li> <li>▪ International research collaborations established with foreign professors from various reputed institutions.</li> </ul>
Distinguished Alumni	<ul style="list-style-type: none"> <li>▪ Dr. R.T. Arun Ram Prasath, completed his Ph.D. at NIT Durgapur as Full time Research Scholar and currently working as Scientist at CSIR National Laboratory of India</li> <li>▪ Dr. Sumathi, Assistant Professor, Anna University, Coimbatore.</li> <li>▪ Dr. Sudalai Shanmugam, completed his Ph.D. at CPRI Bangalore as Senior Research Fellow and his position as Joint Vice President at Modern Insulators Ltd, Rajasthan</li> <li>▪ Mr. Jasper Samuel, currently pursuing his Ph.D. at NIT Durgapur as Full time Research Scholar</li> <li>▪ Mr. Gulasekara Pandian is working as Electrical Supervisor, HEISCO, Kuwait</li> </ul>

Name of the Department		INFORMATION TECHNOLOGY		
		B.Tech		
Level of Course		UG		
1st Year of approval by the Council				
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022
	60	60	60	60
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022
	64 + (Lateral : 01)	68 + (Lateral : 05)	68+ ( Lateral :06)	62 + (Lateral : 06)
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022
	161.55	155.82	165.9	169.97
No. of Students passed with Distinction	2023 - 2024	2022-2023	2021-2022	2020-2021
	17 (27.87%)	20 (31.75%)	15 (25.86%)	14 (25.45%)
No. of Students passed with First Class	2023 - 2024	2022-2023	2021-2022	2020-2021
	41 (67.21%)	42 (66.66%)	41 (70.69%)	40 (72.72%)
Students Placed	2023 - 2024	2022-2023	2021-2022	2020-2021
	49	59	56	46
Average Pay package, Rs./Year	2023 - 2024	2022-2023	2021-2022	2020-2021
	5,00,000	4,00,000	Rs.4,50,000	Rs.3,70,000
Students opted for Higher Studies	2024-2025	2023-2024	2022-2023	2021-2022
	-	-	-	-
Accreditation Status of the course			<a href="#">Accredited</a>	
Doctoral Courses			Yes	
Foreign Collaborations, if any			-	
Professional Society Memberships			IEEE, IE, CSI, ISTE, IEEE-CSI	
Professional activities: Technical activities such as Symposium, Workshops, Seminars and various technical events.				
	Consultancy activities		Yes 1. BS Teknology Pvt. Ltd., Madurai 2. Sri Muthumari Egg Traders, Kovilpatti	

**Departmental Achievements:**

- Anna University Chennai Sponsored FDTP 22.07.2024 – 27.07.2024
- NEC – NewGen – IEDC (Rs.2,50,000)

**NEW GEN IEDC/TNSCST/IE**

Student Project Achievements			
Year	Student Name	Project Title	Funding Agency
2023-2024	Shreelakshmi C	Hemipheligia Therapy Devicefor Stroke Patients	NewGen, IEDC
	Loga Naresh Manikandan A Prasanth M Vishal Ganapathy S	Mechanized Turnout	NewGen, IEDC

**DETAILS OF MOUs SIGNED**

S.No	MoU Title	Name of the Industry	Contact No of Industry	Email id of Industry	Validity
1	Product/ Project Development	Shanmuga AI Technologies Private Limited	91 63804 89692	Shanmuga AI Technologies Private Limited	21.09.2024 - 21.09.2027
2	Product/ Project Development	AgilityDelivered, India Private Ltd	+91 22 3989 2828	india@agility.com.	16.11.2024 - 16.11.2026
3	Product/ Project Development	Hudsmer Business Solutions	7779955393	reachus@hudsmerolutions.com	18.12.2024 - 18.12.2027

**Patent Details:**

S. No.	Patent Title, Application No. and Filed Date	Inventor	Status
1	An Apparatus for location tracking and monitoring the Occupancy Status of a Public Commuting Vehicle 20224100945/ 19.01.2022	Ms. V. Anitha, AP(SG) Mrs. N. Gowthami, AP	Grant
2	A System for Detecting Zero-Day and Spear Phishing Attack and Method of Working Thereof, 201941053278/ 21.12.2019	M. Satheesh kumar Dr. K.G. Srinivasagan, Prof	Grant

Name of the Department*	INFORMATION TECHNOLOGY			
Course	M.Tech. Information technology (Information and Cyber warfare)			
`Level	PG			
1st Year of approval by the Council		2012		
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022
	18	18	18	18
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022
	6	3	1	4
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022
	75%	70%	73%	70%
% Students passed with Distinction	2023 - 2024	2022-2023	2021-2022	2020-2021
	01	-	-	02
% Students passed with First Class	2023 - 2024	2022-2023	2021-2022	2020-2021
	-	4	4	Nil
Students Placed	2023 - 2024	2022-2023	2021-2022	2020-2021
	-	-	-	-
Average Pay package, Rs./Year	2023 - 2024	2022-2023	2021-2022	2020-2021
	3,5,00,00	-	Rs 4,00,000	Rs. 3,5,00,00
Students opted for Higher Studies	2023 - 2024	2022-2023	2021-2022	2020-2021
	Nil	Nil	Nil	Nil
Accreditation Status of the course			Not Applied for Accreditation	
Doctoral Courses			Yes	
Foreign Collaborations, if				
Professional Society Memberships - IEEE, IE, CSI, ISTE, IEEE-CSI				
Professional activities			Nil	
Consultancy activities			Nil	
Grants fetched from various organizations			-	
Departmental Achievements :			-	
Distinguished Alumni			-	

Name of the Department		Mechanical Engineering		
Level of Course		B.E. Mechanical Engineering (UG)		
1st Year of approval by the Council Yes				
Year wise Sanctioned Intake	2024-2025	2023-2024	2022-2023	2021-2022
	60	60	60	60
Year wise Actual Admissions	2024-2025	2023-2024	2022-2023	2021-2022
	59	60	60+1 (AFW)	63
Cut off marks – General quota	2024-2025	2023-2024	2022-2023	2021-2022
	119.5-167	118-167.5	83.5-169.5	129.5-181.7
No. of Students passed with Distinction	2024-2025	2023-2024	2022-2023	2021-2022
	20	28	31	17
No. of Students passed with First Class	2024-2025	2023-2024	2022-2023	2021-2022
		112	133(99.2%)	131 (96.3%)
Students Placed	2024-2025	2023-2024	2022-2023	2021-2022
	45	113	120	126
Average Pay package, Rs. /Year	2024-2025	2023-2024	2022-2023	2021-2022
	4.1 LPA	3.7 LPA	4.1 LPA	3.25 LPA
Students opted for Higher Studies	2024-2025	2023-2024	2022-2023	2021-2022
	9	7	5	4
Accreditation Status of the course			Accredited under Tier I	
Doctoral Courses			Yes	
Foreign Collaborations, if any			No	
Professional Society Memberships			ISTE,SAE,IE,ISHRAE	
Professional activities:				

**Consultancy activities**

Grants fetched from various organizations with name of the agency and amount:

<b>S. NO</b>	<b>Title of the Project/ Activity</b>	<b>Name of the Industry</b>	<b>Amount</b>	<b>DATE</b>	<b>Main or Consultant</b>
1	Energy Audit	Don Bosco College of Arts and science	10,000.00	15.04.2023 & 18.04.2023	K.Sudalaiyandi R.Jaya Venkatesh
2	Energy Audit	Hotel Sheraton, Bangalore (Joined with ITiFY Business services)	7,500.00	13.05.2023 to 17.05.2023	K.Sudalaiyandi
3	Energy Audit	Taj West End, Bangalore (Joined with ITiFY Business services)	7,500.00	16.05.2023 to 20.05.2023	R.Vignesh Kumar
4	Energy Audit	ITC Khopoli, Mumbai (Joined with ITiFY Business services)	5,000.00	05.06.2023 to 09.06.2023	K.Sudalaiyandi
5	Energy Audit	ITC Ranchi, Jharkhand (Joined with ITiFY Business services)	5,000.00	11.06.2023 to 15.06.2023	K.Sudalaiyandi
6	Energy Audit	BBM Packaging Private Limited, Bengaluru (Joined with ITiFY Business services)	6,500.00	22-07-2023 to 26-07-2023	K.Sudalaiyandi
7	Energy Audit	The Leela Kovalam, A Raviz Hotel, Kovalam(Joined with ITiFY Business services)	7,000.00	01.08.2023 to 04.08.2023	R.Jaya Venkatesh
8	Energy Audit	Hotel Le Méridien, Kochi (Joined with ITiFY Business services)	7,000.00	05.08.2023 to 07.08.2023	R.Jaya Venkatesh
9	Energy Audit	WavooWajeethaWomens College of Arts and Science	50,000.00	02.08.2023 to 03.08.2023	R.Vignesh Kumar K.Sudalaiyandi R.Jaya Venkatesh W.BenoWincy
10	Energy Audit	ITC Dairy plant, Munger, Bihar (Joined with ITiFY Business services)	7,000.00	09.08.2023 to 14.08.2023	K.Sudalaiyandi
11	Energy Audit	ITC Cookies plant, Uluberia, West Bengal (Joined with ITiFY Business services)	7,000.00	16.08.2023 to 20.08.2023	K.Sudalaiyandi
12	Energy Audit	AnnaiHajiraWomens College	50,000.00	01-09-2023 to 02-09-2023	R.Vignesh Kumar K.Sudalaiyandi R.Jaya Venkatesh W.BenoWincy
13	Energy Audit	Biological E Pvt.Ltd, Hyderabad	90,000.00	07-02-2024 to 17-02-2024	R.Vignesh Kumar K.Sudalaiyandi R.Jaya Venkatesh
14	Energy Audit	Energy Audit - Sadhak College	60000		R.Vignesh Kumar K.Sudalaiyandi R.Jaya Venkatesh

### **FUNDED RESEARCH PROJECTS**

<b>Name of the faculty</b>	<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Duration</b>	<b>Amount (Rs)</b>	<b>Status</b>
Principal Investigator: Dr.D.Ravindran Co- Investigator: Mr. D.Venkatkumar	Prediction and control of distortion in components during hard facing	BRNS	2 yrs	19,63,000	Completed
Principal Investigator: Dr.D.Ravindran Co- Investigator: Mr.T.Vigraman	Super plastic diffusion bonding of austenitic stainless steel with titanium alloy	AICTE	2 Yrs	6,30,000	Completed
Principal Investigator: Dr.K.Manisekar Co- Investigator: Mr.M.Kathiresan	Design and Development of large diameter Slewing ring bearing for FPR	BRNS	3 Yrs	21,00,000	Completed
Principal Investigator: Dr.D.Ravindran	Optimization of grain size for improving fatigue strength of 304 Hcu	BRNS	3 Yrs	33,52,500	Completed
Principal Investigator: Dr.K.KalidasaMurugavel	Labview Integrated Performance Monitoring and Analyzing Energy Data of Co-Located PV Power Plants with Different Technologies	AICTE/RPS	3 Yrs	12,50,000	Completed
Principal Investigator: Dr.K.KalidasaMurugavel	Experimental Study on Solar Steam Generation System with Compressed Water Thermal Energy Storage System	DST / SERI	2 Yrs	40,00,000	Completed
Principal Investigator: Dr.M.Kathiresan Co-Investigator: Dr.R.Harichandran	Investigation on Crashworthiness Characteristics of Bio-Inspired Thin-Walled Conical Tubular Members	SERB	3 Yrs	38,76,550	On going

**Patent Details:**

S.No	Name of The Applicant (S)/Assignee Name	Name of the Inventor(s)	Title	Application Number	Date of Filing	Date of Publication	Grant No	Date of Grant
1	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	1.P. Hariharasakthisudhan 2.G. Ramaiah 3.A. Selvakumar 4.K. Rakesh 5.S. Sankarakumar 6.M. Prabukannan	WATER TANK CLEANING DEVICE	201841037676	10/5/2018	10/12/2018	487877	22.12.2023
2	National Engineering College	1)M.Vivekanandan 2)K.Srivishnu 3)K.Thiruppathi 4)N.Anandharaj 5)V.Vijayabharathi	FINE DUST COLLECTOR A NOVEL METHOD OF COLLECTING PARTICULATE MATTER USING WET SCRUBBING TECHNIQUE	201941014227	4/9/2019	5/17/2019	437741	7.7.2023
3	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	D.Vignesh Kumar S.Rajakumar L.Karthikeyan J.DavidPrasannaraj	TRACTOR REAR LOADER	202041007421	2/21/2020	2/28/2020	487509	22.12.2023
4	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	M.Vivekanandan Aravind Prabakaran P.Periyanayaganathan K.P.Siva Sankaran R.Selva Arun S.Vishnu	SOLAR DRYER FOR AGRICULTURE PRODUCTS	202041007418	2/21/2020	2/28/2020	497785	11.01.2024
5	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	B.Paramasivan K.MohaideenPitchai D.Venkatkumar S.Dheenathayalan R.Vigneshwaran V.Jayaraman T.S.Easwar M.AhamedYaseer	AUTOMATIC FLOOR CLEANING AND MOPPING DEVICE	202041007307	2/20/2020	2/28/2020	488737	26.12.2023
6	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	K.Manisekar M.Kathiresan B.Ganapathy Ram K.R.Praveen Krishna M.Pravin M.Subramani A.Sakthi	A CANDY MAKING MACHINE	202041007310	2/20/2020	2/28/2020	393303	29.03.2022
7	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	Vijayakumar R Vigneshkumar R Hariharasudan V Guruessakiraj M	AN APPARATUS FOR THE DECLUTTERING REFUSE FROM FREE-FLOWING GARBAGE	202141060654	12/24/2021	1/7/2022	474747	29.11.2023

8	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	D Vignesh Kumar L Karthikeyan V Gowtham Sri Kumar	AN APPARATUS FOR REAPING OF SODIUM CHLORIDE	202141060655	12/24/2021	1/7/2022	427275	28.03.2023
9	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	K Sudalaiyandi R Jaya Venkatesh A Aakash Edwin R Sanjay B Venkatesh D Vignesh	AN APPARATUS FOR DERIVING A NATURAL SWEETENER	202141060656	12/24/2021	1/7/2022	487704	22.12.2023
10	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	Ramanan P Vijay Kumar R Venkatesh S Hirthik Joel E Vignesh R Udhayakumar B Sree Kumaran V	A PORTABLE APPARATUS FOR MAKING NIBBLES	202241010735	2/28/2022	3/4/2022	497711	11.01.2024
11	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	K.MANISEKAR B.ANNARAJ M.PRAVIN SAKTHI M.SUBRAMANI	AN APPARATUS FOR SYNTHESISING ACTIVATED CARBON	2.02241E+11	4/2/2022	4/8/2022	431040	03.05.2023
12	National Engineering College- new Generation Innovation and Entrepreneurship Development Centre	Dr. K. Thoufiq Mohammed	A Tabletop apparatus for the pounding of coreal grains	202241007607			544531	09.07.2024

Student Project Achievements			
Reg.No	Student Name	Project Title	Funding Agency
2110401	GOBI P	(Students Research Project Grant Undergraduate level) ISHRAE NEC Students Chapte	ISHRAE 1,00,000
2110006	AISHWARYA RG		
2110041	PARTHIBAN J		
2110002	MUNEESWARAN M		
2010026	SELVA KUMAR B		
2010018	EBI SHANTHAKUMAR P		
2010008	MANIKANDAN A		
2010012	THANGAMUNIYASAMY A		
2010065	BALAGANESH.P		
2010401	STEPHEN JEBARAJ.M		
2010408	MATHAVAN.B		
2010054	SEENIVASAN.R	Bharath Cycle Design Challenge (BCDC) conducted by the All India Council for Technical Education (AICTE)	Chanakya University, Bangalore Rs. 40,000
2010065	BALAGANESH.P		
2010401	STEPHEN JEBARAJ.M		
2010408	MATHAVAN.B		
2210032	Sathya seelan G	Research X	SYNERGY 2025 Technical Symposium conducted by Department of Mechanical Engineering , National Institute of Technology, Trichy Rs.6,500
2210038	Benial Raven D	Brainz and boltz	
2210032	Sathya seelan G		
2210038	Benial Raven D	Mechascra	
2210405	Ram kumar S		
2210057	Abinsasha P		
2210038	Benial raven D		
2210032	Sathyaseelan G		
2210403	Vimal raj S		
2210032	Sathya seelan G	Truss it	
2210038	Benial Raven D		

**List the distinguished alumni of the department**

<b>Sl. No .</b>	<b>Name of the Distinguished Alumni</b>	<b>Details of Occupation</b>	<b>Batch</b>	<b>Contact</b>	<b>Mail id</b>
1	Mr.S.Suresh	Vice President, Manufacturing, Wheels India Limited, Chennai	1988	9840975373	ssures@yahoo.com
2	Mr.P.Muniyandi	Principal Scientific Officer, Bharat Earth Movers Limited, New Thippasandra, Bangalore	1990	9445383730	munis.p2002@gmail.com munis_p2002@yahoo.co.in
3	Mr.R.KandaSubburaj	Mr. R. Kanda Subburaj, Managing Director, Gulf Asia Engineering and Projects Pvt. Ltd, Chennai.	1991	9840913772	Kandasubburajr@gaep.co
4	Mr.K.Monickavasagom	Principal Scientist/Propulsion Division, CSIR - National Aerospace Laboratories, Bangalore	1991	9449817380	kmpillai@hotmail.com
5	Mr.P.S.Sriram	Mr. P. Sriram, Joint Executive President, Ultratech in Aditya Birla Group, Pune, Maharastra.	1991	9677138444	pssriram123@yahoo.co.in
6	Mr.M.Rajkumar	Manager, Bharat Electronics Limited,Industrial Engineering Department, Bangalore	1993	9611338113	rajkumardheenu@gmail.com
7	Mr.K.Ramesh	Deputy General Manager, M/S. TVS & Sons Ltd, Construction Equipment & Material Handling	1993	9840108076	k.ramesh.tvschn@tvs.in k.ramesh.tvschn@gmail.com
8	Dr.A.Arockiarajan	Professor, Department of Applied Mechanics, IIT Madras, Chennai	1997	9884953470	arockiarajan@gmail.com
9	Dr. K. Murugan	Scientist –E, Centre for Engineered Coatings (CEC), ARCI, Hyderabad.	1999	9490703950	murugan@arci.res.in murugan_269772000@yahoo.co.in

10	Mr. MasthanAbukani	Launch and Change Engineer, BMW, USA.	2002	+1-8645587249 +1-8643267535	masthanaliraja.a@gmail.com
11	Dr.K. Subburaj	Assistant Professor, Engineering Product Development (EPD), Singapore University of Technology and Design (SUTD).	2003		ksubbuk@rediffmail.com
12	Mr.Baskara Ramamurthy V	Project Manager, Ford Motor Company, USA	1989	+1-734941828	bvaranasi16@yahoo.com
13	Mr.M.GaneshThirunavukkarasu	Regional Head - Academic Interface Programme, Tata Consultancy Services, Chennai	2002		mganesh81@rediffmail.com
14	Mr. T.Raj Nirmal	Sr. Manager, HCL Axon Technologies Inc.,Canada	2004	9894349282	mechna2004@yahoo.com
15	Mr. Solairajesh	Assistant Manager, IDBI Bank	2017	9487784184	rajeshtamilanban@gmail.com
16	Mr. G.Raja	St.John freight systems Exports ltd. Tuticorin			
17	Mr. A. Aswinsriram	Manager-Research & Development, Vehicle Design-two wheelers, Bajaj Auto Limited, Pune.	2007	8888840960	aswinsriram.a@gmail.com
18	Mr. E. Sushil Sivanesh	Mechanical Designer, 2MT Mining Products, Mackay.	2015	+61-452634823	sushilsivanesh@gmail.com
19	Mr. C.M.Marsal	Data Patterns (India) Pvt. Ltd., Mechanical Product development Engineer, Chennai	2019	9585467265	marshallcm3@gmail.com
20	Dr.Seeni Kannan	Dean and hod mechanical at AAA College of Engineering & Technology	1990	9486140536	seenipkannan@gmail.com
21	Dr.Kapilan N	Professor and Head at Nagarjuna College of Engg and Technology	1996	9845418874	Kapilan.natesan@gmail.com
22	Sudhakar V	Proprietor at VS-SOLAR	1988	+91-9443303084	vspostbox@yahoo.com

23	JeganAvudaiappan Subbiah	Senior Engineering Manager- R&D and Product Support- Renewables at Larsen and Toubro Limited	2010	9095426919	sjegan20@gmail.com <a href="mailto:unilixireq@gmail.com">unilixireq@gmail.com</a>
24	Thambu Siva Subramanian R	Proprietor at samudhra foods and chemicals exim	2006	+91-91 7373299777	r.thambusiva@gmail.com Thambu@samudhrafoods.com
25	Parthasarathy Govindaraj	Project Engineering Manager at Dow Benelux B.V	2004	+31- 653662244	rushtosarathy@gmail.com




**Laboratory details:**

S.No	Department	Laboratory Name	Cost
1	<b>Artificial Intelligence and Data Science</b>	Data Analytics Laboratory	Rs. 34,51,700
2		Artificial Intelligence Laboratory	Rs. 35,69,868
3		Deep Learning Laboratory	Rs. 34,82,685
1	<b>CIVIL ENGINEERING</b>	Survey Laboratory	Rs. 24,51,328
2		Environmental Engineering Laboratory	Rs. 7,88,027
3		CADD Laboratory	Rs. 33,54,480
4		Concrete and Highway Laboratory	Rs. 22,96,155
5		Soil Mechanics Laboratory	Rs. 12,17,063
1	<b>Computer Science and Engineering (CSE)</b>	Artificial Intelligence & Deep Learning Lab	Rs. 29,51,525
2		Interactive Computing Laboratory	Rs. 49,89,976
3		Dr.A.P.J.Abdulkalam Computer Centre	Rs. 32,44,968
4		Dr.Sir.C.V.Raman Computer Centre	Rs. 12,25,203
5		Cisco Networking Academy	Rs. 24,14,637
6		Remote Monitoring Management and Information Security Lab	Rs. 52,83,558
7		Charles Babbage Computer Centre (First -Year)	Rs. 29,46,424
8		Image Processing Research Center	Rs. 7,60,050
9		DRDO Funded Project Laboratory	Rs. 28,94,846
10		AICTE-CSE (MODROBS) Funded Project – Adroit Soft Innovation Center	Rs. 6,98,350
11		IE(I) & CSI Funded Project Laboratory	Rs. 2,23,144


S.No	Department	Laboratory Name	Cost
1	<b>ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)</b>	ELECTRICAL MACHINES LAB	Rs.1,32,46,417.00
2		POWER ELECTRONICS AND DRIVES LAB	Rs.37,42,833.94
3		ELECTRONICS LAB	Rs.1,870,783.98
4		CONTROL & INSTRUMENTATION LAB	Rs.35,27,894.19
5		ELECTRICAL WORKSHOP	Rs.6,59,710.64
6		COMPUTER LAB & RESEARCH SIMULATION LAB	Rs.1,07,83,891.98
7		PROJECT LAB	Rs.5,08,375.70
8		HIGH VOLTAGE LAB	Rs.58,96,314.25
9		LIQUID DIELECTRICS LAB	Rs.5,59,212.68
10		SMART PROTECTION AND CONTROL LAB	Rs.19,97,629.00
11		ELECTRICAL MACHINES LAB	Rs.1,32,46,417.00
1	<b>ELECTRONICS &amp; COMMUNICATION ENGINEERING (ECE)</b>	Embedded System Lab	Rs22,19,504
2		Digital Signal Processing Lab	Rs 57,64,970
3		PG Lab	Rs20,41,943
4		Networks Lab	Rs 30,49,311
5		Microprocessor Lab	Rs 20,58,553
6		Linear Integrated Circuits Lab	Rs 15,32,879
7		Electron Devices Lab	Rs 7,18,456
8		Electronic Circuits Lab	Rs 2,94,548
9		VLSI Lab	Rs40,52,059
1	<b>IT</b>	ADA Lovelace Computer Center (UG Lab I, II & Research and Development Lab)	Rs.54,08,886 /-
2		Open Source Software Lab (UG Lab III)	Rs.36,84,534 /-
3		Research and Project Lab	Rs.8,25,700 /-
1	<b>MECH</b>	MACHINE SHOP	Rs.19,01,864.48
2		IC ENGINES LAB	Rs.16,58,169.50
3		HEAT AND MASS TRANSFER LAB	Rs.3,52,529.49
4		STEAM LAB	Rs.1,13,474.05
5		MATERIAL TESTING LABORATORY	Rs.4,29,699.95
6		HYDRAULICS LAB	Rs.7,41,789.45
7		AUTOMATION LAB	Rs.1,82,4807.97

8		METROLOGY LAB	Rs.1,07,6672.03
9		DYNAMICS LAB	Rs.1,28,6412.56
10		CAD LAB	Rs.7,17,6801.50
11		ADVANCED COMPUTING LAB	Rs.1,82,6994.00
12		ADVANCED ENGINEERING MATERIAL LAB	Rs. 58,44,660.50
13		CDIO LAB	Rs.4,85,611.57
14		AICTE RPS PROJECT	Rs.12,00,000.00
15		DST - SERI R&D PROJECT	Rs.19,37,250.00
16		DIGITAL FABRICATION LAB	Rs.43,92,163.00
17		CAM LAB	Rs. 40,45,156.06
18		WORKSHOP LAB	Rs.3,22,270.22
19		NON-DESTRUCTIVE TESTING LAB	Rs.18,80,404.00
20		METALLURGY	Rs.62,868.31
21		ENERGY SIMULATION LAB & ENERGY PARK	Rs.58,7365.00
1		English Language Lab	35,24,992/-
2		Physics Laboratory	17,82,689/-
3		Chemistry Research Centre	92,41,178/-
4		Chemistry Laboratory	3,25,267/-


## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE


Name of the Teaching Staff	Dr. V. Kalaivani M.E.,Ph.D.,		
Date of Birth & Age	10.07.1975 & 49 years		
AICTE Faculty ID	1-4552533139		
Anna University ID	306755		
Designation	Professor and Head		
Date of Joining the Institution	11-06-1997		
College mail id	hodai@nec.edu.in		
Qualification with Class / Grade	UG- First Class with distinction	PG- First Class with Distinction	Ph D - ICE
Total Experience in Years	Teaching – 27 Years 9 Months	Industry -Nil	Research – 20
Area of Specialization	Data Analytics, Machine Learning, Medical Image Analysis, Web mining.		
Papers Published in Journals	National - Nil	International -43	
Papers Presented in Conferences	National -20	International -24	
PhD Guide / Give field & University	Data Analytics, Machine Learning, Medical Image Analysis, Web mining.	Anna University Chennai	
PhDs / Projects Guided	Ph.Ds – 5 Completed + 4 Pursuing	Projects at Masters Level - 49	
IPRs/ Patents	Nil		
Books Published	“Web Technology: Principles and Practices”, book published by Sree Magnus Publications, Chennai.		
Professional Memberships	1.Life Member in Indian Society for Technical Education(ISTE) 2. MIE in Institution of Engineers (India) Kolkata. 3. IEEE Member		
Consultancy Activities	1. M/s Embris Global Solutions, Chennai for Automation of robots systems during April 2021 – Feb 2022 2. M/s Vlinder Labs Pvt Ltd, Bangalore for Development of AI based projects for real time applications during Sep 2024 – Mar 2025 for Rs. 1,50,000.		
Awards	1. University I Rank in BE and College III Rank in ME degree		


	<p>2. Best Paper award in International conference on Emerging Trends in Engineering Technologies (ICETES'10), NI University, Tuckalay on 25.03.2010.</p> <p>3. Innovative Student Project Award, Indian National Academy of Engineering(INAE), 2013 for the Project is selected "Real Time Diagnosis System for Cardiac Arrhythmia Disease Based on HRV Features Using Data Mining Techniques"</p>
<b>Grants fetched</b>	<p>1. New Gen IEDC project titled, "Advanced Handwriting Machine" funded by New Gen IEDC, Delhi with amount of Rs.30,280.</p> <p>2. Principal Investigator for the Research Project funded by Institution of Engineers(India), Kolkatta titled "Automated weed eradication system using embedded techniques" and the sanctioned amount is Rs.60,000/- during 2017-18.</p> <p>3. Fund Rs.2,05,000 is received from IEEE, TCS, BRNS, ISRO for organizing IEEE International Conference on Computing Technologies and Intelligent Data Engineering (ICCTIDE'16) during 7-9, January 2016.</p> <p>4. Funded by AICTE, for organizing National level online Conference on "Data Science and Intelligent and Information Technology" during 14.05.2021 &amp; 15.05.2021.</p> <p>5. Grant received CSIR for organizing "Two days 9th National Conference on Image Processing and Networking "NACIPAN'13" 01.03.2013 &amp; 02.03.2013 for Rs. 50,000.</p> <p>6. Grant received from Department of Science and Technology for conducting "Two days National seminar on Research Issues and Challenges in Cognitive Science" from 01.02.1013 and 02.02.2013 for Rs. 25,000.</p> <p>7. Grant received from Anna University, Chennai for conducting "Two weeks Faculty Development Training Programme" on "Web Technology" from 07-11-2005 to 19-11-2005 for Rs 40,000.</p>
<b>Interaction with Professional Institutions</b>	<p>1. BoS member</p> <p>2. DC member</p> <p>3. Delivered Guest Lectures and acted as session chair in conference.</p> <p>4. Member in Technical, Programme advisory and Review committees.</p>


Name of Teaching Staff	Dr.B. PARAMASIVAN		
Date of Birth & Age	25.04.1967 & 57 Years 10 Months		
AICTE Faculty ID	1 - 455253131		
Anna University ID	2240221		
Designation	PROFESSOR		
Date of Joining the Institution	25/08/1989		
College mail id	bparamasivan@nec.edu.in		
Qualification with Class / Grade	UG- First Class	PG- M.E(First Class)	Ph D - ICE
Total Experience in Years	Teaching – 35 Years 6 Months 27 days	Industry - Nil	Research – 20
Area of Specialization	Wireless Sensor Networks.		
Papers Published in Journals	National - 5	International - 46	
Papers Presented in Conferences	National -7	International - 38	
PhD Guide / Give field & University	Wireless Sensor Networks	Anna University Chennai. MS University Tirunelveli.	
PhDs / Projects Guided	Ph.Ds – 23 Completed + 3 Pursuing	Projects at Masters Level - 62	
IPRs/ Patents	2		
Books Published	1		
Professional Memberships	IEEE, IECI, CSI, ISTE.		
Consultancy Activities	Tata Power Company Ltd., “Strategic Division Engineering” service in the area of Intelligence – Received Rs.3,60,000/-		
Awards	Applied for Scientist Award in TNSCST		
Grants fetched	Rs. 12,19,500 received from DRDO Rs.6,80,000 received from AICTE(MODROBS) Rs. 1,50,000 received from IE(I)		


	Rs. 9,70,000 received from AICTE Rs. 5,00,000 received from NewGen IEDC
<b>Interaction with Professional Institutions</b>	<ol style="list-style-type: none"> <li>1. BoS member</li> <li>2. DC member</li> <li>3. Delivered Guest Lectures and acted as session chair in conference.</li> <li>4. Member in Technical, Programme advisory and Review committees.</li> </ol>

Name of the Teaching Staff	V.VEERA ANUSUYA		
Date of Birth & Age	05-06-1992 & 32 years		
AICTE Faculty ID	1-7351629651		
Anna University ID	299287		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	07-04-2022		
College mail id	veeraanusuya_cse@nec.edu.in		
Qualification with Class / Grade	UG- First Class	PG- M.E(First Class with Distinction)	Ph D - Pursuing
Total Experience in Years	Teaching – 5 Years 9 Months	Industry - Nil	Research – 3years
Area of Specialization	Artificial Intelligence, Machine Learning, Deep Learning, Medical Image Processing		
Papers Published in Journals	National -	International -1	
Papers Presented in Conferences	National -	International -11	
PhD Guide / Give field & University	Nil	Nil	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level -	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	K R INDIRA		
Date of Birth & Age	23.10.1990 & 34		
AICTE Faculty ID	1-3550405558		
Anna University ID	299272		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	13.06.2024		
College mail id	indira-aids@nec.edu.in		
Qualification with Class / Grade	UG-75% First Class	PG- M.E- 77% First Class	Ph D - NIL.
Total Experience in Years	Teaching – 7 Years 7 Months	Industry - Nil	Research -NIL
Area of Specialization	Image Processing		
Papers Published in Journals	National -0	International -3	
Papers Presented in Conferences	National -1	International -4	
PhD Guide / Give field & University	NIL	NIL	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	NIL		
Books Published	NIL		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		


Name of the Teaching Staff	K.POORANI		
Date of Birth & Age	01-06-1985 & 39		
AICTE Faculty ID	1-43419148123		
Anna University ID	299125		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	09-01-2023		
College mail id	poorani-ai@nec.edu.in		
Qualification with Class / Grade	UG- First Class	PG- M.E(First Class)	Ph D -Pursuing
Total Experience in Years	Teaching – 3 Years 9 Months	Industry - Nil	Research –
Area of Specialization	Artificial Intelligence, Machine Learning, Deep Learning, Medical Image Processing		
Papers Published in Journals	National - Nil	International - Nil	
Papers Presented in Conferences	National -4	International - 3	
PhD Guide / Give field & University	Nil	Nil	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Got funded project on “Advanced Handwriting Machine” with cash of Rs. 30,280/-		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	Ms.P.Rampriya		
Date of Birth & Age	09/09/1993 & 31 years		
AICTE Faculty ID	1-43527289042		
Anna University ID	299343		
Designation	Assistant Professor		
Date of Joining the Institution	10.05.2023		
College mail id	rampriya-aids@nec.edu.in		
Qualification with Class / Grade	UG-B.E- First Class	PG- M.E First class with Distinction	Ph D -.Pursuing
Total Experience in Years	Teaching – 1 Year 10 Months	Industry - Nil	Research -
Area of Specialization	Artificial Intelligence, Machine Learning		
Papers Published in Journals	National - Nil	International -1	
Papers Presented in Conferences	National – Nil	International – 2	
PhD Guide / Give field & University	Nil	Nil	
PhDs / Projects Guided	Ph.Ds – Nil	Projects at Masters Level -Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Associate Member (Institution of Engineers)India Membership number-AM1708891		
Consultancy Activities	Hostwire systems,chennai		
Awards	Nil		
Grants fetched	1.Automated Robotics weed Eradication system using Embedded techniques funded by Institution of India,Kolkatta,Rs.60,000 2. Got funded project on “Eye Monitoring system”with cash of Rs.10,000		
Interaction with Professional Institutions	Nil		


<b>Name of the Teaching Staff</b>	Ms. G.Dhivya		
<b>Date of Birth &amp; Age</b>	16.08.1993 & 31 years		
<b>AICTE Faculty ID</b>	1-43805593901		
<b>Anna University ID</b>	306470		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	01.06.2023		
<b>College mail id</b>	dhivya-aids@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-83.8% First Class	PG- M.E - 88.7% First Class with Distinction	Ph. D - Pursuing
<b>Total Experience in Years</b>	Teaching – 1 year 9 months 13 days	Industry - Nil	Research - Nil
<b>Area of Specialization</b>	Machine Learning, Deep learning		
<b>Papers Published in Journals</b>	National - Nil	International - 1	
<b>Papers Presented in Conferences</b>	National - Nil	International - Nil	
<b>PhD Guide / Give field &amp; University</b>	Nil	Nil	
<b>PhDs / Projects Guided</b>	Ph.Ds - 0	Projects at Masters Level - 0	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	1. Secured 13 <sup>th</sup> university rank in Master's degree 2. Received Kamaraj award for securing 1 <sup>st</sup> mark in HSC		

<b>Grants fetched</b>	<ol style="list-style-type: none"> <li>1. Received NewGen IEDC funded project titled “Eye Monitoring System “ worth of Rs.10,000</li> <li>2. Received fund for project “ Noise absorbing composite materials using Agro Waste Products “ from TamilNadu Startup TN scake-up Programme – Waste to Wealth of Rs.10,000</li> <li>3. Received fund for “Pyrolysis for Bio resource Conversion” from TamilNadu Startup TN scake-up Programme – Waste to Wealth of Rs.5,000</li> </ol>
<b>Interaction with Professional Institutions</b>	Nil


Name of the Teaching Staff	P. Swarna Gowsalya		
Date of Birth & Age	07.11.1998 & 26		
AICTE Faculty ID	1-44720845912		
Anna University ID	306538		
Designation	Assistant Professor		
Date of Joining the Institution	29.05.2024		
College mail id	swarna-aids@nec.edu.in		
Qualification with Class / Grade	UG- B.E 7.01	PG- M.E 8.7 First Class with distinction	Ph D -.Nil
Total Experience in Years	Teaching 9 months	Industry -Nil	Research - Nil
Area of Specialization	Data Visualization, Medical Image processing		
Papers Published in Journals	National - Nil	International - Nil	
Papers Presented in Conferences	National - Nil	International - 1	
PhD Guide / Give field & University	Nil	Nil	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


<b>Name of the Teaching Staff</b>	Ms. M. Saranya		
<b>Date of Birth &amp; Age</b>	17.04.2001 & 23 years		
<b>AICTE Faculty ID</b>	1-44720846053		
<b>Anna University ID</b>	306589		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	03.06.2024		
<b>College mail id</b>	saranyaai@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- First Class	PG- M.E – First class with Distinction	Ph D -.Nil
<b>Total Experience in Years</b>	Teaching 9 months 13 days	Industry -Nil	Research -
<b>Area of Specialization</b>	Computer Vision		
<b>Papers Published in Journals</b>	National - Nil	International - Nil	
<b>Papers Presented in Conferences</b>	National - Nil	International - 2	
<b>PhD Guide / Give field &amp; University</b>	Nil	Nil	
<b>PhDs / Projects Guided</b>	Ph.Ds - Nil	Projects at Masters Level - Nil	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		

## DEPARTMENT OF CIVIL ENGINEERING


Name of the Teaching Staff	Dr. I. Padmanaban		
Date of Birth & Age	09.01.1978 & 47		<div>Photo</div> 
AICTE Faculty ID	1-3227996297		
Anna University ID	295727		
Designation	Professor & Head Civil Engineering		
Date of Joining the Institution	06-05-2024		
College mail id	hodcivil@nec.edu.in		
Qualification with Class / Grade	UG- First Class With Distinction	PG- M.E - First Class With Distinction	Ph D -.
Total Experience in Years	Teaching –23	Industry -1	Research -20
Area of Specialization	Advanced Concrete Technology		
Papers Published in Journals	National -	International -	
Papers Presented in Conferences	National -	International -	
PhD Guide / Give field & University	2310173 Anna University	Advanced Concrete Composites and Repair Rehabilitation of structures	
PhDs / Projects Guided	Phds-4 Guided 1 ongoing	Projects at Masters Level -	
IPRs/ Patents	NIL		
Books Published	NIL		
Professional Memberships	MISTE		
Consultancy Activities	Executed Consultancy activities to worth of 7 lakhs in Structural and Soil Engineering		
Awards	<ul style="list-style-type: none"><li>● Dr. APJ Abdul Kalam Teaching Excellence award , Marina Labs, Chennai, 2017</li><li>● The Best faculty of Civil Engineering under Senior Category by Nehru Group of Institutions.</li><li>● HOD of the Year 2020 awarded by InSc (Institute of Scholars )</li><li>● Education Hero Award 2023 by EGN India</li></ul>		
Grants fetched	Grants worth of 32 lakhs were obtained from various agency such AICTE, DRDO,CSIR		
Interaction with Professional Institutions	1. Delivered lecture on ‘Special concrete applications in Civil Engineering’ at KPR institute of Technology, Coimbatore.		


	<ol style="list-style-type: none"><li>2. Delivered guest lecture on ‘Industry expectations from Civil Engineering’ at Sri Ramakrishnan College of Engineering and Technology</li><li>3. Delivered lecture “Smart sensor applications in Civil Engineering” in Akasya college of Engineering and Technology, Coimbatore</li></ol>
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Name of the Teaching Staff	DR.V.KANNAN		
Date of Birth & Age	19.04.1981 & 44		
AICTE Faculty ID	1-7430894420		
Anna University ID	296059		
Designation	Professor		
Date of Joining the Institution	17.08.2022		
College mail id	vkncivil@nec.edu.in		
Qualification with Class / Grade	UG-B.E- First	PG- M.E - Distinction	Ph D -.Civil Engg.
Total Experience in Years	Teaching – 17 year	Industry -5 years	Research – 1.5 years
Area of Specialization			
Papers Published in Journals	National - 00	International - 28	
Papers Presented in Conferences	National - 00	International -03	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds - 01	Projects at Masters Level -00	
IPRs/ Patents	02 granted + 03 Published		
Books Published	02		
Professional Memberships	03		
Consultancy Activities	09		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	Dr.C.Chella Gita		
Date of Birth & Age	23.06.1978 & 46 Yrs		
AICTE Faculty ID	1-3558397017		
Anna University ID	290490		
Designation	Associate Professor		
Date of Joining the Institution	19.05.2017		
College mail id	ccgcivil@nec.edu.in		
Qualification with Class / Grade	UG- BE Civil First Class	PG- M.E Structural Engineering First Class with Distinction	Ph D -. Civil Engineering
Total Experience in Years	Teaching – 21	Industry -2	Research -
Area of Specialization	Development and characterization of special concrete		
Papers Published in Journals	National - 02	International - 15	
Papers Presented in Conferences	National - 03	International - 17	
PhD Guide / Give field & University	4110013 Anna University	Advanced Concrete Composites and Earthquake resisting structures	
PhDs / Projects Guided	Ph.Ds – 01 Guiding	Projects at Masters Level - 05	
IPRs/ Patents	Development of Light Weight Polystyrene Concrete with Fibers Application No.202421030017 A Published on 03/05/2024		
Books Published	-		
Professional Memberships	<ul style="list-style-type: none"><li>Life Member (No. 74265), ISTE</li><li>Member International Society for Research and Development</li><li>Member (289681) IA-ENG, International Association of Engineering</li></ul>		
Consultancy Activities	<ul style="list-style-type: none"><li>Verification of Structural Design and Drawing in the DPR for the NABARD XXIX Bridge Work at South Main Channel at Angamangalam Road In Puraiyur Panchayat in Alwarthirunagari Block worth Rs 40000/-</li></ul>		


	<ul style="list-style-type: none"> <li>• Verification of Structural Design and Drawing in the DPR for the NABARD XXIX Bridge Work at South Main Channel at Uppodai branch channel along Madurai Kanyakumari road to Nagampatti road in Savalaperi panchayat worth RS 80000/-.</li> <li>• Vetting of Structural Design and Drawing of Construction of Bridge across Koovaikinaru Odai at CH 500 of Komaneri Road at Komaneri Panchayat in Sathankulam Block Thoothukudi Dist.</li> <li>• Vetting of Structural Design and Drawing Construction of Bridge across Santhanakkatti Odai along km ¼ of Savalaperi to Ulakudi Road at Alanda Panchayat in Karungulam Block Thoothukudi Dist.</li> <li>• Vetting of Structural Design and Drawing Construction of Bridge across Pottallurani supply channel along Perurani Melathattaparai Road km 0/4 at Thimmarajapuram Panchayat in Thoothukudi Dist.</li> </ul>
<b>Awards</b>	Honored with University Second Rank Holder in Under Graduate Civil Engineering Programme in April 2000 by Manonmaniam Sundaranar University.
<b>Grants fetched</b>	<p>1. Pozzolanic Reactivity of Corn husk and Corn cob ash in cement Based composites Funding By : NEC Research Seed Grants,85000, Feb 2022- Feb 2024</p> <p>2. Pozzolanic reactivity of corn husk ash as a supplementary cementitious material, Funding By : Tamilnadu State Council for Science and Technology Students Project Scheme March 2022</p> <p>3. Effective Precoating treatment for recycled concrete aggregate to improve the compressive strength of concrete Funding By : Tamilnadu State Council for Science and Technology Students Project Scheme March 2023</p> <p>4. Toughness study on steel polyester hybrid fiber reinforced concrete. Funding By : Tamilnadu State Council for Science and Technology Students Project Scheme March 2017</p>
<b>Interaction with Professional Institutions</b>	<ul style="list-style-type: none"> <li>➤ Delivered Guest lectures in Faculty development programme and Seminar</li> <li>➤ Acted as a Civil Engg Department expert in NBA mock peer team visit</li> <li>➤ Acted as an expert in External academic audit visit</li> <li>➤ Question paper setting and scrutiny</li> <li>➤ Doctoral Committee members for Ph D Scholars</li> </ul>


Name of the Teaching Staff	M BALAMAHESWARI		
Date of Birth & Age	07-05-1988 & 36		
AICTE Faculty ID	1-7472288263		
Anna University ID	290561		
Designation	Assistant Professor		
Date of Joining the Institution	15-05-2019		
College mail id	mbicivil@nec.edu.in		
Qualification with Class / Grade	UG- BE Civil Engineering- First Class with Distinction	PG- M.E- Soil Mechanics and Foundation Engineering First Class with Distinction	Ph D -.Pursuing
Total Experience in Years	Teaching –10 years 7 months	Industry - Nil	Research -
Area of Specialization	Geotechnical ENGINEERING		
Papers Published in Journals	National -1	International -2	
Papers Presented in Conferences	National -4	International -4	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds --	Projects at Masters Level --	
IPRs/ Patents	1 Patent Published		
Books Published	Nil		
Professional Memberships	MISTE & IGS Life Member		
Consultancy Activities	RS 2.7 Lakh		
Awards	University Rank Holder UG & Best Paper Award		
Grants fetched	2 DST funded Newgen IEDC Projects- Rs5 Lakhs		
Interaction with Professional Institutions	Guest Lecture Delivered in SCAD College of Engineering & CO-Chair in WIGC 2024		


Name of the Teaching Staff	ARULPANDIAN V		
Date of Birth & Age	18.04.1993 & 31		
AICTE Faculty ID	1-46300083647		
Anna University ID	295085		
Designation	Assistant Professor (Senior Grade)		
Date of Joining the Institution	19.05.2019		
College mail id	vancivil@nec.edu.in		
Qualification with Class / Grade	UG- B.E	PG- M.E	Ph D -.Pursuing
Total Experience in Years	Teaching – 8Y 9M	Industry - Nil	Research -
Area of Specialization	Structural Engineering, Concrete Technology		
Papers Published in Journals	National - 02	International -01	
Papers Presented in Conferences	National - 01	International -05	
PhD Guide / Give field & University	Dr.S.Nagan Professor Civil Engineering	Thiagarajar College of Engineering, Madurai/ Anna University,Chennai Field: Geopolymer concrete	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Associate membership in IEI - AM3130560		
Consultancy Activities	Acted as Co-PI for Bridge vetting work under the government of tamilnadu with the worth of Rs.80,000 (23-24) and Rs.60000(24-25)		
Awards	44 <sup>th</sup> Rank Holder in Anna University,Chennai During UG Gold Medalist in PG		
Grants fetched	-		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	GOWTHAM B		
Date of Birth & Age	25-06-1992		
AICTE Faculty ID	1-9312331367		
Anna University ID	289906		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	24.08.2020		
College mail id	gowtham-civil@nec.edu.in		
Qualification with Class / Grade	UG-First Class with Distinction	PG- M.E-First Class with Distinction	Ph D -.provisionally confirmed
Total Experience in Years	Teaching – 7 year 6 months 6 days	Industry - Nil	Research -
Area of Specialization	Environmental Engineering		
Papers Published in Journals	National -	International - 4	
Papers Presented in Conferences	National -	International -	
PhD Guide / Give field & University		Environmental Engineering, Anna University	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	1(Patent No-555968)		
Books Published	-		
Professional Memberships	Indian Society for Technical Education(ISTE)		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		


Name of the Teaching Staff	Kasirajan P		
Date of Birth & Age	27.01.1992 & 33		
AICTE Faculty ID	1-2052882043		
Anna University ID	288781		
Designation	Assistant Professor		
Date of Joining the Institution	24.08.2022		
College mail id	pkrcivil@nec.edu.in		
Qualification with Class / Grade	UG-B.E.-I Class	PG-M.E.-I Class	Ph.D - Nil
Total Experience in Years	Teaching – 9.5	Industry - Nil	Research - Nil
Area of Specialization	Environmental Engineering		
Papers Published in Journals	National - Nil	International - Nil	
Papers Presented in Conferences	National - 1	International - 2	
PhD Guide / Give field & University	NA	NA	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	One patent filed		
Books Published	Nil		
Professional Memberships	Life Member in ISTE		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	ASHOKPANDIYAN M		
Date of Birth & Age	09/June/1992 & 32		
AICTE Faculty ID	1-3583415203		
Anna University ID	288879		
Designation	Assistant Professor		
Date of Joining the Institution	13.05.2023		
College mail id	Ashokpandiyar-civil@nec.edu.in		
Qualification with Class / Grade	UG-B.E FWD	PG- M.E FWD	Ph D -.Nil
Total Experience in Years	Teaching –8.5	Industry - Nil	Research -Nil
Area of Specialization	Structural Engineering		
Papers Published in Journals	National -3	International -Nil	
Papers Presented in Conferences	National -2	International -Nil	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -Nil	Projects at Masters Level -Nil	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	3		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	MARIMUTHU K		
Date of Birth & Age	06-06-1993 & 32		
AICTE Faculty ID	1-7398577255		
Anna University ID	289496		
Designation	Assistant Professor		
Date of Joining the Institution	12-05-2023		
College mail id	Marimuthu-civil@nec.edu.in		
Qualification with Class / Grade	UG – B.E., I Class	PG - M.E., I Class	Ph.D - Nil
Total Experience in Years	Teaching – 7.5	Industry -Nil	Research - Nil
Area of Specialization	STRUCTURAL ENGINEERING		
Papers Published in Journals	National -Nil	International - 12	
Papers Presented in Conferences	National - Nil	International - 1	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - 1	
IPRs/ Patents	Patents – 2 filed		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	2		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	KANNAN S		
Date of Birth & Age	09.05.1991 & 34		
AICTE Faculty ID	1-13538915031		
Anna University ID	295157		
Designation	Assistant Professor		
Date of Joining the Institution	29.09.2021		
College mail id	skncivil@nec.edu.in		
Qualification with Class / Grade	UG- Fisrt	PG- M.E	Ph D -.
Total Experience in Years	Teaching – 7 Years 8 months	Industry - Nil	Research - Nil
Area of Specialization	Structural Engineering		
Papers Published in Journals	National - Nil	International - 6	
Papers Presented in Conferences	National - Nil	International - 6	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	Vetting work		
Awards	-		
Grants fetched	Co-investigator in Corroscence Research Lab through seed money proposal for AY 2024-25.		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	G. BALAMURALI		
Date of Birth & Age	12.11.1992 & 32		
AICTE Faculty ID	1-3583918453		
Anna University ID	291959		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	30.08.2023		
College mail id	<a href="mailto:balamurali-civil@nec.edu.in">balamurali-civil@nec.edu.in</a>		
Qualification with Class / Grade	UG- BE Civil Engineering	PG- M.E Transpiration Engineering	Ph D -.NIL
Total Experience in Years	Teaching – 6.7 years	Industry – 1 year	Research – Nil
Area of Specialization	Transportation Engineering		
Papers Published in Journals	National -1	International -0	
Papers Presented in Conferences	National -1	International -0	
PhD Guide / Give field & University	Pavement Engineering		
PhDs / Projects Guided	Ph.Ds – Nil	Projects at Masters Level – Pavement Engineering based work	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	IEI Associate Member		
Consultancy Activities	Soil Testing and Vetting Process		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	IEI Meetings		


Name of the Teaching Staff	R.HARSHANI		
Date of Birth & Age	03-10-1999 & 25		
AICTE Faculty ID	1-43806300171		
Anna University ID	291911		
Designation	Assistant Professor		
Date of Joining the Institution	08.06.2023		
College mail id	harshani-civil@nec.edu.in		
Qualification with Class / Grade	UG-I Class with Distinction	PG- M.E-I Class with Distinction	Ph D -Nil
Total Experience in Years	Teaching – 1.9	Industry - Nil	Research - Nil
Area of Specialization	Structural Engineering		
Papers Published in Journals	National -5	International -2	
Papers Presented in Conferences	National -1	International -6	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -Nil	Projects at Masters Level -Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	The Institution of Green Engineers(IGEN)		
Consultancy Activities	Standard Penetration Test		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Building Bye Laws-Ramco Institute of Technology		

Name of the Teaching Staff	RAMANI K		
Date of Birth & Age	12/03/2001&24		
AICTE Faculty ID	1-9384717883		
Anna University ID	290964		
Designation	ASSISTANT PROFESSOR/CIVIL		
Date of Joining the Institution	19/8/2024		
College mail id	ramacivil@nec.edu.in		
Qualification with Class / Grade	UG-B.E(CIVIL ENGINEERING)- FIRST CLASS /7.55	PG- M.E(STRUCTURAL ENGINEERING )- FIRST CLASS/8.37	Ph D -.NIL
Total Experience in Years	Teaching –7 MONTHS	Industry -Nil	Research -NIL
Area of Specialization	STRUCTURAL ENGINEERING		
Papers Published in Journals	National -NIL	International -NIL	
Papers Presented in Conferences	National -NIL	International -NIL	
PhD Guide / Give field & University	NIL	NIL	
PhDs / Projects Guided	Ph.Ds -NIL	Projects at Masters Level -NIL	
IPRs/ Patents	NIL		
Books Published	NIL		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

Name of the Teaching Staff	Dr.V.Gomathi		
Date of Birth & Age	28.02.1976	<div>Photo</div> 	
AICTE Faculty ID	1-455253135		
Anna University ID	274686		
Designation	Professor & Head		
Date of Joining the Institution	15.06.1998		
College mail id	<a href="mailto:hodcse@nec.edu.in">hodcse@nec.edu.in</a> , <a href="mailto:vgcse@nec.edu.in">vgcse@nec.edu.in</a>		
Qualification with Class / Grade	UG- B.E. CSE I Class with Distinction / 77.67%	PG- M.E CSE I Class / 8.44 CGPA	Ph.D., Faculty of ICE
Total Experience in Years	Teaching –26 years 9 Months	Industry -Nil	Research – 19 Years
Area of Specialization	Computational Intelligence		
Papers Published in Journals	National - 03	International - 20	
Papers Presented in Conferences	National - 08	International - 30	
PhD Guide / Give field & University	Ref. No. 2340090	Computer Vision, Predictive Analytics Anna University Chennai	
PhDs / Projects Guided	Ph.Ds 8 Awarded & 5 pursuing	Projects at Masters Level – 16 2 Funded Projects, 2 Best Paper awards, 12 Scopus articles	
IPRs/ Patents	NIL		
Books Published	6 (2 Books + 3 Book Chapters +1 Accepted) <ul style="list-style-type: none"><li>• A Sentimental Analysis of Legal Documents Using Mask Attention BERT Networks [Book Chapter 10], IGI Global, 2025.</li><li>• Immersive Virtual Reality-Based Learning Environment: An Innovative Framework [Book Chapter 10], CRC Press, 2025</li><li>• Algorithms for Intelligent Systems, Springer Lecture Notes, 2023.</li><li>• Impact of ICT in Teaching and Learning Process : An overview [Book-</li></ul>		


	<p>Chapter], INSTA Publishing, 2022</p> <ul style="list-style-type: none"> <li>Fundamentals of Computing and Programming, 2<sup>nd</sup> Edition, ST Publications, 2009.</li> <li>In Press: Metaverse-enabled Educational Practices: STEM Skills [Book Chapter 10], Nova Publishing, Gulf University, 2024.</li> </ul>				
<b>Professional Memberships</b>	3 (IEEE Senior Member, CSE & ISTE)				
<b>Consultancy Activities</b>	Rs.2.0 Lakhs for implementation of “Design and Development of Virtual Assistant with AI/ML and AR tools, deployed onboard ships/submarines to support maintenance crew for Radar System” from TRYCAE Industrial Engineering Pvt. Ltd., Trichy				
<b>Awards</b>	<ul style="list-style-type: none"> <li>✓ <i>Prof. H.N.Mahabala Endowment prize [Best M.Tech thesis] from IIT Madras in 2005.</i></li> <li>✓ <i>IE(I) Young Engineer Award for the year 2008-2009 from IE(I), Kolkatta.</i></li> <li>✓ <i>Best TNSCST Project for the year 2010-2011 from TNSCST, Chennai.</i></li> <li>✓ <i>Received Plaque and Certificate from Institution of Engineers India (IE(I)), Kolkata for the successful completion of IE(I) sponsored project entitled “Design of Adaptive Coal Mine Rescue Robot using WSNs” in 30<sup>th</sup> Indian Engineering Congress during December 17-20, 2015 at Guwahati, Assam.</i></li> <li>✓ <i>IEEE Professional achiever award for the year 2016-2017.</i></li> <li>✓ <i>Presented best student project among Asia Pacific region at IEEE-R10 HTC, Indonesia and received Rs.41,000/- as Travel grant from IEEE-HAC during December 2019.</i></li> <li>✓ <i>NVIDIA DLI Ambassador since February 2021.</i></li> <li>✓ <i>Faculty Mentor for IEEE-PGDSPF’21 PG-project and won II Prize worth Rs.10,000/- from IEEE Madras section during Nov 2021.</i></li> <li>✓ <i>Received NEC – R&amp;D Seed Money grant of Rs.4,62,000/- for establishment of Image Processing Research Centre during .</i></li> <li>✓ <i>Received Best Paper Award from RUSA, Chennai at eTOTAL Conference held during Feb 2023.</i></li> <li>✓ <i>Elevated as IEEE Senior member since Feb 2023 based on the significant contributions to the profession.</i></li> <li>✓ <i>Recognized as Mentor for EPICS in IEEE Project Smart Mobile Inclusive Learning (SMILE): AI-driven multipurpose therapy for disability children – Indonesia.</i></li> <li>✓ <i>Faculty Mentor for IEEE-PGDSPF’23 PG-project and won I Prize worth Rs.8,000/- from IEEE Madras section during Jan 2024.</i></li> </ul>				
<b>Grants fetched</b>	<b>Agency Name</b>	<b>Project Title</b>	<b>From</b>	<b>To</b>	<b>Amount (Rs.)</b>
	<b>NVIDIA Corporation</b>	NVIDIA GPU Grant – Academic Seed Program	Dec 2017		1,25,000


	<b>EPICS in IEEE</b>	casTalk: A smart Cloud Platform for casual talk between normal and deaf people	Dec 2016	Mar 2018	5,24,402
	<b>IE(I), Kolkatta</b>	Design of Adaptive Coal Mine Rescue Robot using WSNs	Apr 2014	Mar 2015	20,000
	<b>TNSCST, Chennai</b>	RFID based traffic control and monitoring system	Aug 2010	Mar 2011	6,000
	<b>AICTE, New Delhi</b>	Real-time Human Activity Recognition System	Aug 2007	Sep 2009	3,70,000
	<b>DST, New Delhi</b>	Real-time Multi Human Tracking and activity recognition system	Feb 2007	Mar 2009	14,41,200
<b>Interaction with Professional Institutions</b>	<ul style="list-style-type: none"> <li>✓ Signed MoU in AR&amp;VR domain with TryCAE, Trichy since March 2024.</li> <li>✓ Signed MoU in AR&amp;VR and Game Development domains with M-tutor, Chennai since March 2024.</li> <li>✓ Established Image Processing Research Centre with Rs.4.6 L NEC-Seed Fund during Sep 2022.</li> <li>✓ NVIDIA – DLI Ambassador and recognized course instructor for Deep Learning since Feb 2021.</li> <li>✓ Established Centre-of-Excellence NEC-VVDN AI &amp; ML Research work on Computer Vision during April 2020-March 2022 in collaboration with VVDN Technologies, Chennai.</li> <li>✓ Signed MoU with Bennett University, Greater Noida as Head-Lead Zone Partner for AI-Deep Learning (leadingindia.ai) research initiative during Aug 2018 – March 2021.</li> <li>✓ Signed MoU with UiPath Academic Alliance for global certifications in Robotic Process Automation since August 2019.</li> <li>✓ Signed MoU with Adroit Soft India (P) Ltd, Chennai for Research Innovation in Full stack development since July 2018. (3<sup>rd</sup> Renewal)</li> <li>✓ Staff Counselor, IEEE Computer Society Student Chapter, NEC since June 2018.</li> </ul>				

Name of the Teaching Staff	Dr.K.Mohaideen Pitchai		
Date of Birth & Age	30.07.1981 & 43		
AICTE Faculty ID	1-455253453		
Anna University ID	266252		
Designation	Professor		
Date of Joining the Institution	09.06.2003		
College mail id	kmpcse@nec.edu.in		
Qualification with Class / Grade	UG- B.E (CSE), First Class with Distinction	PG- M.E (CSE), First Class with Distinction	Ph D -. Information and Communication Engineering
Total Experience in Years	Teaching – 22 years	Industry - Nil	Research – 14 years
Area of Specialization	Computer Science and Engineering		
Papers Published in Journals	National - 2	International - 19	
Papers Presented in Conferences	National - 3	International - 17	
PhD Guide / Give field & University	Anna University, Chennai [Ref. No.4040055]	Adhoc & Sensor Networks, Network Security, Blockchain Technology	
PhDs / Projects Guided	Ph.Ds – 1 Scholar (Part-Time) – Guiding.	Projects at Masters Level – Guided for 6 PG students	
IPRs/ Patents	1 Patent Granted (Patent No.488737, Grant Date:26.12.2023)		
Books Published	1 Book Published (Book entitled “Theory of Computation” published by yesdee publishers, Chennai.) (ISBN: 978-93-80381-54-1)		
Professional Memberships	•Life Member in Indian Society for Technical Education (ISTE), New Delhi – LM 95685 •Associate Member in Institution of Engineers (IE), Kolkatta–AM100625		

	<ul style="list-style-type: none"> <li>•Member in IDES (Institute of Doctors, Engineers and Scientists) -5146</li> </ul>
<b>Consultancy Activities</b>	<ul style="list-style-type: none"> <li>• Completed Consultancy Work to TATA Power SED, Bangalore entitled “Services in the area of Intelligence” with the total cost of Rs.3,60,000/- from January 2018 to September 2018.</li> <li>• Completed Consultancy Work to M/s.Vlinder Labs Pvt. Ltd., Bengaluru entitled “Services in the area of Blockchain Technology” with the total cost of Rs.1,88,512/- from July 2024 to January 2025.</li> </ul>
<b>Awards</b>	-
<b>Grants fetched</b>	<p><b>Funded Research Projects: Principal Investigator</b></p> <ul style="list-style-type: none"> <li>• DRDO, New Delhi sponsored funded project entitled on “Development and Analysis of Finite Automata based Public Key Cryptographic Schemes” with a total cost of Rs.9,78,835/- (December 2020 – June 2022)</li> <li>• Institution of Engineers (IE), Kolkatta sponsored funded project entitled on “Design and Development of an Intelligent Structural Health Monitoring System for a Simply Supported Bridge using Wireless Sensor Network” with a total cost of Rs.1,50,000/- (October 2012–September 2014)</li> </ul> <p><b>Funded Research Projects: Co-Investigator</b></p> <ul style="list-style-type: none"> <li>• DRDO, New Delhi sponsored funded project entitled on “Studies in Cellular Automata with its Applications on Cryptography” with a total cost of Rs.12,19,500/- (September 2016-August 2018)</li> <li>• AICTE, New Delhi sponsored funded project entitled on “Intrusion Prevention System Development for Ad hoc Network Security” with a total cost of Rs.9,70,000/- (January 2012 – December 2013)</li> <li>• DRDO, New Delhi sponsored funded project entitled on “Development of an Intrusion Detection System for Mobile Ad-hoc Networks using Game Theoretical Models” with a total cost of Rs.27,19,000/- (June 2011–May 2013)</li> </ul> <p><b>Student Funded Projects Guided</b></p> <ol style="list-style-type: none"> <li>1. Institution of Engineers (IE), Kolkatta sponsored funded project entitled on “Design and Implementation of Blockchain enabled Open Source Virtual Ballot Box” with a total cost of Rs.11,000/-. (2024)</li> <li>2. NewGen IEDC, National Engineering College sponsored product entitled “Smart Baby Cradle using IoT” with a total cost of Rs.2,50,000/- (2022)</li> <li>3. Institution of Engineers (IE), Kolkatta sponsored</li> </ol>

	<p>funded project entitled on “Smart Staircase Cleaning and Mopping Robot” with a total cost of Rs.30,000/- (2022)</p> <ol style="list-style-type: none"> <li>4. TNSCST, Chennai sponsored funded project entitled on “Geo-tagging Augmented Intelligent Accident Rescue Management System” with a total cost of Rs.7,500/- (2020)</li> <li>5. Institution of Engineers (IE), Kolkatta sponsored funded project entitled on “Intelligent LPG Gas Stove based on Internet of Things (IoT)” with a total cost of Rs.20,000/-. (2020)</li> <li>6. NewGen IEDC, National Engineering College sponsored product entitled “Automatic Floor Cleaning and Mopping Robot” with a total cost of Rs.2,50,000/- (2019)</li> <li>7. Institution of Engineers (IE), Kolkatta sponsored funded project entitled on “Intelligent Early Forest Fire Detection System with Self Energy Harvesting Wireless Sensor Networks” with a total cost of Rs.20,000/-. (2018)</li> <li>8. Tamil Nadu State Government Sponsored funded project entitled on “Android Application for Blood Donor Identification using Cloud” under the scheme of Hon’ble Chief Minister’s Award for Excellence in e-Governance for Students for the year 2015–16 with the total cost of Rs.7,500/- (2016)</li> <li>9. Institution of Engineers (IE), Kolkatta sponsored funded project entitled on “Development of Automatic GSM based ICU Patient Oxygen and Saline Level Monitoring System” with a total cost of Rs.10,000/- (2015)</li> <li>10. TNSCST, Chennai sponsored funded project entitled on “Development of a Smart Security System for Preventing ATM Related Fraud Transactions” with a total cost of Rs.7,500/- (2014)</li> </ol>
<b>Interaction with Professional Institutions</b>	<ul style="list-style-type: none"> <li>• Acted as an expert for Academic Audit of St. Xavier’s Catholic College of Engineering, Nagercoil, Tamilnadu on 14.10.2023</li> <li>• Acted as an expert for Question Paper Audit of Ramco Institute of Technology, Rajapalayam, Tamilnadu on 14.03.2025</li> </ul>

Name of the Teaching Staff	Dr. D.MANIMEGALAI		
Date of Birth & Age	11-3-1963 & 61 years		
AICTE Faculty ID	1-455253385		
Anna University ID	308799		
Designation	Professor		
Date of Joining the Institution	15.07.1987		
College mail id	megalai@nec.edu.in		
Qualification with Class / Grade	UG-72%	PG- M.E-72%	Ph D -.completed
Total Experience in Years	Teaching – 38 years 10 months	Industry - Nil	Research – 19 Years
Area of Specialization	Image Processing		
Papers Published in Journals	National – Nil	International –75	
Papers Presented in Conferences	National -	International -22	
PhD Guide / Give field & University	Recognized Supervisor for Ph.D/M.S programme	Anna University, Chennai, MS University,Tirunelveli,andBharadhiyar University, Coimbatore.	
PhDs / Projects Guided	Ph.Ds -27	Projects at Masters Level -20	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	ISTE,CSI,SSI,IE		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched			
Interaction with Professional Institutions	06		

<b>Name of the Teaching Staff</b>	Dr.J.Naskath		
<b>Date of Birth &amp; Age</b>	25.11.1983 & 41		
<b>AICTE Faculty ID</b>	1-4552553473		
<b>Anna University ID</b>	272904		
<b>Designation</b>	Associate Professor		
<b>Date of Joining the Institution</b>	07.06.2006		
<b>College mail id</b>	naskat@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- I class with Distinction/7.7	PG- M.E-I class with Distinction/8.9	Ph D-faculty of ICE
<b>Total Experience in Years</b>	Teaching –17	Industry -Nil	Research -08
<b>Area of Specialization</b>	Wireless Sensor Networks ,Internet of Things, Intelligent Vehicle Systems &Adhoc Networks		
<b>Papers Published in Journals</b>	National -0	International -29	
<b>Papers Presented in Conferences</b>	National -8	International -17 *attached below	
<b>PhD Guide / Give field &amp; University</b>	ICE	Anna University	
<b>PhDs / Projects Guided</b>	Ph.Ds – 2 1-Full Time 1-Part Time	Projects at Masters Level -06	

<b>IPRs/ Patents</b>	<p>Grant :01</p> <p>1.Indian Patent Application 202041007420 Grant No: 511059-“ Smart waste collecting bin”</p> <p>Published :03</p> <p>1.Indian Patent Application-202341073800-“An Apparatus for Marshalling a Parrock”</p> <p>2.Indian Patent Application-“ IoT-Integrated Robotic Trash Bin for Waste Management “Filed-424234-001,July-2024.</p> <p>3.Indian Patent Application-Filed-202441058020 –“ A device for delivering supplies”.</p>
<b>Books Published</b>	<p>Books: 05 &amp; Book Chapters : 05</p> <p>*attached below</p>
<b>Professional Memberships</b>	<ul style="list-style-type: none"> <li>• ISTE- Life Member ship</li> <li>• IEI- MIE</li> </ul>
<b>Consultancy Activities</b>	<ul style="list-style-type: none"> <li>• Bitzplus Pvt Ltd, Chennai - October 2019-June-2022</li> <li>• Siva Gums Pvt Ltd, Kovilpatti- August-October 2024</li> </ul>
<b>Awards</b>	<ul style="list-style-type: none"> <li>• Awards :05</li> <li>1. Best Young Researcher Award, Scientific International Publishing House (SIPH),UDYAM Registration Number: TN-25-0005186.</li> <li>2. Awarded as Bihar Innovation Challenge ‘23 Contest -Finalist Award ,Department of Industries ,Govt of Bihar,Patna.</li> <li>3. Honored as Panel Member-Cyber Crime Against Women Conclave National Cyber Security Research Council (NCSRC) and Tamilnadu State women Commision ,Govt of Tamilnadu.</li> <li>4. Awarded as Inventors Challenge Contest -Runner Up Award,ARM community ,AICTE &amp; ATAL Academy ,Noida</li> <li>5. Awarded as Best Faculty: On World Students' Day-Academic Excellence -International Award Ceremony on The Birth Anniversary of Missile Man of India held on 15th October 2022, Dr. APJ Abdul Kalam Puruskar 2022,by IIMT College of Engineering Greater Noida.</li> </ul>
<b>Grants fetched</b>	<p>Total :05</p> <p>DST -New Gen IEDC : New Generation Innovation and Entrepreneurship Development Centre, Ahmadabad</p> <ol style="list-style-type: none"> <li>1. 2018-2019:Smart Trash Bin Management system using IoT (Rs.2.5L)</li> <li>2. 2021-2022:Automated Cast trolley for Isolated Patients(Rs.2.5L)</li> <li>3. 2021-2022:Smart Aquarium(Rs.2.5L)</li> <li>4. 2022-2023:Smart Bicycle(Rs.2.5L)</li> <li>5. 2022-2023:Fowler COT for bed bound patients(Rs.2.5L)</li> </ol>
<b>Interaction with Professional Institutions</b>	<p>Total :06</p> <ol style="list-style-type: none"> <li>1. “Technology in Teaching English” – Conducted at GVN</li> </ol>

	<p>College, Kovilpatti, on 25th February 2025, benefiting 30 MA English students and 5 faculty members.</p> <p>2. TNSCST–Popularization of Science and Technology Sponsored Two-Day Workshop on "<i>Digital Horizons through IoT Education for Rural Students</i>", organized by the CSE Department, NEC, on 3rd &amp; 4th January 2025. The session on "<i>Emerging Trends and Technologies in IoT</i>" engaged 60 school students and 3 teachers.</p> <p>3. TNSCST–Popularization of Science and Technology Sponsored Three-Day Workshop on "<i>Fostering Innovation among School Students through IoT Education</i>", hosted by the CSE Department, NEC, from 17th to 19th October 2024. The topic "<i>Connecting the Dots: Understanding Connectivity Technologies for IoT</i>" was explored with 120 school students and 5 teachers on 18th October 2024.</p> <p>4. Building the Future: IoT Simulations for Smart Environments – A one-day workshop held at Vidya Academy of Science and Technology Technical Campus, Kilimanoor, Trivandrum, on 9th August 2024, engaging 65 third- and final-year students and 6 faculty members.</p> <p>5. Demystifying Operating Systems: Interactive Simulations and Practical Insights – Conducted at St. Joseph College of Engineering and Technology, Thanjavur, on 27th May 2024, benefiting 80 students and 6 faculty members.</p> <p>6. Design Thinking and IoT – Organized at Vidya Academy of Science and Technology Technical Campus, Kilimanoor, Kerala, on 13th April 2024, with 52 students and 5 faculty members serving as resource persons.</p>
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**\* Published International Journals (SCI / Scopus Indexed/Peer Reviewed Journals):**

International Journals	
<b>Total Published : 29</b>	<b>Last five years : 23</b>
SCI Journals	
1.	<b>Jahangeer Naskath.</b> , Mustafa, Z. & Aldabbas, H. Utilizing a Hybrid Cat-Swarm Optimization Algorithm for Seamless Vertical Handoff in Vanet. Wireless Personal Communication, July (2024). <a href="https://doi.org/10.1007/s11277-024-11424-5">https://doi.org/10.1007/s11277-024-11424-5</a>
2.	S. Balaji, G. Dhanabalan, C. Umarani and <b>J. Naskath</b> , "A GAN-based Hybrid Deep Learning Approach for Enhancing Intrusion Detection in IoT Networks" International Journal of Advanced Computer Science and Applications(IJACSA), 15(6), 2024. <a href="http://dx.doi.org/10.14569/IJACSA.2024.0150637">http://dx.doi.org/10.14569/IJACSA.2024.0150637</a>
3.	Syed Rabiya MA, Ramalakshmi R, <b>Naskath J.</b> Regular routine aware routing in opportunistic mobile social networks. Trans Emerging Tel Tech. 2023;e4828. doi: 10.1002/ett.482,2023.IF:3.31
4.	<b>Jahangeer Naskath.</b> Fast multicriteria network selection scheme using hybrid of cat swarm optimization and TOPSIS algorithm for optimal handover in VANET. Trans Emerging Tel Tech. 2023;e4743. doi: 10.1002/ett.4743. IF=3.31

5.	<b>Naskath, J.</b> , Sivakamasundari, G. & Begum, A.A.S. "A Study on Different Deep Learning Algorithms Used in Deep Neural Nets: MLP SOM and DBN". Wireless Personal Communication (2022). <a href="https://doi.org/10.1007/s11277-022-10079-4">https://doi.org/10.1007/s11277-022-10079-4</a>
6.	<b>Naskath, J</b> ,DR.NITHYANANTHAM,M.PAPPATHI JANCY RANI, "Design Secure Connectivity Protocol to mitigate malicious activity using Game Theory in VANET",PERIODICO di MINERALOGIA,ISSN: 0369-896,Volume 91, No. 5, 2022.
7.	<b>Naskath, J.</b> , Paramasivan, B., Mustafa, Z. et al. , Connectivity analysis of V2V communication with discretionary lane changing approach. Journal of Supercomputing, (springer), <a href="https://doi.org/10.1007/s11227-021-04086-8">https://doi.org/10.1007/s11227-021-04086-8</a> ,2021.
8.	<b>J.Naskath</b> &B.Paramasivan,"A study on modeling vehicles mobility with MLC for enhancing Vehicle-to-vehicle connectivity in VANET", Journal of Ambient Intelligence and Humanized Computing, (springer), 2020.
9.	<b>J.Naskath</b> & B.Paramasivan, "Location optimization for road side unit deployment and maximizing communication probability in multilane highway", International Journal of Heavy Vehicle Systems (Inderscience), Volume 25, Issue 3-4 ,2018.
10.	Shunmugapriya, B., Paramasivan, B., Ananthakumaran, S. <b>J.Naskath</b> ,Wireless Body Area Networks: Survey of Recent Research Trends on Energy Efficient Routing Protocols and Guidelines. Wireless Personal Communication (springer), <a href="https://doi.org/10.1007/s11277-021-09250-0">https://doi.org/10.1007/s11277-021-09250-0</a> , 2021.
<b>Scopus Indexed Journals</b>	
11.	Kaveri. K, Jervila. R, Alhaseena. KM and <b>Naskath. J</b> , "RFID Attendance System-Enabled Automated Hand Sanitizer Dispenser using IoT," IEEE Xplore 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India, 2023, pp. 1394-1399, doi: 10.1109/ICAAIC56838.2023.10140315.
12.	R.Srimathi, <b>Dr.J.Naskath</b> ,B.Anandha Mathavan ,Archana Pown T,Dr.M.Syed Rabiya , "Institution Management System:Student Module" ,Fourth IEEE International Conference on Cognitive Computing and Information Processing CCIP 2022,23rd & 24th December 2022, Bengaluru, INDIA
13.	A Shali,P Hari Prashanth, <b>Dr.J.Naskath</b> , "Bots Using Natural Language Processing in Medical Sector",International Conference on Computational Science and Technology ICCST - 9 & 10 November 2022
14.	Harini Vasaki M, Kamala Harini R, Ganthimathi V, and <b>Naskath J.</b> ,"An IOT Based College Bus Trailing and Surveiling System" , AIP Conference Proceedings 2444, 070001, <a href="https://doi.org/10.1063/5.0078357">https://doi.org/10.1063/5.0078357</a> , March 2022.
15.	Muthukaviya S, Ragha Shree, Rajeswari S, Shree Vardhini V, and <b>Naskath J</b> , "IoT Based Trolley for Isolated Patients", AIP Conference Proceedings 2444, 070003 (2022); <a href="https://doi.org/10.1063/5.0078361">https://doi.org/10.1063/5.0078361</a> , March 2022.
16.	<b>Naskath Jahangeer</b> , Deepa Lakshmi, Balasubramanian Pramasivan, Hamza Aldabbas, & Abdullah Bajahzar , "Handover Techniques Routing Protocols and mobility management schemas for Vehicular Ad-hoc Networks – A Review", International Journal of Advanced Science and Technology,Volume 29,Issue 04,Pages 6134-6142,2020.
17.	R.Nivetha, S.Preethi, P.Priyadharshini, B.Shunmugapriya, B.Paramasivan, <b>J.Naskath</b> ,'Smart Health Monitoring System using IoT for assisted living of senior and challenge people', Scopus Indexed journal of International journal of scientific and technology research, Feb 2020.
18.	J.Janofer Ibrahima, <b>J.Naskath</b> , S.Lakshmi Prabha, B.Paramasivan, 'Phone Directory Using Mobile Application', International Journal of Scientific & Technology Research, Volume 9 - Issue 3, March 2020 Edition - ISSN 2277-8616.

19.	Vivitha Varshini R., <b>Naskath J</b> , Paramasivan B, "High Speed Realistic Mobility Model for TN-Multi Lane Highway Environment", International Journal of Engineering & Technology , 7 (4.5) (2018) 151-154.
20.	G. Soundarya, S. Preethi, <b>J.Naskath</b> , "Trucker's Succoura Mobile Application for Backing Truck Drivers", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-9 Issue-1, May 2020.
<b>Peer Review Journals</b>	
21.	Nisha B, <b>J. Naskath</b> , Soundaryaa S, Thaila Shree S and A. Shali, "SCHEDULING ALGORITHMS IN OPERATING SYSTEMS: A CASE STUDY", International Journal of Advance and Innovative Research, Volume 9, Issue 2 (XV), June 2022.
22.	Mohamed Rilwan Hussain. M, Infant Anto Edin. , <b>Dr.J.Naskath</b> , "INSTITUTIONAL CALLER APPLICATION", International Journal of Trendy Research in Engineering and Technology Volume 6, Issue 5, October 2022, ISSN NO 2582-0958.
23.	<b>J.Naskath</b> and S.Prateema, "Minimizing End to End delay using multipath routing in Wireless Sensor Networks", International Journal of Computer Applications (0975 – 8887), Volume 21, No.5, May 2011.

**a. Conference Participations:**


International Conferences	
Total Published : 17	
Last five years : 12	
1.	Anudevi.R, Dhivya.S, Dr.J.Naskath, Priyadarshini and Srija.M, "Edge Intelligence in IOT: Algorithms and Applications, IEEE International Conference on Multidisciplinary Research in Technology and Management – MRTM 23, organized by New Horizon College of Engineering, Bengaluru on 22nd & 23rd September 2023
2.	Dr.J.Naskath, "Challenges in Cyber Crime investigation and Analysis," ,Cyber Crime Against Women Conclave'23 ,National Cyber Security Research Council (NCSRC) and Tamilnadu State women Commision ,Govt of Tamilnadu, 21 August 2023.
3.	Kaveri. K, Jervila. R, Alhaseena. KM and Dr.J.Naskath, "RFID Attendance System-Enabled Automated Hand Sanitizer Dispenser using IoT," 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India, 2023, pp. 1394-1399, doi: 10.1109/ICAAIC56838.2023.10140315.
4.	Ms.M.Sharmila, Ms.B.Guru Varshini, Ms.D.Thansi White, Ms.S Tazveen Zanab, Ms.Marzooqa Naeema Kather, Ms.R.Dharsini, Dr.J.Naskath, Mr.A.Shenbagaraman, Dr.B.Shunmugapriya, Linux Opearting System, 2nd International Conference on Emerging Trends in Material, Energy, Electronics and Information (ICETMEEI-2023), 20th and 21st April, 2023.


5.	R.Srimathi, Dr.J.Naskath,B.Anandha Mathavan ,Archana Pown T,Dr.M.Syed Rabiya , "Institution Management System:Student Module" ,Fourth IEEE International Conference on Cognitive Computing and Information Processing CCIP 2022,23rd & 24th December 2022, Bengaluru, INDIA
6.	A Shali,P Hari Prashanth, Dr.J.Naskath"Bots Using Natural Language Processing in Medical Sector",International Conference on Computational Science and Technology ICCST - 9 & 10 November 2022
7.	Nisha B, J. Naskath, Soundaryaa S, Thaila Shree S and A. Shali, "SCHEDULING ALGORITHMS IN OPERATING SYSTEMS: A CASE STUDY", 2nd International Conference on Research and Development in Science, Technology and Management Organized By Indian Academicians and Researchers Association (IARA) In Association With Université Ibn Zohr, Morocco And Center Ibn Zohr of Development and Research, Morocco,10th May 2022.
8.	M .Mohammed Rilwan Hussain, S.Infant Anti Edin,Naskath J, and C.Umarani , "An Automated Smartphone Based Indoor Wayfinding System for Vision Disabled People" IEEE International Coference,ICEmTASS '21,Tamilnadu.
9.	Haribharathi G ,Swetha Popat Kolekar, and Naskath J,Institution Management System – Student Module, IEEE International Coference,ICEmTASS '21,Tamilnadu.
10.	S. Amirtha Lakshmi, S. Anusha Lakshmi, B. Swetha and J. Naskath and A. Alif Siddqua Begam "Prophecy of crop for shifting cultivation",Global Issues in Multidisciplinary Academic Research, Rajabhat Maha Sarakham University,Thailand.
11.	J.Naskath ,B Paramasivan ,B.Shunmugapriya, and Hamza Aldabbas, "Dynamic Cluster Based Connectivity Approach for Vehicular Adhoc Networks", Intelligent computing paradigm and cutting edge technologies –springer book series, ISSN :2662-3447,pp. 187-197, – International conference on innovative computing and cutting edge technologies ICICCT 2019 ,Istanbul, Turkey.
12.	J.Naskath ,"Modeling mobility in VANET to position the vehicle based on lane changing in Highway Environment" ICRAET 2019, 8th and 9th February 2019, Sri Krishna College of Engineering and Technology, Coimbatore.
	<b>National Conferences</b>
	Total Published : 08 <span style="float: right;">Last five years :03</span>
1.	Naskath. J ,Kavitha k, Abinaya P, Mathumitha S & A.Shali, "Comparison study on scheduling algorithms in operating systems", Emerging Trends: A Road to DIET (Digitalization, Innovation & Endurable Transformation) 7th-8th April, 2023,Karnavati University,Gujarat,2023.


2.	Harini Vasaki M, Kamala Harini R, Ganthimathi V, and Naskath J., "An IOT Based College Bus Trailing and Surveiling System" , AICTE sponsored National level Conference, National Engineering College, Kovilpatti April 2021.
3.	Muthukaviya S, Ragha Shree, Rajeswari S, Shree Vardhini V, and Naskath J, "IoT Based Trolley for Isolated Patients", AICTE sponsored National level Conference, National Engineering College, Kovilpatti April 2021.

**\*Book / Book Chapter Publication:**


<b>Book (Author)</b>	
1.	Dr. D. Madhina Banu, Dr. A. Alif Siddiqua Begum, <b>Dr. Naskath</b> , "Computer Networks", ISBN 978-81-978052-7-5, Indo-Continental Academic Publishers (ICAP) Publication, July 2024. DOI: <a href="https://icappublishers.com/?product=computer-networks-by-dr-d-madhina-banu-dr-d-alif-siddiqua-begum-dr-j-naskath">https://icappublishers.com/?product=computer-networks-by-dr-d-madhina-banu-dr-d-alif-siddiqua-begum-dr-j-naskath</a>
2.	<b>Dr. Naskath</b> , J. Dr. V. Sivakumar, Dr. Nithyanantham Sampath kumar, "Mastering Operating Systems: Theory and Practice", Infinity Publication, May 2024. ISBN: 978-93-92917-48-6. DOI: 10.25215/9392917481.
3.	<b>Dr. J Naskath</b> , D. Antony Pradeesh, Dr. P. Ramesh Babu and Dr. Nithyanantham Sampathkumar, "Internet of Things and its Applications", Royal Publisher, ISBN 978-93-95423-00-7, Edition 2022.
<b>Book (Editor)</b>	
1.	Dr. Subrata Chowdhury, <b>Dr. J. Naskath</b> , Dr. Kathrin Kind-Trueller, Dr. Joanna Rosak-Szyrocka, & Dr. Soumi Dutta (Eds.), "Data-Driven IoT Ecosystems: Integrating Device, Edge, and Cloud Paradigms", CRC Press, ISBN: 9781003863427, 2025.
2.	Dr. Mohd. Shaikhul Ashraf, Sruthi S, Dr. Shalini Chaturvedi, Dr. Monika, <b>Dr. J. Naskath</b> , R. Prabha, Dr. Shuchi Goe, "Recent trends in Multidisciplinary Subjects", Paradox Publisher, RED'SHINE PUBLICATION PVT. LTD, Lunawada, India, 2022, ISBN: 978-93-94727-69-4, ISBN-10: 93-94727-69-8, DIP: 18.10.9394727698, DOI: 10.25215/9394727698, 1st Edition, July (2022).
<b>Book Chapter</b>	
1.	<b>Dr. J. Naskath</b> , R. Rajakumari, Hamza Aldabbas and Zaid Mustafa, "Computational Intelligence and Deep Learning in Health Informatics: An Introductory Perspective", Computational Intelligence: Theory and Applications, ISBN: 978-1-394-21422-8, November 2024. <a href="https://www.scribnerpublishing.com/cart/title.php?id=1041">https://www.scribnerpublishing.com/cart/title.php?id=1041</a> , Wiley publisher.
2.	S. Abarna, <b>Naskath, J</b> , Rathi Pathi R., Jeyalakshmi C. "Secure VANET Routing Protocols for Improved Vehicular Communication in Autonomous Systems." In Modeling, Simulation, and Control of AI Robotics and Autonomous Systems, Chapter 7, pp. 109-130, May 2024. DOI: 10.4018/979-8-3693-1962-8. ISBN: 9798369319628. <a href="https://www.igi-global.com/book/modeling-simulation-control-robotics-autonomous/330980">https://www.igi-global.com/book/modeling-simulation-control-robotics-autonomous/330980</a>
3.	<b>Naskath, J.</b> , Rajakumari, R., Rabiya, M. S., Shali, A., & Sampathkumar, N. (2023). Outcome-Based Education Through E-Learning Pedagogy: A Case Study. In J. Keengwe (Ed.), Handbook of Research on Innovative Frameworks and Inclusive Models for Online Learning (pp. 326-346). IGI Global. <a href="https://doi.org/10.4018/978-1-6684-9072-3.ch017">https://doi.org/10.4018/978-1-6684-9072-3.ch017</a> .


Name of the Teaching Staff	KALAISELVI S		
Date of Birth & Age	17.05.1980 & 44		
AICTE Faculty ID	1-736985102		
Anna University ID	272507		
Designation	Associate Professor		
Date of Joining the Institution	01.06.2009		
College mail id	sks@nec.edu.in		
Qualification with Class / Grade	UG-B.Sc, 93%	PG- M.E CSE – 83%	Ph D – Anna University
Total Experience in Years	Teaching – 15.9	Industry - Nil	Research - 13
Area of Specialization	Remote Sensing, Image Processing, Data Analytics		
Papers Published in Journals	National -	International - 25	
Papers Presented in Conferences	National – 5	International - 12	
PhD Guide / Give field & University	Anna University – Chennai	ICE	
PhDs / Projects Guided	Ph.Ds - 4	Projects at Masters Level - 12	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	IEEE, IEEE-CS		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		


Name of the Teaching Staff	Dr.R.RAJAKUMARI		
Date of Birth & Age	30.07.1977 & 48		
AICTE Faculty ID	1-455253239		
Anna University ID	271856		
Designation	Assistant Professor(SG)		
Date of Joining the Institution	12.05.2008		
College mail id	rkumari@nec.edu.in		
Qualification with Class / Grade	UG- B.Sc(Maths)/First	PG- MCA.,M.E/First	Ph D -.ICE
Total Experience in Years	Teaching –17	Industry -Nil	Research -12
Area of Specialization	Medical Image Processing		
Papers Published in Journals	National --	International -13	
Papers Presented in Conferences	National -2	International -10	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -4	
IPRs/ Patents			
Books Published	03		
Professional Memberships	ISTE		
Consultancy Activities			
Awards			
Grants fetched	For organizing FDP( Rs.33935/-AU,Chennai)		
Interaction with Professional Institutions	NIL		


<b>Name of the Teaching Staff</b>	Dr.B.Shunmugapriya		
<b>Date of Birth &amp; Age</b>	05.02.1987		
<b>AICTE Faculty ID</b>	1-1434954217		
<b>Anna University ID</b>	274346		
<b>Designation</b>	Assistant Professor (SG)		
<b>Date of Joining the Institution</b>	04.06.2012		
<b>College mail id</b>	bsp@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.Tech I class / 77%	PG- M.E I class /80.09	Ph D -.
<b>Total Experience in Years</b>	Teaching – 15.6 years	Industry - Nil	Research -
<b>Area of Specialization</b>	Wireless Sensor Networks		
<b>Papers Published in Journals</b>	National -	International -	
<b>Papers Presented in Conferences</b>	National -	International -3	
<b>PhD Guide / Give field &amp; University</b>	Nil		
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	<b>Patent Grant: 1</b> 1.Smart Waste Collecting Bin Application Number: 202041007420 dated: 21/02/2020 <b>Patent Published: 3</b> 1.A Device for Delivering Supplies Application Number: 202441058020 dated: 31/07/2024 2.Multi-sensor based loan monitoring device for financial institutions Application Number: 202441102520 dated: 24/12/2024 3.Enhancing Security at Harbour Entrances with an Advanced E-Gate System Application Number: 202541102520 dated: 04/02/2025		
<b>Books Published</b>	1 Springer book “A Meticulous Analysis on Energy Based Routing Protocol In Underwater Sensor Networks” - Artificial Intelligence and Digital Twin Technology,		


	2024
<b>Professional Memberships</b>	2 (ISTE & IEEE)
<b>Consultancy Activities</b>	-
<b>Awards</b>	-
<b>Grants fetched</b>	IEEE ADSF SIGHT sanctioned Rs. 25,000/- as cash and Rs.10,000 worth components for E-Gate project at Harbor area of Kanyakumari
<b>Interaction with Professional Institutions</b>	-


Name of the Teaching Staff	Dr.S.Dheenathayalan		
Date of Birth & Age	08.07.1984 & 40		
AICTE Faculty ID	1-435103634		
Anna University ID	269508		
Designation	Assistant Professor(SG)		
Date of Joining the Institution	16.07.2012		
College mail id	ddhayalan@nec.edu.in		
Qualification with Class / Grade	UG-	PG- M.E	Ph D -.
Total Experience in Years	Teaching – 16	Industry - Nil	Research -8
Area of Specialization	DTN & WSN		
Papers Published in Journals	National - 3	International - 5	
Papers Presented in Conferences	National - 2	International - 6	
PhD Guide / Give field & University	Nil		
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - 02	
IPRs/ Patents	01		
Books Published	01		
Professional Memberships	ISTE and IE(I)		
Consultancy Activities	Received consultancy from TATA PowerSED		
Awards	NPTEL Discipline Star		
Grants fetched	05 (Received student funded projects from IE(I) and NEWGEN)		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	Dr.G.SIVAKAMASUNDARI		
Date of Birth & Age	13/06/1973		
AICTE Faculty ID	1-455704786		
Anna University ID	275133		
Designation	Assistant Professor(SG)		
Date of Joining the Institution	1/06/2006		
College mail id	gsscse@nec.edu.in		
Qualification with Class / Grade	UG-MCA First Class	PG- M.E First Class with Distinction	Ph D -Completed
Total Experience in Years	Teaching – 18 years 8 months	Industry - Nil	Research -14 years
Area of Specialization	Image Processing		
Papers Published in Journals	National - Nil	International -1	
Papers Presented in Conferences	National - Nil	International -2	
PhD Guide / Give field & University	NA	-	
PhDs / Projects Guided	Ph.Ds -NA	Projects at Masters Level -1	
IPRs/ Patents	1 Patent Published Title: Enhancing Security at Harbour Entrances with an advanced e-Gate system Application N:202541009756 Date of Filing 06/02/2025 Publication date 14/02/2025		
Books Published	Nil		
Professional Memberships	ISTE Lifetime Membership		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	VIJAYAKUMAR. D		
Date of Birth & Age	05.04.1978 & 46		
AICTE Faculty ID	1-455253493		
Anna University ID	270527		
Designation	Assistant Professor (Sr. Grade)		
Date of Joining the Institution	04.06.2010		
College mail id	dvk@nec.edu.in		
Qualification with Class / Grade	UG- B.E CSE 1 <sup>st</sup> Class	PG- M.S(By Research)	Ph D - Pursuing
Total Experience in Years	Teaching – 24 Y 3 M	Industry - Nil	Research -
Area of Specialization	Cloud Computing, Data Management		
Papers Published in Journals	National -	International - 14	
Papers Presented in Conferences	National - 4	International - 19	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level - 20	
IPRs/ Patents	1 Patent Granted, 1 Filed		
Books Published	-		
Professional Memberships	ISTE		
Consultancy Activities	-		
Awards	-		
✧ Grants fetched	Received fund Rs.2,50,000/- from NewGenIDEC under NSTEDB, DST for the project entitled “Wireless Accessible Door Lock (WI-LOCK)” during the academic year 2019-2020. Received fund Rs.2,50,000/- from NewGenIDEC under NSTEDB, DST for the project entitled “MULTI PURPOSE WALKER AID FOR ELDERS” during the academic year 2020-2021.		
Interaction with Professional Institutions	-		

<b>Name of the Teaching Staff</b>	K.Rajkumar		
<b>Date of Birth &amp; Age</b>	37		
<b>AICTE Faculty ID</b>	1-435103356		
<b>Anna University ID</b>	269965		
<b>Designation</b>	AP(SG)		
<b>Date of Joining the Institution</b>	01.06.2012		
<b>College mail id</b>	rajkumar@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-FIRST	PG- M.E- FWD	Ph D –Pursuing (Registered-2021 July)
<b>Total Experience in Years</b>	Teaching – 12 Years	Industry - Nil	Research –Nil
<b>Area of Specialization</b>	Wireless Visual sensor networks		
<b>Papers Published in Journals</b>	National - Nil	International - 1	
<b>Papers Presented in Conferences</b>	National- Nil	International - 1	
<b>PhD Guide / Give field &amp; University</b>	Nil	Nil	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -Nil	
<b>IPRs/ Patents</b>	A patent filed and it was published (Application Number: 202441102520) on January 2025.		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Life Member in Indian Society for Technical Education (ISTE), New Delhi		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


Name of the Teaching Staff	A.SHENBAGHARAMAN		
Date of Birth & Age	22-08-1988 & 36		
AICTE Faculty ID	1-1465103713		
Anna University ID	272711		
Designation	Assistant Professor (Senior Grade)		
Date of Joining the Institution	01-06-2012		
College mail id	sraman@nec.edu.in		
Qualification with Class / Grade	UG- B.E I Class (7.47)	PG- M.E I Class (8.43)	Ph D -.Pursuing (Registered-2021 July)
Total Experience in Years	Teaching – 12 years 9 months	Industry - Nil	Research – NIL
Area of Specialization	Wireless Sensor Networks		
Papers Published in Journals	National - NIL	International -3	
Papers Presented in Conferences	National - NIL	International -1	
PhD Guide / Give field & University	NIL	NIL	
PhDs / Projects Guided	Ph.Ds - NIL	Projects at Masters Level - NIL	
IPRs/ Patents	<ul style="list-style-type: none"><li>A patent filed and it was Published (Application Number: 202341068631) on November 2023.</li><li>A patent filed and it was published (Application Number: 202441102520) on January 2025.</li></ul>		
Books Published	NIL		
Professional Memberships	IEEE,ISTE		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		

Name of the Teaching Staff	D.THAMARAI SELVI		
Date of Birth & Age	03.09.1987		
AICTE Faculty ID	1-3295527647		
Anna University ID			
Designation	Assistant Professor		
Date of Joining the Institution	30.05.2016		
College mail id	dts-cse@nec.edu.in		
Qualification with Class / Grade	B.E (CSE) First class with Distinction	M.E (CSE) First Class	Ph D -.Pursuing
Total Experience in Years	Teaching – 13 Y 1 M	Industry -Nil	Research -
Area of Specialization	Image Processing, Data Analytics, Deep Learning		
Papers Published in Journals	National -	International - 4	
Papers Presented in Conferences	National -	International - 9	
PhD Guide / Give field & University	Dr.V.Gomathi, Professor & Head / CSE National Engineering College, Kovilpatti	ICE, Anna University, Chennai	
PhDs / Projects Guided	Ph.Ds - NIL	Projects at Masters Level - 2	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	J.Karthikeyan		
Date of Birth & Age	21.09.1989 & 35		
AICTE Faculty ID	1-10690096551		
Anna University ID	270770		
Designation	Assistant Professor		
Date of Joining the Institution	01.10.2021		
College mail id	karthikeyan_cse@nec.edu.in		
Qualification with Class / Grade	UG- First Class	PG- M.E – First Class with Distinction	Ph D -. Pursing
Total Experience in Years	Teaching – 7.6 Year	Industry – 1 Year	Research – 2.5 Year
Area of Specialization	Augmented Reality & Virtual Reality and Metaverse		
Papers Published in Journals	National - 0	International - 4	
Papers Presented in Conferences	National - 3	International - 10	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds– Nil	Projects at Masters Level - 2	
IPRs/ Patents	1 (Design Patent Published)		
Books Published	3 (Scopus Indexed Book Chapter)		
Professional Memberships	Nil		
Consultancy Activities	1 – TryCAE Industrial Engineering - Trichy		
Awards	UGC NET (Eligible for Assistant Professor - 2019) NPTEL Discipline Star (Jan-Apr 2023)		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	Ida Christy. J		
Date of Birth & Age	5/10/1977 & 47 years		
AICTE Faculty ID	1-451351579		
Anna University ID	285261		
Designation	Assistant Professor		
Date of Joining the Institution	22/08/2022		
College mail id	christy@nec.edu.in		
Qualification with Class / Grade	UG- B.E. I Class	PG- M.E-I Class with Distinction	Ph D - I Class
Total Experience in Years	Teaching – 18 years	Industry - Nil	Research -
Area of Specialization	Computer Science and Engineering		
Papers Published in Journals	National -	International -11	
Papers Presented in Conferences	National -	International -	
PhD Guide / Give field & University	Dr. V. Seenivasagam, Professor, National Engineering College	Computer Science and Engineering, Manonmaniam Sundaranar University	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents			
Books Published			
Professional Memberships	ISTE, IAENG		
Consultancy Activities			
Awards			
Grants fetched			
Interaction with Professional Institutions			

<b>Name of the Teaching Staff</b>	M.Kanthimathi		
<b>Date of Birth &amp; Age</b>	08.10.1994 & 30		
<b>AICTE Faculty ID</b>	1-7472141241		
<b>Anna University ID</b>	271746		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	10.06.2019		
<b>College mail id</b>	kanthimathi_cse@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-B.E First class with Distinction	PG- M.E First class with Distinction	Ph D - Pursuing
<b>Total Experience in Years</b>	Teaching – 5.9 years	Industry - Nil	Research -
<b>Area of Specialization</b>	Medical Image Processing		
<b>Papers Published in Journals</b>	National -	International -	
<b>Papers Presented in Conferences</b>	National -	International - 3	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	CSI Membership - F8004927		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


Name of the Teaching Staff	Ms.P.PRIYADHARSHINI		
Date of Birth & Age	06/07/1997 & 27		
AICTE Faculty ID	1-43418556846		
Anna University ID	272415		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	11/07/2022		
College mail id	<a href="mailto:Priyadharshini-cse@nec.edu.in">Priyadharshini-cse@nec.edu.in</a>		
Qualification with Class / Grade	UG- B.Tech	PG- M.E	Ph D -.Nil
Total Experience in Years	Teaching – 2 Years 9 Months	Industry -Nil	Research - Nil
Area of Specialization	Blockchain and Cybersecurity		
Papers Published in Journals	National – Nil	International -8	
Papers Presented in Conferences	National – Nil	International –4	
PhD Guide / Give field & University	Nil	Nil	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


<b>Name of the Teaching Staff</b>	Navedha Evanjalín R		
<b>Date of Birth &amp; Age</b>	23/03/1991 & 34		
<b>AICTE Faculty ID</b>	1-10650616251		
<b>Anna University ID</b>	271599		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	21/07/2022		
<b>College mail id</b>	navedha-cse@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG - B.Tech – First Class	PG - M.E – First Class	Ph D - Pursuing
<b>Total Experience in Years</b>	Teaching – 3 Years 5 Months	Industry - Nil	Research - Nil
<b>Area of Specialization</b>	Image Processing and Networking		
<b>Papers Published in Journals</b>	National - 2	International -	
<b>Papers Presented in Conferences</b>	National -	International - 10	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>			
<b>Books Published</b>			
<b>Professional Memberships</b>			
<b>Consultancy Activities</b>			
<b>Awards</b>			
<b>Grants fetched</b>			
<b>Interaction with Professional Institutions</b>			


Name of the Teaching Staff	R.Vazhan Arul Santhiya		
Date of Birth & Age	11.07.1993 & 31		
AICTE Faculty ID	1-43734312261		
Anna University ID	273072		
Designation	Assistant Professor		
Date of Joining the Institution	18.07.2022		
College mail id	santhiya-cse@nec.edu.in		
Qualification with Class / Grade	UG-B.E. CSE(First class)/7.6	PG- M.E CSE(First class)/7.6	Ph D -.Nil
Total Experience in Years	Teaching – 2 years 8 months	Industry - Nil	Research -Nil
Area of Specialization	Augmented Reality and Virtual Reality		
Papers Published in Journals	National -	International -1	
Papers Presented in Conferences	National -	International -2	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		


Name of the Teaching Staff	Amsaveni K		
Date of Birth & Age	17.02.1990 & 34		
AICTE Faculty ID	285078		
Anna University ID	1-7344175267		
Designation	Assistant Professor		
Date of Joining the Institution	05.07.2023		
College mail id	Amsaveni-cse@nec.edu.in		
Qualification with Class / Grade	UG- First Class	PG- M.E – First Class	Ph D -.Pursuing
Total Experience in Years	Teaching – 10 Years 6 Months	Industry - Nil	Research -
Area of Specialization	Wireless Adhoc Networks		
Papers Published in Journals	National - 0	International - 3	
Papers Presented in Conferences	National - 2	International - 7	
PhD - Give field & University	Wireless Adhoc Networks	Anna University	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - 2	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	TNSCST – Popularizatio of Science Scheme – Rs.20000		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	Lincy A		
Date of Birth & Age	28/09/1995 & 29		
AICTE Faculty ID	17443431335		
Anna University ID	271133		
Designation	Assistant Professor		
Date of Joining the Institution	16-08-2022		
College mail id	lincy-cse@nec.edu.in		
Qualification with Class / Grade	UG - B.E First Class	PG - M.E First Class with Distinction	
Total Experience in Years	Teaching – 3 years 3 months	Industry - Nil	Research - Nil
Area of Specialization	Computer Science and Engineering		
Papers Published in Journals	National -0	International - 8	
Papers Presented in Conferences	National -0	International - 3	
PhD Guide / Give field & University	-		
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level -Nil	
IPRs/ Patents	Nil		
Books Published	1		
Professional Memberships	IAENG		
Consultancy Activities	Nil		
Awards	Rank Holder – 16 in M.E Anna university batch (2017-2019)		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	M . Pappathi Jancy Rani		
Date of Birth & Age	20-09-1999 & 25		
AICTE Faculty ID	1-43528345311		
Anna University ID	272378		
Designation	Assistant Professor		
Date of Joining the Institution	08.05.2023		
College mail id	pappathi-cse@nec.edu.in		
Qualification with Class / Grade	UG – 7.6	PG- M.E – 8.78	Ph D -.Nil
Total Experience in Years	Teaching – 1 Year 10 Months	Industry - Nil	Research - Nil
Area of Specialization	Networking		
Papers Published in Journals	National -	International - Nil	
Papers Presented in Conferences	National -	International - 2	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

<b>Name of the Teaching Staff</b>	Ms. D. Abisha		
<b>Date of Birth &amp; Age</b>	08.11.1993 & 31		
<b>AICTE Faculty ID</b>	1-10539273864		
<b>Anna University ID</b>	270921		
<b>Designation</b>	Asst.Prof.		
<b>Date of Joining the Institution</b>	09.08.2021		
<b>College mail id</b>	abisha_cse@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- FWD	PG- M.E -FWD	Ph D -.
<b>Total Experience in Years</b>	Teaching – 7.6 years	Industry -Nil	Research -
<b>Area of Specialization</b>			
<b>Papers Published in Journals</b>	National - 1	International - 16	
<b>Papers Presented in Conferences</b>	National -	International - 2	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	International Association of Engineers (IAENG)		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


Name of the Teaching Staff	G.Pavithra		
Date of Birth & Age	24-09-1993 & 31		<div>Photo</div> 
AICTE Faculty ID	1-44721314404		
Anna University ID	272309		
Designation	Assistant Professor		
Date of Joining the Institution	10-04-2024		
College mail id	csepavithra@nec.edu.in		
Qualification with Class / Grade	UG- 7.30	PG- M.E - 9.08	Ph D -.
Total Experience in Years	Teaching – 11 months	Industry - 4 years	Research -
Area of Specialization	Machine and Deep Learning		
Papers Published in Journals	National -	International -	
Papers Presented in Conferences	National -	International - 2	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	K.AMUTHA		
Date of Birth & Age	10/05/1986 & 38		
AICTE Faculty ID	1-44724114094		
Anna University ID	271426		
Designation	Assistant Professor		
Date of Joining the Institution	02/05/2024		
College mail id	amuthacse@nec.edu.in		
Qualification with Class / Grade	UG- B.E. Ist Class	PG- M.E Ist Class with Distinction	Ph D -.
Total Experience in Years	Teaching -6	Industry - Nil	Research -
Area of Specialization	Computer Science and Engineering		
Papers Published in Journals	National -	International -	
Papers Presented in Conferences	National -1	International -1	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	ISTE(The Indian Society for Technical Education)-Life time member		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Teaching Staff	Dr.S.Tamil Selvi		
Date of Birth & Age	30.05.1967 & 57 years		
AICTE Faculty ID	1-455253119		
Anna University ID	287071		
Designation	Professor & Head		
Date of Joining the Institution	02.07.1992		
College mail id	stsece@nec.edu.in		
Qualification with Class / Grade	UG-B.E – First Class	PG- M.E First Class	Ph D -.Completed
Total Experience in Years	Teaching – 34	Industry - Nil	Research - 20
Area of Specialization	Wireless Communication		
Papers Published in Journals	National -	International -56	
Papers Presented in Conferences	National -	International -33	
PhD Guide / Give field & University	Signal processing and wireless communication	M.S University	
PhDs / Projects Guided	Ph.Ds – 14 awarded Pursuing - 3	Projects at Masters Level - 20	
IPRs/ Patents	1		
Books Published	One book chapter		
Professional Memberships	IEEE,IETE,IE(I),ISTE,CSI		
Consultancy Activities	Biometric work completed to Madurai Corporation		
Awards	4		
Grants fetched	3		
Interaction with Professional Institutions	10		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Dr.A.Shenbagavalli		
<b>Date of Birth &amp; Age</b>	25.01.1965		
<b>AICTE Faculty ID</b>	1-455253017		
<b>Anna University ID</b>	294903		
<b>Designation</b>	Professor		
<b>Date of Joining the Institution</b>	04.07.1988		
<b>College mail id</b>	a_shenbagavalli@nec.edu.in		
<b>Qualification with Class / Grade</b>	B.E – First class	M.E – First class	Ph D - Completed
<b>Total Experience in Years</b>	Teaching – 36 y 8 Months	Industry - Nil	Research - 22
<b>Area of Specialization</b>	Signal Processing application, Digital Electronics		
<b>Papers Published in Journals</b>	National -	International - 36	
<b>Papers Presented in Conferences</b>	National -	International - 17	
<b>PhD Guide / Give field &amp; University</b>	yes	Signal Processing application, Digital Electronics & Anna University	
<b>PhDs / Projects Guided</b>	7+6	Projects at Masters Level - 12	
<b>IPRs/ Patents</b>			
<b>Books Published</b>	2		
<b>Professional Memberships</b>	ISTE, IETE, IEEE, IE(I), BME		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	Mentor in AICTE Margdarshan		
<b>Grants fetched</b>	3		
<b>Interaction with Professional Institutions</b>	28		


## DEPARTMENT OF ECE

Name of the Teaching Staff	Dr.T.S.Arun Samuel		
Date of Birth & Age	27.06.1983 and 42		
AICTE Faculty ID	1-3231769840		
Anna University ID			
Designation	Professor		
Date of Joining the Institution	03.08.2016		
College mail id	<a href="mailto:arunsamuelece@nec.edu.in">arunsamuelece@nec.edu.in</a>		
Qualification with Class / Grade	UG-First Class	PG-M.EFirst Class	Ph D -.Completed
Total Experience in Years	Teaching 15	Industry -Nil	Research -3
Area of Specialization	Semiconductor Device Modeling		
Papers Published in Journals	National -	International -67	
Papers Presented in Conferences	National -	International -25	
PhD Guide / Give field & University	Yes	Semiconductor Device Modeling and Anna University	
PhDs / Projects Guided	Ph.Ds -8	Projects at Masters Level -5	
IPRs/ Patents	1		
Books Published	Book Editor-3, Book Chapter-05		
Professional Memberships	IEEE Senior Member		
Consultancy Activities	Nil		
Awards	Best Paper Award in Solid state Electronics Journal		
Grants fetched	AICTE ATAL FDP and AICTE IDEA lab		
Interaction with Professional Institutions	Nil		

## DEPARTMENT OF ECE

<b>Name of the Teaching Staff</b>	Dr.N.Arumugam		
<b>Date of Birth &amp; Age</b>	11.04.1965 & 60		
<b>AICTE Faculty ID</b>	1-455253025		
<b>Anna University ID</b>	290838		
<b>Designation</b>	Asso.Professor		
<b>Date of Joining the Institution</b>	12.10.1988		
<b>College mail id</b>	naece@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.E First class	PG- M.E First class	Ph D - completed
<b>Total Experience in Years</b>	Teaching – 32	Industry -Nil	Research - 18
<b>Area of Specialization</b>	VLSI Design		
<b>Papers Published in Journals</b>	National -	International - 10	
<b>Papers Presented in Conferences</b>	National -	International -3	
<b>PhD Guide / Give field &amp; University</b>	yes	VLSI & Anna University	
<b>PhDs / Projects Guided</b>	1	Projects at Masters Level - 6	
<b>IPRs/ Patents</b>			
<b>Books Published</b>	-		
<b>Professional Memberships</b>	ISTE		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	15		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Teaching Staff	Dr.V.Suresh		
Date of Birth & Age	16.03.1978		
AICTE Faculty ID	1-455253357		
Anna University ID	296702		
Designation	Asso. Prof		
Date of Joining the Institution	07.08.2003		
College mail id	vsece@nec.edu.in		
Qualification with Class / Grade	UG- B.E – II class	PG- M.E I Class	Ph D -. Completed
Total Experience in Years	Teaching – 22 Y	Industry - Nil	Research - 15
Area of Specialization	Measurement, sensors of control system		
Papers Published in Journals	National -	International - 9	
Papers Presented in Conferences	National -	International - 12	
PhD Guide / Give field & University	yes	Measurement, sensors of control system & Anna University	
PhDs / Projects Guided	3	Projects at Masters Level -	
IPRs/ Patents	1 Patent filled		
Books Published	3 Book Chapter Published,		
Professional Memberships	ISTE–LifememberMembershipNumber:LM41828 2.IEEE-Member–94733535		
Consultancy Activities	1 Validation of Instruments in power plant is carried out 2.Trainer for Industry 4.0		
Awards			
Grants fetched	2		
Interaction with Professional Institutions	5		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Dr. K.J. Prasanna Venkatesan		
<b>Date of Birth &amp; Age</b>	04.07.1982&43 Yrs		
<b>AICTE Faculty ID</b>	1-455253063		
<b>Anna University ID</b>	275729		
<b>Designation</b>	Associate Professor		
<b>Date of Joining the Institution</b>	22.11.2003		
<b>College mail id</b>	prasanna@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-B.E ECE	PG- M.E Communication Systems	Ph D -.Wireless
<b>Total Experience in Years</b>	Teaching – 22 Yrs	Industry -Nil	Research -
<b>Area of Specialization</b>	Wireless Network Security		
<b>Papers Published in Journals</b>	National -	International -6	
<b>Papers Presented in Conferences</b>	National -	International -6	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -10	
<b>IPRs/ Patents</b>	3-Patents Published		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	IETE-M,ISTE(LM)		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Dr.C.Balamurugan		
<b>Date of Birth &amp; Age</b>	31.05.1985 & 39		
<b>AICTE Faculty ID</b>	1- 455253075		
<b>Anna University ID</b>	294485		
<b>Designation</b>	Associate Professor		
<b>Date of Joining the Institution</b>	19.05.2008		
<b>College mail id</b>	balamurugan@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-ECE	PG- M.E - Commn. Systems	Ph D -ICE
<b>Total Experience in Years</b>	Teaching –17	Industry -Nil	Research -
<b>Area of Specialization</b>	RF and Microwave Communication		
<b>Papers Published in Journals</b>	National - 2	International -6	
<b>Papers Presented in Conferences</b>	National - 1	International -6	
<b>PhD Guide / Give field &amp; University</b>	Yes	RF and Microwave	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


## DEPARTMENT OF ECE

Name of the Teaching Staff	Dr.A.SARAVANASELVAN M.E.,Ph.D.,MIE.,		
Date of Birth & Age	03.04.1981 & 45		
AICTE Faculty ID	1-455253067		
Anna University ID	282985		
Designation	Associate Professor		
Date of Joining the Institution	27-07-2004		
College mail id	saravanaselvan@nec.edu.in		
Qualification with Class / Grade	UG- B.E ECE	PG- M.E APPLIED ELECTRONICS	Ph D -. WIRELESS SENSOR NETWORKS
Total Experience in Years	Teaching 20 YEARS	Industry -Nil	Research – 12 YEARS
Area of Specialization	WIRELESS SENSOR NETWORKKS		
Papers Published in Journals	National - 4	International - 13	
Papers Presented in Conferences	National - 5	International - 6	
PhD Guide / Give field & University		NA	
PhDs / Projects Guided	Ph.Ds - NA	Projects at Masters Level - 9	
IPRs/ Patents	1		
Books Published	-		
Professional Memberships	IEI-M-159440-5		
Consultancy Activities	-		
Awards	1		
Grants fetched	3		
Interaction with Professional Institutions	2		


## DEPARTMENT OF ECE

Name of the Teaching Staff	T.Devakumar		
Date of Birth & Age	01-02-1972 & 53		
AICTE Faculty ID	1-455253051		
Anna University ID	295014		
Designation	AP(SG)		
Date of Joining the Institution	20.06.2001		
College mail id	tdkece@nec.edu.in		
Qualification with Class / Grade	UG – B.E first class	PG- M.E First class	Ph D -.pursuing
Total Experience in Years	Teaching –	Industry - Nil	Research -
Area of Specialization	Embedded System		
Papers Published in Journals	National -	International - 1	
Papers Presented in Conferences	National -	International - 7	
PhD Guide / Give field & University	Textile based Field Effect transistor	Anna University	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level - 6	
IPRs/ Patents			
Books Published	Book Chapter (1)		
Professional Memberships	ISTE, IETE,ACCS		
Consultancy Activities	-		
Awards	-		
Grants fetched	1 (RS 2441360/-)		
Interaction with Professional Institutions	10		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Mr.S.Cammillus		
<b>Date of Birth &amp; Age</b>	09/04/1980 & 45		
<b>AICTE Faculty ID</b>	1-455253123		
<b>Anna University ID</b>	286484		
<b>Designation</b>	ASSISTANT PROFESSOR (SG)		
<b>Date of Joining the Institution</b>	01.06.2007		
<b>College mail id</b>	cammilus@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- BE First class	PG- M.E First Class	Ph D -.Pursuing
<b>Total Experience in Years</b>	Teaching – 19	Industry - Nil	Research - 15
<b>Area of Specialization</b>	Multimedia Networks		
<b>Papers Published in Journals</b>	National -	International - 3	
<b>Papers Presented in Conferences</b>	National - 1	International - 1	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level - 06	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>			
<b>Professional Memberships</b>	ISTE		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


Department of ECE

Name of the Teaching Staff	Dr.K.Subramanian		
Date of Birth & Age	04/12/1983 & 42		
AICTE Faculty ID	1-455253091		
Anna University ID	276481		
Designation	AP(SG)		
Date of Joining the Institution	15.05.2009		
College mail id	subramanian@nec.edu.in		
Qualification with Class / Grade	UG- ECE	PG- M.E Computer and Communication	Ph D – Sensor Networks -Completed
Total Experience in Years	Teaching 16 years	Industry -Nil	Research -
Area of Specialization	Wireless Sensor Networks and Machine Learning		
Papers Published in Journals	National -	International -2	
Papers Presented in Conferences	National 2	International -2	
PhD Guide / Give field & University	No	-	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level -2	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	Attended Summer Research faculty fellowship at IIT, Delhi from 14 <sup>th</sup> May 2024 to 30 <sup>th</sup> June 2024		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Teaching Staff	Dr.R.Manjula Devi		
Date of Birth & Age	20.01.1987 & 38		
AICTE Faculty ID	1-455253107		
Anna University ID	275961		
Designation	AP(SG)/ECE		
Date of Joining the Institution	02.06.2010		
College mail id	rmdece@nec.edu.in		
Qualification with Class / Grade	UG-82% FWD	PG-M.E 87.6% FWD	Ph D -
Total Experience in Years	Teaching – 15.2	Industry -Nil	Research -
Area of Specialization			
Papers Published in Journals	National -	International - 4	
Papers Presented in Conferences	National -	International - 4	
PhD Guide / Give field & University	Dr.A.Shenbagavalli, Prof/ECE	Image Processing	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	IETE, ISTE		
Consultancy Activities	-		
Awards	NPTEL Discipline star, Received best paper award		
Grants fetched	-		
Interaction with Professional Institutions	Guest lecture on Transmission line and RF systems: Waveguides and basic concepts of RF Systems in SCAD Engg college on 04.11.2024		


# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Teaching Staff	Dr.I.Vivek Anand		
Date of Birth & Age	14.03.1991 and 34years	 Photo	
AICTE Faculty ID	1-2297810269		
Anna University ID	281523		
Designation	Assistant Professor (Senior Grade)		
Date of Joining the Institution	02.06.2014		
College mail id	ivaeece@nec.edu.in		
Qualification with Class / Grade	UG-B.E ECE - FWD	PG- M.E VLSI Design - FWD	Ph D -.Device Modelling
Total Experience in Years	Teaching – 10 years and 8 months	Industry - Nil	Research - 06
Area of Specialization	VLSI Device Modelling		
Papers Published in Journals	National -	International - 4	
Papers Presented in Conferences	National - 2	International - 1	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds - NIL	Projects at Masters Level - NIL	
IPRs/ Patents	NIL		
Books Published	Book Chapter - “Modelling and Simulation of Dual-Material Asymmetric Heterojunction Field Effect Transistor” in Handbook of Emerging Materials for Semiconductor Industry. Pages 317-332, Publisher: Springer Nature Singapore		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Mr.M.SATHISHKUMAR		
<b>Date of Birth &amp; Age</b>	14.05.1988 & 37		
<b>AICTE Faculty ID</b>	1-2187185530		
<b>Anna University ID</b>	281712		
<b>Designation</b>	Assistant Professor (SG)		
<b>Date of Joining the Institution</b>	13.05.2013		
<b>College mail id</b>	<a href="mailto:mskece@nec.edu.in">mskece@nec.edu.in</a>		
<b>Qualification with Class / Grade</b>	B.E/ECE – First Class	M.E – Communication Systems – First Class	Ph D -.
<b>Total Experience in Years</b>	Teaching–14	Industry - Nil	Research - 06
<b>Area of Specialization</b>	Device Modelling,		
<b>Papers Published in Journals</b>	National -	International - 2	
<b>Papers Presented in Conferences</b>	National -	International - 2	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Teaching Staff	Mr.B.Ganapathy Ram		
Date of Birth & Age	30.05.1988		
AICTE Faculty ID	1-2187364863		
Anna University ID	287307		
Designation	Asst.Prof(SG)		
Date of Joining the Institution	13.05.2013		
College mail id	bgrece@nec.edu.in		
Qualification with Class / Grade	UG-B.E First class	PG- M.E First class	Ph D -.pursuing
Total Experience in Years	Teaching – 13	Industry - Nil	Research - 7
Area of Specialization	Wireless Communication		
Papers Published in Journals	National -	International -3	
Papers Presented in Conferences	National -	International -10	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	Patent – 1 published , granted -1		
Books Published	Book Chapter - 1		
Professional Memberships	IE(I)		
Consultancy Activities	2		
Awards			
Grants fetched	7		
Interaction with Professional Institutions	6		


## DEPARTMENT OF ECE

<b>Name of the Teaching Staff</b>	KARTHIKA S		
<b>Date of Birth &amp; Age</b>	04/11/1989 & 35		
<b>AICTE Faculty ID</b>	1-2187421271		
<b>Anna University ID</b>	276354		
<b>Designation</b>	ASSISTANT PROFESSOR		
<b>Date of Joining the Institution</b>	13.06.2013		
<b>College mail id</b>	skece@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.E - ECE	PG- M.E VLSI Design	Ph D -.Pursuing
<b>Total Experience in Years</b>	Teaching – 11.8	Industry - Nil	Research -
<b>Area of Specialization</b>	VLSI DESIGN		
<b>Papers Published in Journals</b>	National - 1	International - 3	
<b>Papers Presented in Conferences</b>	National - 1	International - 3	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds - Nil	Projects at Masters Level - Nil	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Teaching Staff	Mrs.S.Malathi		
Date of Birth & Age	26.02.1989,36		
AICTE Faculty ID	1-7453773547		
Anna University ID	286751		
Designation	Assistant Professor		
Date of Joining the Institution	08.05.2019		
College mail id	malathi_ece@nec.edu.in		
Qualification with Class / Grade	UG-Electronics and Communication Engineering First Class with Distinction	PG- M.E- Optical Communication	Ph D -.Pursuing
Total Experience in Years	Teaching –11	Industry -Nil	Research -Nil
Area of Specialization	Signal and Image processing		
Papers Published in Journals	National - Nil	International - Nil	
Papers Presented in Conferences	National -	International - A paper entitled ,” Plant Disease Identification using Deep Learning Algorithms” on IEEE international conference on Emerging technologies and application for a smart and sustainable world.	
PhD Guide / Give field & University	Nil	Nil	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		


## DEPARTMENT OF ECE

<b>Name of the Teaching Staff</b>	Kalieswari C		
<b>Date of Birth &amp; Age</b>	18.05.1991, 34 years		
<b>AICTE Faculty ID</b>	1-7453855093		
<b>Anna University ID</b>	291024		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	15.05.2019		
<b>College mail id</b>	Kalieswari_ece@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.E - ECE with First class with distinction	PG- M.E – VLSI Design with First class with distinction	Ph D -.
<b>Total Experience in Years</b>	Teaching – 6	Industry - Nil	Research -
<b>Area of Specialization</b>	VLSI Design		
<b>Papers Published in Journals</b>	National -	International - 4	
<b>Papers Presented in Conferences</b>	National -	International - 6	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>			
<b>Grants fetched</b>	As a Co- Principal Investigator for the Project title” In Campus Navigation Assistive System For Blind School Students” – Funds received Rs.20,47,300 /-		
<b>Interaction with Professional Institutions</b>	-		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Teaching Staff	Ms.P.Arishenbagam		
Date of Birth & Age	15.04.1999		
AICTE Faculty ID	1-43427355589		
Anna University ID	276953		
Designation	AP		
Date of Joining the Institution	18.07.2022		
College mail id	ariyammal-ece@nec.edu.in		
Qualification with Class / Grade	UG- ECE/First	PG- M.E/First	Ph D - NA
Total Experience in Years	Teaching – 3 Years	Industry - Nil	Research - NA
Area of Specialization	Embedded Systems		
Papers Published in Journals	National - 01	International - 01	
Papers Presented in Conferences	National - 01	International -	
PhD Guide / Give field & University	NA	NA	
PhDs / Projects Guided	Ph.Ds - NA	Projects at Masters Level - NA	
IPRs/ Patents	NA		
Books Published	NA		
Professional Memberships	NA		
Consultancy Activities	NA		
Awards	NA		
Grants fetched	NA		
Interaction with Professional Institutions	NA		

## DEPARTMENT OF ECE

Name of the Teaching Staff	Dr.S.Lavanya		
Date of Birth & Age	04-06-1990, 34		
AICTE Faculty ID	1-43458381984		
Anna University ID	276415		
Designation	Assistant Professor		
Date of Joining the Institution	30-04-2023		
College mail id	lavanya-ece@nec.edu.in		
Qualification with Class / Grade	UG- B.E ECE (8.36)	PG- M.E (8.74)	Ph D -.Cognitive Radio Ad hoc Networks
Total Experience in Years	Teaching- 2 years 3 months	Industry - Nil	Research – 6 years
Area of Specialization	Cognitive Radio Ad hoc Networks, Wireless communication		
Papers Published in Journals	National - 0	International -3	
Papers Presented in Conferences	National -5	International -0	
PhD Guide / Give field & University		NA	
PhDs / Projects Guided	Ph.Ds - NA	Projects at Masters Level -NA	
IPRs/ Patents	1		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	R.Geeta		
<b>Date of Birth &amp; Age</b>	04/02/1992 & 32		
<b>AICTE Faculty ID</b>	1-11275352772		
<b>Anna University ID</b>	292822		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	03/05/2023		
<b>College mail id</b>	geeta-ece@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-B.E First Class	PG- M.E First Class	Ph D -.Nil
<b>Total Experience in Years</b>	Teaching –9	Industry - Nil	Research - Nil
<b>Area of Specialization</b>	Signal Processing		
<b>Papers Published in Journals</b>	National -	International - 8	
<b>Papers Presented in Conferences</b>	National -	International -7	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Nil	Projects at Masters Level - Nil	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Mrs. S. SULOCHANA		
<b>Date of Birth &amp; Age</b>	24.05.1984 & 40		
<b>AICTE Faculty ID</b>	1-2190894453		
<b>Anna University ID</b>	286866		
<b>Designation</b>	ASSISTANT PROFESSOR		
<b>Date of Joining the Institution</b>	08.05.2023		
<b>College mail id</b>	sulochana-ece@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-I Distn/78	PG- M.E- I/9.23 (AU 2 <sup>nd</sup> rank)	Ph D -.Pursuing
<b>Total Experience in Years</b>	Teaching – 16	Industry - Nil	Research - Nil
<b>Area of Specialization</b>	Deep Learning		
<b>Papers Published in Journals</b>	National - Nil	International - 5	
<b>Papers Presented in Conferences</b>	National - 5	International - 4	
<b>PhD Guide / Give field &amp; University</b>	Nil		
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level - 2	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


## DEPARTMENT OF ECE

Name of the Teaching Staff	C. K. Balasundari		
Date of Birth & Age	31 <sup>st</sup> July , 1991 & 33		
AICTE Faculty ID	1-2192273821		
Anna University ID	287834		
Designation	Assistant Professor		
Date of Joining the Institution	5 <sup>th</sup> July, 2023		
College mail id	balasundari-ece@nec.edu.in		
Qualification with Class / Grade	UG-I	PG- M.E-I	Ph D -.
Total Experience in Years	Teaching – 8.4 years	Industry -6 months	Research -
Area of Specialization	VLSI Signal Processing		
Papers Published in Journals	National -	International -3	
Papers Presented in Conferences	National -	International -4	
PhD Guide / Give field & University	Dr. Beno. A, Prof & Head	Antenna Design & Anna University	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents			
Books Published			
Professional Memberships	IETE		
Consultancy Activities			
Awards			
Grants fetched			
Interaction with Professional Institutions			


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Teaching Staff	Er.S.MugunthaMala.,M.E.,M.I.E.,		
Date of Birth & Age	24.04.1991& 33 Years		
AICTE Faculty ID	1-43993184591		
Anna University ID	287927		
Designation	Assistant Professor		
Date of Joining the Institution	04.12.2023		
College mail id	mugunthamala-ece@nec.edu.in		
Qualification with Class / Grade	UG-B.Tech First Class	PG- M.E First Class with Distinction	Ph D - Pursuing
Total Experience in Years	Teaching – 3	Industry -9	Research - 1
Area of Specialization	Antennas		
Papers Published in Journals	National - -	International - 3	
Papers Presented in Conferences	National – 1	International - 2	
PhD Guide / Give field & University	Dr.C.Balamurugan	Associate Professor/ECE National Engineering College	
PhDs / Projects Guided	Ph.Ds - -	Projects at Masters Level - -	
IPRs/ Patents	--		
Books Published	--		
Professional Memberships	1. Member of Institute of Engineers 2. Journal Reviewer in Institute of Engineers India – Series B		
Consultancy Activities	-		
Awards	College 2 <sup>nd</sup> Rank in M.E		
Grants fetched	-		
Interaction with Professional Institutions	Delivered a lecture to the students of Grace Engineering College, Tuticorin.		

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Dr.S.SUBASELVI		
<b>Date of Birth &amp; Age</b>	22/04/1994 & 30 years		
<b>AICTE Faculty ID</b>	1-44719282861		
<b>Anna University ID</b>	286680		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	18/06/2024		
<b>College mail id</b>	subaselviece@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- First Class	PG- M.E – First class with Distiction	Ph.D – First Class
<b>Total Experience in Years</b>	Teaching – 2.8 years	Industry - Nil	Research – 4.8 years
<b>Area of Specialization</b>	RF Wireless Communication and Networking		
<b>Papers Published in Journals</b>	National - 0	International - 7	
<b>Papers Presented in Conferences</b>	National - 3	International - 6	
<b>PhD Guide / Give field &amp; University</b>	Nil		
<b>PhDs / Projects Guided</b>	Ph.Ds - Nil	Projects at Masters Level -Nil	
<b>IPRs/ Patents</b>	2 Patent Granted		
<b>Books Published</b>	2 Book Chapters Published		
<b>Professional Memberships</b>	IETE		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	2		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Name of the Teaching Staff	PRICILLA MARY S		
Date of Birth & Age	25.05.1990 &34		
AICTE Faculty ID	1-9316519169		
Anna University ID	283085		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	25.07.2024		
College mail id	pricillaece@nec.edu.in		
Qualification with Class / Grade	UG-B.E First Class with Distinction	PG- M.E- First Class	Ph D -. Pursuing
Total Experience in Years	Teaching – 9.4	Industry -Nil	Research -Nil
Area of Specialization	Antenna Design		
Papers Published in Journals	National -	International -5	
Papers Presented in Conferences	National - 5	International -5	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -3	
IPRs/ Patents	1. MIMO Antenna System optimized for 5G Networks 2. Neural Network Based Antenna tuning for improved signal quality in 5G Networks 3. Smart Antenna systems for Improved performance in wireless networks		
Books Published	1. Microwave Engineering Concepts and Applications, ISBN:978-81-963714-4-9		


# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

	2. Miniaturized Patch Antenna Design for WBAN Applications, ISBN: 978-620-7-63920-5 3. Drone Technologies, ISBN: 978-81-972803-8-2 4. Therapeutic Equipment, ISBN:978-81-972240-4-1 5. Fundamentals of Healthcare Analytics, ISBN:978-81-983558-0-5
<b>Professional Memberships</b>	Associate Member in IETE
<b>Consultancy Activities</b>	NIL
<b>Awards</b>	NIL
<b>Grants fetched</b>	NIL
<b>Interaction with Professional Institutions</b>	NIL


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Kirthiga Alias Sridevi.E		
<b>Date of Birth &amp; Age</b>	17.09.1992 & 32		
<b>AICTE Faculty ID</b>	1-44720544044		
<b>Anna University ID</b>	287736		
<b>Designation</b>	Assistant professor		
<b>Date of Joining the Institution</b>	02/09/2024		
<b>College mail id</b>	sridevicee@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG B.E(ECE) First Class	PG M.E(Embedded Systems) First Class With Distinction	Ph D -.Nil
<b>Total Experience in Years</b>	Teaching – 06 months	Industry -Nil	Research -Nil
<b>Area of Specialization</b>	Embedded Systems		
<b>Papers Published in Journals</b>	National -0	International -0	
<b>Papers Presented in Conferences</b>	National -0	International -1	
<b>PhD Guide / Give field &amp; University</b>	Nil	Nil	
<b>PhDs / Projects Guided</b>	Ph.Ds -Nil	Projects at Masters Level -Nil	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name of the Teaching Staff</b>	Ms. G. AKALYA DEVI		
<b>Date of Birth &amp; Age</b>	03.0.1988 & 36		
<b>AICTE Faculty ID</b>			
<b>Anna University ID</b>			
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	11.12.2024		
<b>College mail id</b>	akalyaece@nec.edu.in		
<b>Qualification with Class / Grade</b>	ME (Communication Systems) - 9.10 CGPA/ I with Distn		
<b>Total Experience in Years</b>	Teaching -4 years	Industry - Nil	Research -NIL
<b>Area of Specialization</b>	Communication Systems		
<b>Papers Published in Journals</b>	National - nil	International -nil	
<b>Papers Presented in Conferences</b>	National - 2	International -nil	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds - Nil	Projects at Masters Level -Nil	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	Dr. WILLJUICE IRUTHAYARAJAN M			
2	AICTE Faculty ID	1-455253267			
3	Designation	PROFESSOR and Head of Dept.			
4	Department	EEE			
5	Date of Joining the Institution	01.07.2010			
6	Qualifications with Specialization and Class / Grade	UG: B.E (EEE) First Class	PG: M.E (Control and Instrumentation) First Class	Ph.D: Control System	
7	Total Experience in Years	Teaching : 23 Y 03 M	Industry: -	Research: 14 Years	
8	Papers Published in Journals	National: -		International: 70	
9	Papers Presented in Conferences	National: 9		International: 36	
10	PhD Guide/Give Field & University	Field	Control Systems, Evolutionary Computation	University	Anna University, Chennai
11	PhDs / Projects Guided	Ph. D: 03 (Guiding) 10 (Completed)	UG: More than 10 UG Projects	PG: 8 PG Projects	
12	Books Published / IPRs / Patents	Book Chapter Published: 3		IPR/Patents Filed/Published: 1	
13	Professional Memberships	IEEE, Institute of Engineers (India), Instrument Society of India (ISoI), System Society of India, and Indian society for Technical Education (ISTE)			
14	Consultancy Activities	-			
15	Awards	-			
16	Grants Fetched with name of the agency and amount	AICTE – RPS Scheme worth Rs. 9,75 ,000 ISRO – RESPOND Scheme worth Rs. 18, 90,960			
17	Interaction with Professional Institutions	Joint research work with Prof. P. N. Suganthan, Asso. Prof., EEE, NTU, Singapore Prof. Dr. Alphones, Asso. Prof., EEE, NTU, Singapore Prof. Dr. Baskar, Prof., EEE, TCE, Madurai			


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	Dr. L.KALAIVANI				
2	AICTE Faculty ID	1-455253279				
3	Designation	Professor				
4	Department	Electrical and Electronics Engineering				
5	Date of Joining the Institution	16.07.2001				
6	Qualifications with Specialization and Class / Grade	UG: EEE /I	PG: CSE/I		Ph. D.: Information and Communication Engineering/I	
7	Total Experience in Years	Teaching : 23	Industry: - 0		Research: 16	
8	Papers Published in Journals	National: 04			International: 22	
9	Papers Presented in Conferences	National: 05			International: 25	
10	PhD Guide/Give Field & University	Field	Electrical Drives & Soft Computing Techniques		University	Anna University, Chennai
11	PhDs / Projects Guided	Ph. D: 10	UG: 28			PG: 14
12	Books Published / IPRs / Patents	Book Chapter Published: 01			Patents Published: 02	
13	Professional Memberships	IEEE, IE(I), ISTE				
14	Consultancy Activities	Completed a consultancy work on “ <b>Analysis of output torque of Gear reduction and VFD</b> ” for Apex Systems, Coimbatore. Amount: Rs. 25,000/- (Academic Year 2018-2019) Completed a consultancy work on “ <b>Requirement of consultancy for the design and development of adaptive PID controller</b> ” for Apex Systems, Coimbatore. Amount: Rs. 2,00,000/- (Academic Year 2017-2018)				
15	Awards	-				
16	Grants Fetched with name of the agency and amount	Principal Investigator for a IE(I) student chapter project titled “Performance analysis and Breakdown characteristics of XLPE cables under different artificial defects” (Academic Year 2014-2015) worth of 35,000 Co investigator for a DRDO project titled “Four Quadrant Operation Of Switched Reluctance Motor With A Single Controllable Switch” (Academic Year 2009-2012) worth of 8,45,000/-				
17	Interaction with Professional Institutions	-				

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**


1	Name of Teaching Staff	Dr. R.V. MAHESWARI						
2	AICTE Faculty ID	1-455253329						
3	Designation	Professor						
4	Department	Electrical and Electronics Engineering						
5	Date of Joining the Institution	05.01.2001						
6	Qualification with Class/Grade	UG	B.E.(EEE) I Class with Distinction	PG	M.E. (High Voltage Engg.) I Class with Distinction	PhD	High Voltage Engineering	
7	Total Experience	Teaching: 24Y 02 M		Industry: -		Research: 08 Y		
8	Papers Published	National	05		International		20	
9	Papers presented in Conferences	National	15		International		33	
10	Phd guide? Give Field & University	Field	High Voltage Engineering		University		Anna University, Chennai	
11	Phds/Projects Guided	Phds	06 (Guiding) 03 (Completed)		Project at Masters Level		20	
12	Books Published/IPRs/Patents	2/2 patents published 1/2 Granted						
13	Professional Membership	Institution of Engineers(India), and Indian society for Technical Education (ISTE)						
14	Consultancy Activities	-						
15	Awards	-						
16	Grants Fetched	IE(I) Student Project worth Rs. 5,000-						
17	Interaction with Professional institutions	Acted as a Resource Person for Webinar/Seminar/workshop at Francis Xavier Engineering College, Tirunelveli., KLN College of Information & Technology, Sardar Raja College of Engg, Alangulam, Kamaraj College of Engg, Fx Engineering College, Syed Ammal Engineering College, Ramanathapuram, Manonmanium Sundaranar University, Tirunelveli, SRM Valliammai Engineering College, Chennai, Karpagam Academy of Higher Education, coimbatore						

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**


1	Name of the Teaching Staff	Dr.N.B.PRAKASH			
2	AICTE Faculty ID	1-455253283			
3	Designation	PROFESSOR			
4	Department	EEE			
5	Date of Joining the Institution	05.06.2002			
6	Qualifications with Specialization and Class / Grade	UG: B.E (EEE) First Class with Distinction	PG: M.E (Applied Electronics) First Class with Distinction	Ph.D: Image Processing	
7	Total Experience in Years	Teaching : 22 Y 09 M	Industry: -	Research: 09 Y 06 M	
8	Papers Published in Journals	National: -		International: 76	
9	Papers Presented in Conferences	National: 13		International: 41	
10	PhD Guide/Give Field & University	Field	Medical Image Processing, Embedded System, Pollution Performance in Insulators	University	Anna University, Chennai
11	PhDs / Projects Guided	Ph. D: 03 (Guiding)	UG: More than 30 UG Projects		PG: More than 10 PG Projects
12	Books Published / IPRs / Patents	Book Chapter Published: 5		IPR/Patents Filed/Published: 5	
13	Professional Memberships	Institution of Engineers (India), Indian Society for Technical Education (ISTE), and Institution of Electronics and Telecommunication Engineers (IETE)			
14	Consultancy Activities	Consultancy services has been extended to M/s. Kayaar Exports Private Limited, Kovilpatti towards demand supply matching, Windmill O&M, EB liaison etc.			
15	Awards	<ul style="list-style-type: none"><li>Selected as Bentham Open Ambassador for the year 2019-2020.</li><li>Awarded as Certified Master Trainer in TEQIP Sponsored Foundation Skills in Integrated Product Development (FSIPD) Train the Trainer Programme</li><li>Best Project Award from The Institution of Engineers (India) in the 2nd IEI</li></ul>			
16	Grants Fetched with name of the agency and amount	Two Projects to a worth of Rs. 5,00,000/- has been granted from NewGen IEDC			

17	Interaction with Professional Institutions	<ul style="list-style-type: none"> <li>❖ Delivered a Guest Lecture on “NCC Orientation Seminar Marching Towards Greatness – Your Path to Excellence Begins Here” at VIT, Bhopal University, Bhopal on 22nd February 2024 in a Hybrid Mode.</li> <li>❖ Delivered a Guest Lecture on “Power System Operation and Control Using Smart Grid” at Francis Xavier Engineering College, Tirunelveli on 18th October 2023</li> <li>❖ Delivered a Guest Lecture on “Energy Conservation and Optimization” at Francis Xavier Engineering College, Tirunelveli on 27th March 2023</li> <li>❖ Delivered a Guest Lecture on “Prototype/Process Design and Development” at St. Marys College (Autonomous), Thoothukudi on 29th August 2022</li> <li>❖ Delivered a Guest lecture on “Machine Learning and its Applications” at Sri Sivasubramaniya Nadar College of Engineering, Chennai on 9th and 10<sup>th</sup> December 2021</li> <li>❖ Delivered a Guest lecture on “Programming and Interfacing using 8086 and 8051” at R.M.D. Engineering College, Chennai on 9th October 2020</li> <li>❖ Delivered a Guest lecture on “IoT-Its Significance and Applications” at Sri Sivasubramaniya Nadar College of Engineering, Chennai on 24.08.2020</li> <li>❖ Delivered a Guest lecture on “Career Guidance (Higher Studies) for Polytechnic Students” at Lakshmi Ammal Polytechnic College, Kovilpatti on 06.03.2020</li> <li>❖ Delivered a Guest lecture on “<i>Deep Learning Techniques</i>” to the Department of Computer Science, G.Venkataramy Naidu College (SFC) on 08.01.2020.</li> <li>❖ Delivered a Guest lecture on “<i>Unsupervised Machine Learning</i>” to the CSE Department Machine Learning Focus Group, National Engineering College on 07.07.2018.</li> <li>❖ Delivered a guest lecture on “<i>High Voltage Equipments</i>” in a AICTE Sponsored FDP Program High Voltage Engineer from 06.11.2017 – 19.11.2017 organized by EEE Department of National Engineering College, Kovilpatti.</li> <li>❖ Delivered a guest lecture on “<i>Personality and Character Development</i>” at Government College of Engg. Tirunelveli on 29.08.2017.</li> <li>❖ Delivered Seminar on “<i>Segmentation of Retinal Blood Vessels in Colour Fundus Images using ANFIS Classifier</i>” at MEPCO Schlenk Engineering College, Sivakasi on 24.10.2016.</li> <li>❖ Delivered a presentation on “<i>Soft Skills and Opportunities Identification for Entrepreneurs</i>” during the Entrepreneurship awareness camp on 29.12.2015 at National Engineering College, Kovilpatti.</li> <li>❖ Delivered a guest lecture on “<i>Implementation of FLC</i>” in a three days National Level Workshop on “Implementation of Soft Computing Techniques using MATLAB” on 25th to 27th Aug. 2014 organized by EEE Department of National Engineering College, Kovilpatti.</li> <li>❖ Invited as a Resource Person for Webinar in Machine Learning @ St.Mother Theresa Engineering College, Vagaikulum Thoothukudi District.</li> <li>❖ Acted as Technical Session Chair in International Conference on Recent Trends in Automation, Signal Processing and Energy Systems (ICASE2020) conducted during 19<sup>th</sup> and 20<sup>th</sup> June 2020 in Virtual mode @ Kalasalingam Academy of Research and Education, Krishnankoil, Srivilliputtur.</li> <li>❖ Working in the research group under the project titled “BIOMEDICAL TECHNOLOGIES TO IMPROVE CLINICAL DIAGNOSIS AND SUPPORT HEALTHCARE INDUSTRIES” at Majmaah University, Saudi Arabia under project number RGP-2019-33.</li> <li>❖ Invited as a Resource Person for Webinar @ SSN Engineering College, Chennai, Francis Xavier Engineering College, Tirunelveli, Government College of Engineering, Tirunelveli etc.</li> <li>❖ International Collaborative Publication with Kuwait College of Science and Technology, Kuwait.</li> <li>❖ Advisory Board Member in 7th International Conference On Engineering Research and Innovations-(ICERI-2022) Virtual Conference ISBN : 978-93-92105-03-6 22<sup>nd</sup> &amp; 23<sup>rd</sup> September-2022</li> <li>❖ Selected as Bentham Open Ambassador for the year 2019-2020.</li> <li>❖ Scientific Committee Member in the International Conference on Advances in Engineering, Technology, and Contemporary Management Trends [ICAETCMT], 20<sup>th</sup> September 2019, Kathmandu, Nepal. <a href="http://icaetcm.com/scientific.php">http://icaetcm.com/scientific.php</a></li> <li>❖ Editorial Board Member in the BioMed Research Journal (ISSN: 2578-8892) <a href="http://www.scitcentral.com/editorboard.php?journal=43">http://www.scitcentral.com/editorboard.php?journal=43</a></li> <li>❖ Advisory Member in the 2nd International Conference on Power and Embedded Drive Control (ICPEDC-2019), 21st to 23rd August 2019, SSN College of Engineering, Kalavakkam, Chennai. <a href="http://icpedc2019.com/iac.html">http://icpedc2019.com/iac.html</a></li> <li>❖ Working in association with the Professor A.M.Mutawa, Kuwait University &amp; with Professor M.Murugappan, Kuwait College of Science and Technology, Kuwait in the project grant approved with number: E004/18/27th July 2023.</li> </ul>
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**NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI-628503**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	Dr.B. VIGNESHWARAN				
2	AICTE Faculty ID	1-2787321188				
3	Designation	Associate Professor				
4	Department	EEE				
5	Date of Joining the Institution	13.05.2013				
6	Qualifications with Specialization and Class / Grade	UG-I <sup>st</sup> Class	PG- M.E. I <sup>st</sup> Class with distinction		Ph D – High Voltage (2019)	
7	Total Experience in Years	Teaching – 011 Y 10M	Industry -Nil		Research -	
8	Papers Published in Journals	National -			International - 18	
9	Papers Presented in Conferences	National -			International - 35	
10	PhD Guide/Give Field & University	Field	Condition Monitoring of HV Transformer		University	Anna University, Chennai
11	PhDs / Projects Guided	Ph. D: -		UG: 15		PG: 10
12	Books Published / IPRs / Patents	Book Chapter Published: 04			IPR/Patents Filed/Published: 02	
13	Professional Memberships	IEEE, ISTE				
14	Consultancy Activities	-				
15	Awards	-				
16	Grants Fetched with name of the agency and amount	Received a fund of <b>Rs. 18, 90, 960/-</b> under the scheme of Respond Basket 2022 from Indian Space Research Organization, Department of Space, Government of India for the academic Year (2022 – 2023) – Role: Co-Principal Investigator				
17	Interaction with Professional Institutions	-				


## FACULTY PROFILE

1	Name of the Teaching Staff	Dr.S.SANKARAKUMAR			
2	AICTE Faculty ID	1-455253317			
3	Designation	Assistant Professor (SG)			
4	Department	Electrical and Electronics Engineering			
5	Date of Joining the Institution	09.06.2008			
6	Qualifications with Specialization and Class / Grade	UG B.E.(EEE) - I Class	PG – M.E. (Industrial Electronics) - I Class	Ph.D. – Power Electronics	
7	Total Experience in Years	Teaching : 16 Y 9 M	Industry: -	Research: 14 Y 03 M	
8	Papers Published in Journals	National: 02		International: 04	
9	Papers Presented in Conferences	National: 01		International: 13	
10	PhD Guide/Give Field & University	Field	-	University	-
11	PhDs / Projects Guided	Ph. D: -	UG: 16		PG: 06
12	Books Published / IPRs / Patents	Book Chapter Published: -		IPR/Patents Filed/Published: -	
13	Professional Memberships	Indian Society of Technical Education(ISTE)			
14	Consultancy Activities	Energy Auditing			
15	Awards	-			
16	Grants Fetched with name of the agency and amount	-			
17	Interaction with Professional Institutions	-			


**NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI-628503**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	Dr.B.VENKATASAMY			
2	AICTE Faculty ID	1-1435302133			
3	Designation	Assistant Professor (Sr.Grade)			
4	Department	Electrical and Electronics Engineering			
5	Date of Joining the Institution	01.06.2012			
6	Qualifications with Specialization and Class / Grade	UG: B.E (EEE) First Class	PG: M.E. (Power Electronics and Drives) First Class	Ph. D.: Power Electronics	
7	Total Experience in Years	Teaching : 12 Years 9 Months	Industry: -	Research: 08 Years	
8	Papers Published in Journals	National: -		International: 04	
9	Papers Presented in Conferences	National: 02		International: 08	
10	PhD Guide/Give Field & University	Field		University	
11	PhDs / Projects Guided	Ph. D: -	UG: 20		PG: -
12	Books Published / IPRs / Patents	Book Chapter Published: -		Patents Published: 04	
13	Professional Memberships	Institution of Engineers (India)			
14	Consultancy Activities	Consultancy project completed worth of 1.06Lakhs “Automatic Irrigation System” in nearby village “Thonugal”			
15	Awards	-			
16	Grants Fetched with name of the agency and amount	6 Student Projects each worth Rs. 15 Lakhs NewGen IEDC- DST India			
17	Interaction with Professional Institutions	-			


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	Dr. GENGARAJ M			
2	AICTE Faculty ID	1-2187321181			
3	Designation	Assistant Professor (Senior Grade)			
4	Department	Electrical and Electronics Engineering			
5	Date of Joining the Institution	03.06.2013			
6	Qualifications with Specialization and Class / Grade	UG: EEE /I	PG: PED/I	Ph. D.: Electrical Engineering	
7	Total Experience in Years	Teaching : 12	Industry: - 1	Research: 8	
8	Papers Published in Journals	National: 3		International: 5	
9	Papers Presented in Conferences	National: 3		International: 11	
10	PhD Guide/Give Field & University	Field	-	University	-
11	PhDs / Projects Guided	Ph. D: -	UG: 11		PG: -
12	Books Published / IPRs / Patents	Book Chapter Published: 01		IPR/Patents Filed/Published: -	
13	Professional Memberships	ISTE			
14	Consultancy Activities	Completed a consultancy work on “Analysis of output torque of Gear reduction and VFD” for Apex Systems, Coimbatore. Amount: Rs. 25,000/- (Academic Year 2018-2019)			
15	Awards	-			
16	Grants Fetched with name of the agency and amount	-			
17	Interaction with Professional Institutions	-			


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	Dr.P.Samuel Pakianathan				
2	AICTE Faculty ID	1-2187289324				
3	Designation	Assistant Professor				
4	Department	Electrical and Electronics Engineering				
5	Date of Joining the Institution	07.05.2013				
6	Qualifications with Specialization and Class / Grade	UG: BE-EEE	PG: ME-HVE		Ph. D.: EE	
7	Total Experience in Years	Teaching : 10	Industry: -2		Research: 7	
8	Papers Published in Journals	National: -Nil			International: 04	
9	Papers Presented in Conferences	National: -01			International: 15	
10	PhD Guide/Give Field & University	Field	Liquid Dielectrics - High voltage Engineering		University	Anna University, Chennai
11	PhDs / Projects Guided	Ph. D:		UG: 11		PG: 05
12	Books Published / IPRs / Patents	Book Chapter Published:			IPR/Patents Filed/Published:	
13	Professional Memberships	ISTE				
14	Consultancy Activities	High voltage lab testing				
15	Awards	Best paper award for IEEE international conference				
16	Grants Fetched with name of the agency and amount	AICTE Sponsored Faculty Development Programme on “Recent Trends and Applications of High Voltage Engineering” 14 Days 6 <sup>th</sup> to 19th November 2017 – 5 lakhs				
17	Interaction with Professional Institutions	<div>✓ Delivered guest lecture - Topic on “HVDC” at Thamirabharani Engineering College, Tirunelveli, March 2021</div> <div>✓ Enhancement of Dielectric properties in transformer Oil National Engineering College, Kovilpatti, February 2021</div> <div>✓ Delivered guest lecture on Sharon Matriculation higher secondary school, Vilathikulam 2023</div>				


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	M.SIVAPALANIRAJAN			
2	AICTE Faculty ID	1-2292539672			
3	Designation	Assistant Professor			
4	Department	EEE			
5	Date of Joining the Institution	02/06/2014			
6	Qualifications with Specialization and Class / Grade	UG: BE-E&I - I class distinction	PG: ME-C&I - I Class	Ph.D: Pursuing	
7	Total Experience in Years	Teaching : 10 Y 9 M	Industry: 02 Y 03 M	Research: 06Y 02 M	
8	Papers Published in Journals	National: -		International: 02	
9	Papers Presented in Conferences	National: 01		International: 11	
10	PhD Guide/Give Field & University	Field	-	University	-
11	PhDs / Projects Guided	Ph.D: -	UG: 10		PG: Nil
12	Books Published / IPRs / Patents	Book Chapter Published: 02		IPR/Patents Filed/Published: 01	
13	Professional Memberships	International Association of Engineers			
14	Consultancy Activities	-			
15	Awards	-			
16	Grants Fetched with name of the agency and amount	CO-PI - Rs. 18, 90,960/- from ISRO Respond funded project in 2023-2025			
17	Interaction with Professional Institutions	-			


**NATIONAL ENGINEERING COLLEGE, K.R.NAGAR, KOVILPATTI-628503**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	<b>KUMAR.K</b>			
2	AICTE Faculty ID	1-3359363064			
3	Designation	ASSISSTANT PROFESSOR			
4	Department	ELECTRICAL AND ELECTRONICS ENGINEERING			
5	Date of Joining the Institution	15.05.2015			
6	Qualifications with Specialization and Class / Grade	UG: B.E-EEE/I	PG: M.E-HVE/I	Ph. D.: PURSUING	
7	Total Experience in Years	Teaching :9.8	Industry: -	Research:	
8	Papers Published in Journals	National:		International: 2	
9	Papers Presented in Conferences	National:		International: 16	
10	PhD Guide/Give Field & University	Field	HIGH VOLTAGE ENGINEERING	University	ANNA UNIVERSITY
11	PhDs / Projects Guided	Ph. D:	UG: 8	PG:	
12	Books Published / IPRs / Patents	Book Chapter Published:		IPR/Patents Filed/Published:	
13	Professional Memberships				
14	Consultancy Activities				
15	Awards				
16	Grants Fetched with name of the agency and amount				
17	Interaction with Professional Institutions				


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	MR. ANTONY JEFFREY VAZ F				
2	AICTE Faculty ID	1-3361197080				
3	Designation	ASSISTANT PROFESSOR				
4	Department	ELECTRICAL AND ELECTRONICS ENGINEERING				
5	Date of Joining the Institution	01/06/2016				
6	Qualifications with Specialization and Class / Grade	UG: Electrical and Electronics Engineering / 1 <sup>st</sup> Class / 76.5%		PG: Embedded System Technologies / 1 <sup>st</sup> class / 79.1%		Ph.D.: Pursuing
7	Total Experience in Years	Teaching : 8 Years and 9 Months		Industry: -		Research: -
8	Papers Published in Journals	National: -Nil-			International: -Nil-	
9	Papers Presented in Conferences	National: -Nil-			International: 07	
10	PhD Guide/Give Field & University	Field	-Nil--		University	-Nil-
11	PhDs / Projects Guided	Ph.D: -Nill-		UG: Yes		PG: No
12	Books Published / IPRs / Patents	Book Chapter Published: -Nill-			IPR/Patents Filed/Published: Yes / Published	
13	Professional Memberships	Nil--				
14	Consultancy Activities	Consultancy project completed worth of 1.06Lakhs “Automatic Irrigation System” in nearby village ‘Thonugal’				
15	Awards	Nil				
16	Grants Fetched with name of the agency and amount	4 Student Projects each worth Rs. 2,50,000 NewGen IEDC- DST India				
17	Interaction with Professional Institutions	Nil				


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**

1	Name of the Teaching Staff	K. KARTHIK KUMAR						
2	AICTE Faculty ID	1-7470663193						
3	Designation	Assistant Professor						
4	Department	Electrical and Electronics Engineering						
5	Date of Joining the Institution	10.06.2019						
6	Qualifications with Class / Grade	UG/EEE	First Class	PG/ PED	First Class with distinction	Ph.D.	Pursuing	
7	Total Experience in Years	Teaching : 05 Y 09 M		Industry:-		Research:-		
8	Papers Published	National:	-		International:	18		
9	Papers Presented in Conferences	National:	-		International:	16		
10	PhD Guide? Give Field & University	Field	-		University	-		
11	PhDs / Projects Guided	PhDs	-		Projects at Masters level	-		
12	Books Published / IPRs / Patents	-						
13	Professional Memberships	Institute of Research Engineers and Doctors, and International Association of Engineers						
14	Consultancy Activities	-						
15	Awards	-						
16	Grants Fetched	-						
17	Interaction with Professional Institutions	-						


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**


1	Name of the Teaching Staff	<b>F X EDWIN DEEPAK</b>							
2	AICTE Faculty ID	1-450196503							
3	Designation	Assistant Professor							
4	Department	Electrical and Electronics Engineering							
5	Date of Joining the Institution	05-05-2023							
6	Qualifications with Class / Grade	UG/EEE	First Class	PG/ PED	First Class with distinction	Ph.D.	Completed		
7	Total Experience in Years	Teaching : 16Y 02 M		Industry:-		Research:-			
8	Papers Published	National:	-		International:	19			
9	Papers Presented in Conferences	National:	-		International:	20			
10	PhD Guide? Give Field & University	Field	-		University	-			
11	PhDs / Projects Guided	PhDs	-		Projects at Masters level	-			
12	Books Published / IPRs / Patents	-							
13	Professional Memberships	Member in ISTE							
14	Consultancy Activities	-							
15	Awards	-							
16	Grants Fetched	-							
17	Interaction with Professional Institutions	-							


**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**


1	Name of the Teaching Staff	Mr.J.THANGARAJ				
2	AICTE Faculty ID	1-2187845773				
3	Designation	Assistant Professor				
4	Department	EEE				
5	Date of Joining the Institution	01.06.2023				
6	Qualifications with Specialization and Class / Grade	B, E-EEE/ I <sup>st</sup> Class/73%		M.E.- Power Systems Engineering/ I <sup>st</sup> Class /8.0 CGPA	Ph D – Nil	
7	Total Experience in Years	Teaching – 11 Yrs.11 months		Industry- 4 Yrs.10 Months	Research - Nil	
8	Papers Published in Journals	National -Nil		International - Nil		
9	Papers Presented in Conferences	National - Nil		International - 01		
10	PhD Guide/Give Field & University	Field	-		University	-
11	PhDs / Projects Guided	Ph. D: -		UG: 04		PG: -
12	Books Published / IPRs / Patents	Book Chapter Published: - nil			IPR/Patents Filed/Published: nil	
13	Professional Memberships	-				
14	Consultancy Activities	-				
15	Awards	-				
16	Grants Fetched with name of the agency and amount	-				
17	Interaction with Professional Institutions	-				

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**FACULTY PROFILE**


1	Name of the Teaching Staff	<b>DHANALAKSHMI C</b>			
2	AICTE Faculty ID	1-9319559381			
3	Designation	ASSISSTANT PROFESSOR			
4	Department	ELECTRICAL AND ELECTRONICS ENGINEERING			
5	Date of Joining the Institution	26.06.2023			
6	Qualifications with Specialization and Class / Grade	UG: B.E-EEE/I Class	PG: M.E-Power System/I with Distinction	Ph. D.: PURSUING	
7	Total Experience in Years	Teaching :4	Industry: -	Research:	
8	Papers Published in Journals	National:		International: 1	
9	Papers Presented in Conferences	National:		International: 1	
10	PhD Guide/Give Field & University	Field	Power System Engineering	University	ANNA UNIVERSITY
11	PhDs / Projects Guided	Ph. D:	UG: 3	PG:	
12	Books Published / IPRs / Patents	Book Chapter Published:		IPR/Patents Filed/Published:	
13	Professional Memberships	-			
14	Consultancy Activities	-			
15	Awards	-			
16	Grants Fetched with name of the agency and amount	-			
17	Interaction with Professional Institutions	-			


Name of the Teaching Staff	Dr. K.G. Srinivasagan		
Date of Birth & Age	10.07.1967 & 57		
AICTE Faculty ID	1-455253449		
Anna University ID	9576184		
Designation	Professor		
Date of Joining the Institution	19.06.1998		
College mail id	<a href="mailto:kgs@nec.edu.in">kgs@nec.edu.in</a>		
Qualification with Class / Grade	UG- B.E / First Class	PG- M.E / First Class	Ph D - ICE
Total Experience in Years	Teaching – 34 Y 9 M	Industry - Nil	Research -
Area of Specialization	Image Processing & Data Mining		
Papers Published in Journals	National - 1	International -28	
Papers Presented in Conferences	National - 23	International - 23	
PhD Guide / Give field & University	Image Processing	Anna University, Chennai. MS University, Tirunelveli.	
PhDs / Projects Guided	Ph.Ds - 8	Projects at Masters Level - 50	
IPRs/ Patents	A System for Detecting Zero – day and Spear Phishing Attack, and Method of Working of Thereof		
Books Published	Arifillicial Intelligence Solutions for Cyber physical System		
Professional Memberships	ISTE,CSI,IE(I)		
Consultancy Activities	BS Teknology Pvt. Ltd., Madurai		
Awards			
Grants fetched			
Interaction with Professional Institutions	<div><input type="checkbox"/> BOS member</div> <div><input type="checkbox"/> DC member</div> <div><input type="checkbox"/> Delivered more Guest Lectures and acted as session chair.</div>		


Name of the Teaching Staff	Dr. R. MUTHUKKUMAR		
Date of Birth & Age	01.06.1983 & 41		
AICTE Faculty ID	1-455253393		
Anna University ID	9576079		
Designation	Professor		
Date of Joining the Institution	01.06.2006		
College mail id	muthukumar@nec.edu.in		
Qualification with Class / Grade	UG- B.Tech. FC	PG- M.E. FWD	Ph D -ICE
Total Experience in Years	Teaching – 18 Y 9 M	Industry - Nil	Research – 8 Y 2 M
Area of Specialization	Networking, IoT, Cyber Security, Brain Signal Processing		
Papers Published in Journals	National - Nil	International - 13	
Papers Presented in Conferences	National - 06	International - 15	
PhD Guide / Give field & University	PhD Guide	Anna University, Chennai (Ref.No. 3340019) Cognitive Radio, Wireless Networks,Cyber Security	
PhDs / Projects Guided	Ph.Ds - 4	Projects at Masters Level - 05	
IPRs/ Patents	1. Open Source Internet of TangibleThings Based Smart Device ForChildren With Hearing Loss UsingWi-Fi Communication (Application No. 202041053003, published on 11.12.2020)		
Books Published	-		
Professional Memberships	IEEE, ISTE		
Consultancy Activities	-		
Awards	Infosys-Inspire Faculty Excellence Awards		
Grants fetched	Rs. 2,50,000/- ( DST- NSTEDB - NewGen IEDC scheme Funded Project during 2021-2022) Rs.4,75,000/- (Funded Workshops/Seminars from Anna University, Cisco Systems, BRNS, and AICTE)		
Interaction with Professional Institutions	<ul style="list-style-type: none"><li>Acted as a resource person - CSIR sponsored national level seminar on “Smart manufacturing using statistical process monitoring as a Big Data Analytics tool” on 14.10.2022.</li><li>Acted as a resource person –“Examination &amp; EvaluationProcesses in AutonomousInstitutions” to Government College of Engineering, Tirunelveli on 17.10.2024.</li></ul>		


Name of the Teaching Staff	Dr. S. Chidambaram		
Date of Birth & Age	01.06.1984 & 40		
AICTE Faculty ID	1-455253409		
Anna University ID	9576123		
Designation	Associate Professor		
Date of Joining the Institution	01.06.2009		
College mail id	chidambaram@nec.edu.in		
Qualification with Class / Grade	UG- B.Tech (IT) First Class with Distinction	PG- M.E (CSE) First Class with Distinction	Ph D - ICE
Total Experience in Years	Teaching – 17.8	Industry -Nil	Research - NIL
Area of Specialization	Data Analytics and Machine Learning		
Papers Published in Journals	National - Nil	International - 17	
Papers Presented in Conferences	National- 13	International - 29	
PhD Guide / Give field & University	Ph.D Supervisor	Anna University Chennai, ( Ref.No. 4240033) Big Data Analytics, Machine Learning, Distributed Computing and Optimization Techniques	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - 12	
IPRs/ Patents	01 “Rapid transaction technique using flexible blockchain configuration in Industrial IoT networks”, Application No.: 202141008443 A under Intellectual Property Rights of India, Published on 05/03/2021.		
Books Published	Nil		
Professional Memberships	ISTE, IE(I) Life Member		
Consultancy Activities	Signed MoU with industry “Zeros and Ones Technology”, Tirunelveli to involve in product development activities		
Awards	Nil		
Grants fetched	Rs. 2,50,000/- ( DST- NSTEDB - NewGen IEDC scheme Funded Project during 2021-2022) Rs.1,05,000/- (Funded Workshops/Seminars from Anna University, Cisco Systems and IEEE & IEEE Computer Society)		
Interaction with Professional Institutions	1. Acted as resource person for the seminar on “Mobile Communication and Pervasive computing” at Francis Xavier Engg. College, Tirunelveli, on 15.08.2015. 2. Acted as resource person for the seminar on “Recent		


	<p><b>Trends in Mobile Communication and Wireless Sensor Networks”</b> at G.U Pope College of Engineering, Thoothukudi, on 22.10.2015.</p> <p>3. Acted as an <b>expert member</b> for the Academic Audit conducted by IT Department, St.Xavier’s Catholic College of Engineering, Nagarcoil on 14.10.2023.</p> <p>4. Delivered Guest Lecturer in the topic of <b>“Text Sentimental Analysis”</b> for the Six days FDP on “Recent Trends in Information and Communication Engineering” organized by CSE Dept, St.Mother Theresa Engineering College, Thoothukudi on 07-11-2023.</p> <p>5. Acted as resource person for the ATAL Sponsored FDP on <b>“Advanced Data Analytics with Machine Learning”</b> organized by CSE Dept, J.P College of Arts and Science, Tenkasi on 19-02-2025.</p>
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Name of the Teaching Staff	Dr. V. MANIMARAN		
Date of Birth & Age	08.09.1983 & 41		
AICTE Faculty ID	1-455253425		
Anna University ID	9576178		
Designation	Associate Professor		
Date of Joining the Institution	02.06.2010		
College mail id	marait@nec.edu.in		
Qualification with Class / Grade	UG- B.Tech / 73%	PG- M.E / 75%	Ph D - ICE
Total Experience in Years	Teaching –19 Years	Industry -Nil	Research - Nil
Area of Specialization	Image Processing		
Papers Published in Journals	National - 5	International - 6	
Papers Presented in Conferences	National - 12	International - 12	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	ISTE		
Consultancy Activities	1.Online Assesment Tool- Startgei Solutions,Chennai 2.Web Development-BS Teknology Pvt. Ltd, Madurai 3. Mobile Application-Srimuthumari Egg Traders,Kovilpatti		
Awards			
Grants fetched	-		
Interaction with Professional Institutions	Delivered more Guest Lectures in various reputed institutions		


Name of the Teaching Staff	Dr. S. Rajagopal		
Date of Birth & Age	01.12.1985 & 39		
AICTE Faculty ID	1-455253413		
Anna University ID	9576139		
Designation	Assistant Professor (Senior Grade)		
Date of Joining the Institution	03.06.2009		
College mail id	rajatagert@nec.edu.in		
Qualification with Class / Grade	B.E – ECE & First Class	M.E – CC & First Class	Ph D - ICE
Total Experience in Years	Teaching – 15 Y 8 M	Industry -Nil	Research -
Area of Specialization	Image and Video Processing		
Papers Published in Journals	National -	International -12	
Papers Presented in Conferences	National - 5	International - 14	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level - 5	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	Mou Signed with 3 companies (Coderzbot , ShanAI & HBS		
Awards	-		
Grants fetched	Development of Hotel ERP - An Web application system for Hotel Management with major modules including Dashboard, CRM, Front Office, Travel Desk, Housekeeping and Kitchen Management 10.07.2023 to 07.12.2023 and generated Rs.30,000 for our college on 14.12.2023.		
Interaction with Professional Institutions	-		


Name of the Teaching Staff	Ms. V. ANITHA		
Date of Birth & Age	12.07.1990 & 34		
AICTE Faculty ID	1-2187773781		
Anna University ID	9576163		
Designation	ASSISTANT PROFESSOR (SENIOR GRADE)		
Date of Joining the Institution	07.05.2013		
College mail id	anithait@nec.edu.in		
Qualification with Class / Grade	UG- B.TECH – 82%	PG- M.E-9.03 CGPA	Ph D – Pursuing
Total Experience in Years	Teaching – 11YEARS	Industry -Nil	Research - Pursuing
Area of Specialization	Remote Sensing, Image Processing, Data Analytics		
Papers Published in Journals	National - 0	International - 16	
Papers Presented in Conferences	National - 05	International - 20	
PhD Guide / Give field & University	No Guideship	Remote Sensing- Image Processing: Anna University	
PhDs / Projects Guided	Ph.Ds -Nil	Projects at Masters Level – Nil	
IPRs/ Patents	NewGen – IEDC Patent - An Apparatus For Location Tracking And Monitoring The Occupancy Status Of A Public Commuting Vehicle - Granted, Application Number : 202241002945 - Rs, 2,50,000, Year : 2019-2020		
Books Published	Nil		
Professional Memberships			
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	Mrs. N. GOWTHAMI		
Date of Birth & Age	21.01.1989 & 36		
AICTE Faculty ID	1-2187772994		
Anna University ID	9517119		
Designation	Assistant Professor		
Date of Joining the Institution	03.06.2013		
College mail id	gowthamiit@nec.edu.in		
Qualification with Class / Grade	UG- First Class	PG- M.E – First Class	Ph D -.
Total Experience in Years	Teaching 11.10	Industry - Nil	Research -
Area of Specialization	Network Security		
Papers Published in Journals	National - 06	International - 02	
Papers Presented in Conferences	National - 04	International - 13	
PhD Guide / Give field & University	-	Ph.D (Pursuing)	
PhDs / Projects Guided	Ph.Ds - NIL	Projects at Masters Level - 01	
IPRs/ Patents	An Apparatus for Location Tracking and Monitoring the Occupancy Status of a Public Commuting Vehicle		
Books Published	Nil		
Professional Memberships	ISTE		
Consultancy Activities	Acted as a resource person on “Fundamental Programming for Industrial 4.0” organized by CSR Scheme in association with Bharathidasan University Trichy		
Awards	NPTEL Discipline Star		
Grants fetched	NEC – NewGen – IEDC (Rs.2,50,000)		
Interaction with Professional Institutions	CSR Scheme in association with Bharathidasan University Trichy – Expert Lecture Delivered on Fundamental Programming for Industrial 4.0 at Venue: VOC College of Arts and Science  Expert lecture delivered on “Advanced Python Concepts” at Lady Doak College, Madurai on 03.04.2024.		


Name of the Teaching Staff	Mrs. M. MANIMEGALAI		
Date of Birth & Age	11.03.1990 & 35		
AICTE Faculty ID	19315180766		
Anna University ID	9576322		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	12.03.2021		
College mail id	Manimegalai_it@nec.edu.in		
Qualification with Class / Grade	UG- B.E/ First class with Dist	PG- M.E / First class with Dist	Ph D - Pursuing
Total Experience in Years	Teaching – 9 Y 6M	Industry -Nil	Research - Pursuing
Area of Specialization	IoT , Cyber Security		
Papers Published in Journals	National - Nil	International - 6	
Papers Presented in Conferences	National - Nil	International - 13	
PhD Guide / Give field & University	Dr. K.Sebasthirani Associate Professor, EEE Dept, Sri Ramakrishna Engineering College, Coimbatore		Power Qulaity/Anna University
PhDs / Projects Guided	Ph.Ds– Nil	Projects at Masters Level – Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	Mrs. S. SANTHI		
Date of Birth & Age	28.05.1988 & 35		
AICTE Faculty ID	1-10981643840		
Anna University ID	9576332		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	04.08.2021		
College mail id	santhi_it@nec.edu.in		
Qualification with Class / Grade	UG- B.E., (CSE) – First Class	PG- M.E., (CSE) – First Class	Ph D – Pursuing
Total Experience in Years	Teaching – 9 Y 1 M	Industry -Nil	Research - NA
Area of Specialization	Data Analytics, Computer Vision		
Papers Published in Journals	National – 0	International – 10	
Papers Presented in Conferences	National – 0	International – 16	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds– Nil	Projects at Masters Level – Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

Name of the Teaching Staff	Mrs. R. SUGUNA		
Date of Birth & Age	04.01.1988 & 35		
AICTE Faculty ID	1-11318980538		
Anna University ID	9576321		
Designation	Assistant Professor		
Date of Joining the Institution	09.01.2023		
College mail id	suguna-it@nec.edu.in		
Qualification with Class / Grade	UG- B.E	PG- M.E	Ph D -
Total Experience in Years	Teaching – 3Y 8M	Industry -Nil	Research - Pursuing
Area of Specialization	Remote Sensing		
Papers Published in Journals	National - Nil	International - 2	
Papers Presented in Conferences	National - Nil	International - 3	
PhD Guide / Give field & University	Dr.S.Kalaiselvi,Asso. Prof/CSE – Remote Sensing	Anna University	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Signed MOU with Agility Delivered Pvt Ltd.		
Awards	Got 2 <sup>nd</sup> Prize in Faculty Hackathon at KPRIET.		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	Mrs. M. MALATHI		
Date of Birth & Age	14.03.1991 & 34 Years		
AICTE Faculty ID	1-43527289022		
Anna University ID	9576328		
Designation	Assistant Professor		
Date of Joining the Institution	10.05.2023		
College mail id	malathi-it@nec.edu.in		
Qualification with Class / Grade	UG-B.Tech First Class /75%	PG- M.E-First Class/79%	Ph D -.NIL
Total Experience in Years	Teaching – 4Years	Industry -Nil	Research -
Area of Specialization	Image Processing		
Papers Published in Journals	National - 0	International -3	
Papers Presented in Conferences	National -	International - 3	
PhD Guide / Give field & University	NIL	NIL	
PhDs / Projects Guided	Ph.Ds -NIL	Projects at Masters Level -NIL	
IPRs/ Patents	NIL		
Books Published	NIL		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		


<b>Name of the Teaching Staff</b>	<b>Mrs. C. AJITHA</b>		
<b>Date of Birth &amp; Age</b>	27/04/1989		
<b>AICTE Faculty ID</b>	280201		
<b>Anna University ID</b>	9533256		
<b>Designation</b>	AP/IT		
<b>Date of Joining the Institution</b>	13/06/2024		
<b>College mail id</b>	ajithait@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-FIRST	PG- M.E - FIRST	Ph D - NILL
<b>Total Experience in Years</b>	Teaching – 1year 9month	Industry -Nil	Research -NILL
<b>Area of Specialization</b>	Data Mining		
<b>Papers Published in Journals</b>	National -NILL	International -NILL	
<b>Papers Presented in Conferences</b>	National -2	International -2	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds -NILL	Projects at Masters Level -NILL	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


<b>Name of the Teaching Staff</b>	<b>Mrs. H. UMMU SABURA</b>		
<b>Date of Birth &amp; Age</b>	05.03.1994 & 31		
<b>AICTE Faculty ID</b>	143371021141		
<b>Anna University ID</b>	9518240		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	01.07.2024		
<b>College mail id</b>	saburait@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.E – First Class (7.78)	PG- M.E – First Class (8.12)	Ph D – Pursuing
<b>Total Experience in Years</b>	Teaching – 2 Years & 7 Months	Industry -Nil	Research -
<b>Area of Specialization</b>	Network Security		
<b>Papers Published in Journals</b>	National -	International -	
<b>Papers Presented in Conferences</b>	National -3	International - 2	
<b>PhD Guide / Give field &amp; University</b>	Dr. S. Sabena, Asst. Prof (Sr. Gr.), Dept. of CSE, Anna University Regional Campus Tirunelveli		Software Defined Wireless Sensor Network
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


<b>Name of the Teaching Staff</b>	<b>Mrs. M. AKILA</b>		
<b>Date of Birth &amp; Age</b>	30/03/1989		
<b>AICTE Faculty ID</b>	1-43741373038		
<b>Anna University ID</b>	9533269		
<b>Designation</b>	AP		
<b>Date of Joining the Institution</b>	3/8/2024		
<b>College mail id</b>	akilait@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.Tech / 74%	PG- M.E / 82%	Ph D - Nil
<b>Total Experience in Years</b>	Teaching -1.5 years	Industry -Nil	Research -
<b>Area of Specialization</b>	Data science		
<b>Papers Published in Journals</b>	National -	International -2	
<b>Papers Presented in Conferences</b>	National -	International -1	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


Name of the Teaching Staff	Dr S IYAHRAJA		
Date of Birth & Age	19.01.1975& 50		
AICTE Faculty ID	1-455141905		
Anna University ID	9576001		
Designation	PROFESSOR and HEAD		
Department	MECHANICAL ENGINEERING		
Date of Joining the Institution	25.08.1999		
College Email ID	sirmech@nec.edu.in		
Qualification with Class / Grade	UG- B.E. Mech. (First Class)	PG- M.Tech. Thermal Engineering	Ph D. in Heat Transfer
Total Experience in Years	Teaching – 26 Years	Industry - 1.5 Years	Research - 15 Years
Papers Published in Journals	National -	International - 10	
Papers Presented in Conferences	National - 5	International - 5	
PhD Guide / Give field & University	AU Research Supervisor	Thermal Engineering	
PhDs / Projects Guided	Ph.Ds - Guiding 1 Scholar	Projects at Masters Level – 3 Projects at Bachelors Level - 15	
Books Published / IPRs/ Patents	Published 1 Patent		
Professional Memberships	Membership in ISTE, IE(I)		
Consultancy Activities	-		
Awards	-		
Grants fetched	Rs. 3.5 lakhs from AICTE for ATAL FDP on “Green technology”		
Interaction with Professional Institutions	1. BEE Certified Energy Auditor 2. Delivered Expert Lectures on various topics of Mechanical Engineering in different Institutions 3. Translated NPTEL Courses in Tamil (Engineering Metrology, Engineering Mechanics) 4. Reviewer for the translated version of AICTE Book titled “Basics of Thermodynamics” in Tamil		


Name of the Teaching Staff	Dr.K. Manisekar		
Date of Birth & Age	15.06.1964&60		
AICTE Faculty ID	1-455141977		
Anna University ID	9576103		
Designation	Professor and Dean (I&E)		
Department	Mechanical Engineering		
Date of Joining the Institution	23-10-1992		
College Email ID			
Qualification with Class / Grade	UG-B.Tech, Production Engineering	PG-M.E,Engineering Design	Ph D - Mechanical (Metal Forming)
Total Experience in Years	Teaching –34	Industry -1.75	Research -24
Papers Published in Journals	National -Nil	International -72	
Papers Presented in Conferences	National -7	International -21	
PhD Guide / Give field & University	Dr.Narayanasamy, Professor, NIT Trichy	Metal Forming &ManonmaniamSundaranar University, Tirunelveli	
PhDs / Projects Guided	Ph.Ds - 11	Projects at Masters Level -25	
Books Published / IPRs/ Patents	Patents-2 A Candy Making Machine An Apparatus for Synthesising Activated Carbon		
Professional Memberships	1. ISTE-LM 2. Society for Manufacturing Engineers 3. Institution of Engineers 4. Society for Failure analysis		
Consultancy Activities	-		
Awards	-		
Grants fetched	1. The project titled "Design and Development of Large Diameter Bearings for FBR" has received a funding of ₹21,70,000 from the Board of Nuclear Sciences (BRNS), 2022. 2. StartTN Scaleup Grant – ₹5 Lakh Funding 3. DST-iTBI - ₹4.97 Crore Funding		
Interaction with Professional Institutions	-		


Name of the Teaching Staff	D. Venkatkumar		
Date of Birth & Age	27.05.1978 &46		
AICTE Faculty ID	1-455141917		
Anna University ID	9576199		
Designation	Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	06.06.2005		
College Mail ID	dvkmech@nec.edu.in		
Qualification with Class / Grade	B.E - MECH ( I class)	M.E - I class - CAD/CAM	Ph. D (Completed) - Welding
Total Experience in Years	Teaching –21	Industry -Nil	
Papers Published in Journals	National -	International -7	
Papers Presented in Conferences	National -2	International -4	
PhD Guide / Give field & University	Yes	Anna University - Welding Simulation	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
Books Published / IPRs/ Patents	-		
Professional Memberships	ISTE - LM37201, IEI -M-152413-5		
Consultancy Activities	M/s Stradegi Solutions Ltd., Chennai - Providing facility for conducting online test for conducting campus recruitment Process		
Awards	-		
Grants fetched			
Interaction with Professional Institutions	-		


Name of the Teaching Staff:	Dr.R.Harichandran		
Date of Birth & Age	6/10/1984&40		
AICTE Faculty ID:	1-455141929		
Anna University ID	9576172		
Designation: Professor			
Department: Mechanical Engineering			
Date of Joining the Institution:	09.07.2007		
College Email ID	harichandra@nec.edu.in		
Qualification with Class / Grade	UG-MECH (First)	PG- M.E- Computer Aided Design (First Class with Distinction )	Ph D - .Nanocomposites
Total Experience in Years	Teaching –15 Years 8 Months	Industry - Nil	Research -
Papers Published in Journals	National -	International - 17	
Papers Presented in Conferences	National -02	International -03	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds -03	Projects at Masters Level -	
Books Published / IPRs/ Patents	-		
Professional Memberships	IE(I)- M-152412-1		
Consultancy Activities	-		
Awards	-		
Grants fetched	<div>1. DST-SERB sponsored National Level Seminar on Challenges in Materials for Energy Conversion, Storage and Enhancement Applications -Rs.50,000/-</div> <div>2. DST-SERB sponsored National Level Seminar on Advances and Challenges in additive manufacturing of nanostructured Materials -Rs.1,00,000</div> <div>3. CO-PI- in DST-SERB sponsored project titled on Investigation on crashworthiness characteristics of bioinspired thin-walled conical tubular members- Rs. 38,76,550/-</div>		
Interaction with Professional Institutions	<div>1. Skill Development Program-Bharathiyar University-</div>		


Name of the Teaching Staff	Dr M.KATHIRESAN		
Date of Birth & Age	11.05.1977&47		
AICTE Faculty ID	1-455141921		
Anna University ID	9576273		
Designation	Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	1-6-2005		
College Email ID	mkmech@nec.edu.in		
Qualification with Class / Grade	UG- B.E (MECH)	PG- M.E (CAD/CAM)	Ph D – Mechanical (Composites)
Total Experience in Years	Teaching –21	Industry -1	Research 8-
Papers Published in Journals	National -1	International -14	
Papers Presented in Conferences	National -3	International - 0	
PhD Guide / Give field & University		-	
PhDs / Projects Guided	Ph.Ds -1	Projects at Masters Level -8	
Books Published / IPRs/ Patents	3		
Professional Memberships	IE		
Consultancy Activities	-		
Awards	-		
Grants fetched	38,76,550- DST - SERB (Ongoing)		
Interaction with Professional Institutions			


Name of the Teaching Staff	Dr. Ramanan P		
Date of Birth & Age	07.10.1975&49		
AICTE Faculty ID	1-455253001		
Anna University ID	9576121		
Designation	AP(SG)		
Department	Mechanical Engineering		
Date of Joining the Institution	06.06.2008		
College Email ID	<a href="mailto:ramanan_ces@nec.edu">ramanan_ces@nec.edu</a>		
Qualification with Class / Grade	UG-B.E MECH	PG- M.E CAD/CAM	Ph D - Mechanical (Solar Photovoltaics)
Total Experience in Years	Teaching – 23Yrs	Industry -Nil	Research -10
Papers Published in Journals	National - 0	International - 9	
Papers Presented in Conferences	National - 2	International - 3	
PhD Guide / Give field & University	Yes	Solar PV - Anna University, Chennai	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - 5	
Books Published / IPRs/ Patents	Patent – Granted-1, Published-2		
Professional Memberships	ISTE - LM 61612, IE(I) - M-152411-3		
Consultancy Activities	-		
Awards	-		
Grants fetched	MNRE Seminar Grant - Rs.3,51,000/-		
Interaction with Professional Institutions	-		


Name of the Teaching Staff	Dr.D.Vignesh Kumar		
Date of Birth & Age	13.06.1982&42		
AICTE Faculty ID	1-455141949		
Anna University ID	9576027		
Designation	Associate Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	05.06.2009		
College Email ID	vickynesh@nec.edu.in		
Qualification with Class / Grade	UG- MECH (I Class)	PG- M.E Manufacturing Engineering ( I Class with Distinction)	Ph D -.Mechanical Engineering
Total Experience in Years	Teaching –17.8	Industry -01	Research -06
Papers Published in Journals	National -	International -14	
Papers Presented in Conferences	National -	International -3	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds - 0	Projects at Masters Level -01	
Books Published / IPRs/ Patents	1 Patent Filed 2 Patents Granted		
Professional Memberships	SAE, JME, IE		
Consultancy Activities	02		
Awards	-		
Grants fetched	2,00,000 from EDII Tamilnadu 7,50,000 from New Gen IEDC Sponsored by DST		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	Dr.F. Michael Thomas Rex		
Date of Birth & Age	03.07.1985&39		
AICTE Faculty ID	1-455141957		
Anna University ID	9576173		
Designation	Associate Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	14-06-2010		
College Email ID	michelrex@nec.edu.in		
Qualification with Class / Grade	UG- MECH (I Class )	PG- M.E- Engineering Design (Distinction)	Ph D - Mechanical
Total Experience in Years	Teaching –15	Industry -01	Research -10
Papers Published in Journals	National -	International -18	
Papers Presented in Conferences	National -3	International -6	
PhD Guide / Give field & University	Fixture design, Condition monitoring, Artificial intelligence	Anna University	
PhDs / Projects Guided	Ph.Ds -1	Projects at Masters Level -1	
Books Published / IPRs/ Patents	1		
Professional Memberships	IE(I), SME		
Consultancy Activities	2		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	Dr.I.Sankar		
Date of Birth & Age	22.02.1985&40		
AICTE Faculty ID	1-455141941		
Anna University ID	9576193		
Designation	Associate Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	04-07-2008		
College Email ID	sankarmech@nec.edu.in		
Qualification with Class / Grade	UG-B.E	PG- M.E (Manufacturing)	Ph D - .Mechanical (Composites)
Total Experience in Years	Teaching –16	Industry -Nil	Research -
Papers Published in Journals	National -1	International - 12	
Papers Presented in Conferences	National -	International - 4	
PhD Guide / Give field & University	Yes	Composite Materials	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
Books Published / IPRs/ Patents	-		
Professional Memberships	Lifetime Member of Indian Society for Technical Education (ISTE) Lifetime Member of The Institution of Engineers IE (India)		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		


Name of the Teaching Staff	THOUFIQ MOHAMMED K		
Date of Birth & Age	19.09.1990&34		
AICTE Faculty ID	1-4405396908		
Anna University ID	9576317		
Designation	Assistant Professor (S.G)		
Department	Mechanical Engineering		
Date of Joining the Institution	21.05.2018		
College Email ID	ktmmech@nec.edu.in		
Qualification with Class / Grade	UG-MECHANICAL	PG- M.E ENGINEERING DESIGN	Ph D - Mechanical
Total Experience in Years	Teaching – 10	Industry -Nil	Research - Nil
Papers Published in Journals	National - 0	International - 10	
Papers Presented in Conferences	National - 2	International - 02	
PhD Guide / Give field & University			
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
Books Published / IPRs/ Patents	-		
Professional Memberships			
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

Name of the Teaching Staff	C.Veeraajay		
Date of Birth	16.04.1994&30		
AICTE Faculty ID	14182267156		
Anna University ID	9576334		
Designation	Assistant Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	03.06.2019		
College Email ID	veeraajaymech@nec.edu.in		
Qualification with Class / Grade	UG- MECH (I/8.1)	PG- M.E - Manufacturing Engineering (I/8.5)	Ph D -.Metal Matrix Composites (Pursuing)
Total Experience in Years	Teaching –5.5	Industry -Nil	Research - Nil
Papers Published in Journals	National -0	International -32	
Papers Presented in Conferences	National -04	International -14	
PhD Guide / Give field & University	Dr.K.Manisekar	Metal Matrix Composites & Anna University	
PhDs / Projects Guided	Ph.Ds -Nil	Projects at Masters Level -Nil	
Books Published / IPRs/ Patents	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		


Name of the Teaching Staff	N. MUTHU SARAVANAN		
Date of Birth & Age	09/02/1993 & 31		
AICTE Faculty ID	1-4403236245		
Anna University ID	304472		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	18.06.2018		
College mail id	<a href="mailto:saravananmech@nec.edu.in">saravananmech@nec.edu.in</a>		
Qualification with Class / Grade	UG – B.E MECHANICAL ENGINEERING FIRST CLASS WITH DISTINCTION	PG - M.ETHERMAL ENGINEERING FIRST CLASS WITH DISTINCTION	Ph. D -Pursuing
Total Experience in Years	Teaching 6 Years in NEC 6 months in AURCT	Industry -Nil	Research -
Area of Specialization	Thermal		
Papers Published in Journals	National - 0	International -4	
Papers Presented in Conferences	National -	International - 3	
PhD Guide / Give field & University	Dr.S.Iyahraja	Heat Transfer & Anna University, Chennai	
PhDs / Projects Guided	Ph.Ds -Nil	Projects at Masters Level - Nil	
IPRs/ Patents			
Books Published	1		
Professional Memberships			
Consultancy Activities			
Awards	BEST PAPER Award		
Grants fetched	TNSCST Project - Rs. 7500/- ISHRAE STUDENTS CHAPTER SRPG – UG Rs. 50,000/-		
Interaction with Professional Institutions			

<b>Name of the Teaching Staff</b>	M.RAJESWARI		
<b>Date of Birth &amp; Age</b>	22/01/1990 & 35		
<b>AICTE Faculty ID</b>	1-444716106889		
<b>Anna University ID</b>	304654		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	9/10/2024		
<b>College mail id</b>	rajeswarimech@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-7.5 first class	PG- M.E- 8.5 first class with distinction	Ph D -.
<b>Total Experience in Years</b>	Teaching –	Industry – 3 years 10 months	Research -
<b>Area of Specialization</b>			
<b>Papers Published in Journals</b>	National -	International -	
<b>Papers Presented in Conferences</b>	National -	International -	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>			
<b>Books Published</b>			
<b>Professional Memberships</b>			
<b>Consultancy Activities</b>			
<b>Awards</b>			
<b>Grants fetched</b>			
<b>Interaction with Professional Institutions</b>			


## DEPARTMENT OF

<b>Name of the Teaching Staff</b>	Dr. S. Thalamuthu		
<b>Date of Birth &amp; Age</b>	13.05.1983& 42		
<b>AICTE Faculty ID</b>	1-455991029		
<b>Anna University ID</b>	298916		
<b>Designation</b>	Associate Professor		
<b>Date of Joining the Institution</b>	13.05.2010		
<b>College mail id</b>	Stmphd2010@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-	PG- M.E	Ph D -.
<b>Total Experience in Years</b>	Teaching –	Industry - Nil	Research -
<b>Area of Specialization</b>			
<b>Papers Published in Journals</b>	National -	International - 12	
<b>Papers Presented in Conferences</b>	National - 6	International - 2	
<b>PhD Guide / Give field &amp; University</b>	Bio- Inorganic Chemistry	Anna University	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level - 1	
<b>IPRs/ Patents</b>	--		
<b>Books Published</b>	--		
<b>Professional Memberships</b>	--		
<b>Consultancy Activities</b>	--		
<b>Awards</b>			
<b>Grants fetched</b>	Rs.9,23,000 (DST-SERB)		
<b>Interaction with Professional Institutions</b>	--		


# DEPARTMENT OF SCIENCE AND HUMANITIES


Name of the Teaching Staff	Dr.S. CHITHIRAIKUMAR		
Date of Birth & Age	08.02.1982 & 43		
AICTE Faculty ID	1-2188048913		
Anna University ID	9576080		
Designation	Assistant Professor(SG) / Chemistry		
Date of Joining the Institution	07.06.2012		
College mail id	chithiraikumar.sh@nec.edu.in		
Qualification with Class / Grade	B.Sc., First/ 86%	M.Sc., First / 66.8%	Ph D -.Highly Commented
Total Experience in Years	Teaching – 16 years	Industry - Nil	Research – 2 years
Area of Specialization	Bioinorganic Chemistry		
Papers Published in Journals	National -	International -03	
Papers Presented in Conferences	National - 2	International -1	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - 2	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	University Rank Holder (7 <sup>th</sup> ) -PG		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

# DEPARTMENT OF SCIENCE AND HUMANITIES

Name of the Teaching Staff	DR. B. ANNARAJ		
Date of Birth & Age	07.05.1987		
AICTE Faculty ID	1-4532278056		
Anna University ID	9576365		
Designation	ASSISTANT PROFESSOR (SENIOR GRADE)		
Date of Joining the Institution	03.09.2018		
College mail id	annaraj.sh@nec.edu.in		
Qualification with Class / Grade	UG- B.Sc/FIRST/70.69	PG- M.Sc/FIRST/70.30	Ph D -completed
Total Experience in Years	Teaching – 6.5Y	Industry -Nil	Research – 2.5 Year
Area of Specialization	Inorganic chemistry/ Bioinorganic chemistry		
Papers Published in Journals	National - NIL	International - 13	
Papers Presented in Conferences	National - 4	International - 2	
PhD Guide / Give field & University	--	--	
PhDs / Projects Guided	Ph.Ds - NIL	Projects at Masters Level - NIL	
IPRs/ Patents	1 (Indian Patent Granted: 431040)		
Books Published	--		
Professional Memberships	--		
Consultancy Activities	--		
Awards	--		
Grants fetched	--		
Interaction with Professional Institutions	--		

# DEPARTMENT OF SCIENCE AND HUMANITIES


<b>Name of the Teaching Staff</b>	<b>Dr. E. Ramachandran</b>		
<b>Date of Birth &amp; Age</b>	02.05.1984 & 40		
<b>AICTE Faculty ID</b>	1-3587424448		
<b>Anna University ID</b>	9576283		
<b>Designation</b>	Assistant Professor(SG) / Chemistry		
<b>Date of Joining the Institution</b>	20.11.2017		
<b>College mail id</b>	ramachandran_sh@nec.edu.in		
<b>Qualification with Class / Grade</b>	B.Sc., First/ 68.36%	M.Sc., Second / 65.46%	Ph D -.Highly Commented
<b>Total Experience in Years</b>	Teaching – 7.3 years	Industry - Nil	Research – 2 years
<b>Area of Specialization</b>	Organometallic Bioinorganic Chemistry		
<b>Papers Published in Journals</b>	National -	International -17	
<b>Papers Presented in Conferences</b>	National - 2	International -5	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds - Nil	Projects at Masters Level - Nil	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	<ul style="list-style-type: none"> <li>• Marie Curie Piscopia Postdoctoral Fellowship</li> <li>• National pre doctoral Senior Research Fellowship, CSIR, New Delhi, India (2012 -2013)</li> <li>• National pre doctoral Junior Research Fellowship (2009-2011) and Senior Research Fellowship (2011-2012) under Research Fellowship in Science for Meritorious Student (RFSMS) UGC, New Delhi, India</li> </ul>		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		

Name of the Teaching Staff	B.Rajkumar		
Date of Birth & Age	15-06-1964 & 60 Years		
AICTE Faculty ID	1-7378449401		
Anna University ID	294318		
Designation	Assistant Professor		
Date of Joining the Institution	09-12-2022		
College mail id	rajkumar-sh@nec.edu.in		
Qualification with Class / Grade	UG - B.Sc. First/ 75.94 %	PG - M.Sc.- 2 <sup>nd</sup> / 64.87 %	Ph D - Nil
Total Experience in Years	Teaching – 17 Years	Industry – 3 Years	Research - Nil
Area of Specialization	Polymer Chemistry		
Papers Published in Journals	National - Nil	International - 2	
Papers Presented in Conferences	National - 1	International - Nil	
PhD Guided / Give field & University	Nil	Nil	
PhDs /Projects Guided	Ph.D - Nil	Projects at Masters Level - Nil	
IPRs/Patents	Nil		
Books Published	Nil		
Professional Memberships	ISTE Life Member		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with	Nil		


<b>Professional Institutions</b>	
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**DEPARTMENT OF SCIENCE & HUMANITIES**


# DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	Thamba.J		
<b>Date of Birth &amp; Age</b>	26.03.1990 & 34		
<b>AICTE Faculty ID</b>	1-435394955		
<b>Anna University ID</b>	294168		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	03.06.20213		
<b>College mail id</b>	<a href="mailto:Thamba.sh@nec.edu.in">Thamba.sh@nec.edu.in</a>		
<b>Qualification with Class / Grade</b>	UG- B.Sc.,/First	PG- M.Sc.,MPhil /First	Ph D - Pursuing.
<b>Total Experience in Years</b>	Teaching – 11	Industry -Nil	Research - 1
<b>Area of Specialization</b>	Computational Chemistry		
<b>Papers Published in Journals</b>	National - 1	International -	
<b>Papers Presented in Conferences</b>	National - 1	International -	
<b>PhD Guide / Give field &amp; University</b>	Dr.M.A.Neelakantan, Professor and Head Department of Science and Humanities National Engineering College, Kovilpatti		Bio Inorganic Chemistry, Anna University, Chennai.
<b>PhDs / Projects Guided</b>	Ph.Ds –Nil		Projects at Masters Level - Nil
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	1. Best NSS programme Officer Award at University level by Anna University, Chennai in 2021.		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


# DEPARTMENT OF SCIENCE AND HUMANITIES

Name of the Teaching Staff	Dr.A.Nichelson		
Date of Birth & Age	01.06.1985		
AICTE Faculty ID	1-4570154551		
Anna University ID	297632		
Designation	Assistant Professor		
Date of Joining the Institution	02.07.2018		
College mail id	nichelson.sh@nec.edu.in		
Qualification with Class / Grade	UG-	PG- M.E	Ph D -.
Total Experience in Years	Teaching – 15Y 5M	Industry - Nil	Research -
Area of Specialization	Materials Science		
Papers Published in Journals	National -	International -10	
Papers Presented in Conferences	National -	International -	
PhD Guide / Give field & University	Nanomaterials	Anna University Chennai	
PhDs / Projects Guided	Ph.Ds -1 (ongoing)	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	Book Chapter: 3		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	One student project from TNSCST Institution (NEC) funded seed money project		
Interaction with Professional Institutions	--		


# DEPARTMENT OF SCIENCE & HUMANITIES

<b>Name of the Teaching Staff</b>	Dr A. PANIMAYA VALAN RAKKINI		
<b>Date of Birth &amp; Age</b>	14/08/1974 ; 50 Yrs		
<b>AICTE Faculty ID</b>	1-4570817540		
<b>Anna University ID</b>	293663		
<b>Designation</b>	Assistant Prof (S>G)		
<b>Date of Joining the Institution</b>	02/07/2018		
<b>College mail id</b>	panimaya.sh@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-B.Sc	PG- M. Sc.,	Ph D -.completed
<b>Total Experience in Years</b>	Teaching – 14.8 yrs	Industry - Nil	Research - 4 yrs
<b>Area of Specialization</b>	Materials Science - Thin Films		
<b>Papers Published in Journals</b>	National -	International -2 Scopus :1	
<b>Papers Presented in Conferences</b>	National - 1	International -2	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>			
<b>Awards</b>	-		
<b>Grants fetched</b>	MSME Idea Hackathon 3.0 Students project - 14 Lakhs		
<b>Interaction with Professional Institutions</b>	-		


# DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	Dr. V. RAMASUBBU		
<b>Date of Birth &amp; Age</b>	25.03.1986 & 38		
<b>AICTE Faculty ID</b>	1-9510516978		
<b>Anna University ID</b>	296485		
<b>Designation</b>	ASSISTANT PROFESSOR		
<b>Date of Joining the Institution</b>	01.10.2021		
<b>College mail id</b>	ramasubbu@nec.edu.in		
<b>Qualification with Class / Grade</b>	B.Sc., / I	M.Sc., / I	Ph D -
<b>Total Experience in Years</b>	Teaching – 5 Y 10 M	Industry - Nil	Research – 6 Y
<b>Area of Specialization</b>	Material Science		
<b>Papers Published in Journals</b>	National - 1	International - 7	
<b>Papers Presented in Conferences</b>	National - 3	International - 3	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds - NIL	Projects at Masters Level - NIL	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>			
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	University of Malaysia		


## DEPARTMENT OF SCIENCE & HUMANITIES

Name of the Teaching Staff	Dr. M. ARAVIND		
Date of Birth & Age	24.03.1995 & 30		
AICTE Faculty ID	1-44716106457		
Anna University ID	9576361		
Designation	Assistant Professor		
Date of Joining the Institution	12.07.2022		
College mail id	Aravind-sh@nec.edu.in		
Qualification with Class / Grade	UG- B.Sc (1 <sup>st</sup> )	PG- M.Sc (1 <sup>st</sup> Class with distinction)	Ph D – Physics
Total Experience in Years	Teaching – 2.7 years	Industry - Nil	Research - 4
Area of Specialization	Material Science		
Papers Published in Journals	National -	International - 18	
Papers Presented in Conferences	National - 2	International - 2	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds -	Projects at Masters Level -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	Best Paper presentation award		
Grants fetched	-		
Interaction with Professional Institutions	-		


# DEPARTMENT OF SCIENCE & HUMANITIES

Name of the Teaching Staff	Dr M.PRABHU		
Date of Birth & Age	16.08.1986 & 38		
AICTE Faculty ID	1-44715759874		
Anna University ID	303669		
Designation	Assistant Professor		
Date of Joining the Institution	19.12.2022		
College mail id	Prabhu-sh@nec.edu.in		
Qualification with Class / Grade	UG - First	PG- M.Sc.,- First	Ph D - Awarded
Total Experience in Years	Teaching - 5years	Industry - Nil	Research - 13 years
Area of Specialization	Materials Science, Solar Cells and Gas Sensor Applications		
Papers Published in Journals	National - Nil	International - 13	
Papers Presented in Conferences	National - 14	International - 10	
PhD Guide / Give field & University	Yet to apply		
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	i) Best Project Award from DAE, Bhabha Atomic Research Center. ii) CSIR awards Senior Research Fellowships (SRFs)		
Grants fetched	Nil		
Interaction with Professional Institutions	i) School of Chemistry, Madurai Kamaraj University ii) Research Center, Sri Sivasubramaniya Nadar College of Engineering		


## DEPARTMENT OF PHYSICS

Name of the Teaching Staff	Dr.V.T.Srisuvetha		
Date of Birth & Age	16-07-90 & 35		
AICTE Faculty ID	1-43418863193		
Anna University ID	306126		
Designation	Assistant Professor		
Date of Joining the Institution	23-8-2024		
College mail id	suvethaphy@nec.edu.in		
Qualification with Class / Grade	UG- 60 %	PG- 75%	Ph D -.
Total Experience in Years	2.5	Industry - Nil	Research -
Area of Specialization	Material science,Nanotechnology		
Papers Published in Journals	National -5	International -6	
Papers Presented in Conferences	National -6	International - 5	
PhD Guide / Give field & University	NIL	NIL	
PhDs / Projects Guided	Ph.Ds - NIL	Projects at Masters Level - NIL	
IPRs/ Patents	NIL		
Books Published	NIL		
Professional Memberships	NIL		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	NIL		


## Department of Science and Humanities

<b>Name of the Teaching Staff</b>	Dr.S.Geetha		
<b>Date of Birth &amp; Age</b>	07.05.1973 & 51		 <p style="text-align: center;">Photo</p>
<b>AICTE Faculty ID</b>	1-456198339		
<b>Anna University ID</b>	292983		
<b>Designation</b>	Associate Professor		
<b>Date of Joining the Institution</b>	19.06.2000		
<b>College mail id</b>	geetha280g@nec.edu.in		
<b>Qualification with Class / Grade</b>	B.Sc- I	M.Sc- I	Ph D -.
<b>Total Experience in Years</b>	Teaching – 24	Industry - Nil	Research - Nil
<b>Area of Specialization</b>	Queueing Theory		
<b>Papers Published in Journals</b>	National -2	International -2	
<b>Papers Presented in Conferences</b>	National -2	International -1	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds - Nil	Projects at Masters Level - Nil	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


## DEPARTMENT OF

<b>Name of the Teaching Staff</b>	Dr.M.ANNA POOPATHI		
<b>Date of Birth &amp; Age</b>	20.05.1985 / 39		 Photo
<b>AICTE Faculty ID</b>	1 - 456198591		
<b>Anna University ID</b>	292727		
<b>Designation</b>	Assistant Professor(SG)		
<b>Date of Joining the Institution</b>	29.07.2009		
<b>College mail id</b>	annapoopathi.sh@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.Sc., (Mathematics) / I	PG- M.Sc., ( Mathematics ) / I	Ph D – ( Mathematics)
<b>Total Experience in Years</b>	Teaching – 15 years	Industry -Nil	Research -
<b>Area of Specialization</b>	Graph Theory		
<b>Papers Published in Journals</b>	National - 4	International - 1	
<b>Papers Presented in Conferences</b>	National - --	International - --	
<b>PhD Guide / Give field &amp; University</b>	--	--	
<b>PhDs / Projects Guided</b>	Ph.Ds - --	Projects at Masters Level - --	
<b>IPRs/ Patents</b>	--		
<b>Books Published</b>	--		
<b>Professional Memberships</b>	--		
<b>Consultancy Activities</b>	--		
<b>Awards</b>	--		
<b>Grants fetched</b>	--		
<b>Interaction with Professional Institutions</b>	--		


# DEPARTMENT OF SCIENCE & HUMANITIES

Name of the Teaching Staff	Ms. S.S. BASITHA PARVEEN		
Date of Birth & Age	20.02.1986 & 38		 Photo
AICTE Faculty ID	1-3364482231		
Anna University ID	294096		
Designation	Assistant Professor		
Date of Joining the Institution	04.07.2016		
College mail id	basithaparveen.sh@nec.edu.in		
Qualification with Class / Grade	UG - I Class with Distinction	PG M.Sc.- I Class	Ph D -.Pursuing
Total Experience in Years	Teaching – 10	Industry - Nil	Research - Nil
Area of Specialization	A study on topological structures as a matrix representation		
Papers Published in Journals	National - Nil	International -Nil	
Papers Presented in Conferences	National - Nil	International -Nil	
PhD Guide / Give field & University	Nil		
PhDs / Projects Guided	Ph.Ds -Nil	Projects at Masters Level – Riemanian Geometry	
IPRs/ Patents	Nil		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		


## DEPARTMENT OF SCIENCE & HUMANITIES

<b>Name of the Teaching Staff</b>	Mr. SIVABALAN S		
<b>Date of Birth &amp; Age</b>	20.05.1993 & 32		
<b>AICTE Faculty ID</b>	1-43710789754		
<b>Anna University ID</b>	289237		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	01.06.2023		
<b>College mail id</b>	<a href="mailto:Sivabalan-sh@nec.edu.in">Sivabalan-sh@nec.edu.in</a>		
<b>Qualification with Class / Grade</b>	UG- B.Sc/7.886 (CGPA)	PG- M.Sc 8.94 (CGPA)	M.Phil 8.54 (CGPA)
<b>Total Experience in Years</b>	Teaching – 7	Industry - Nil	Research - Nil
<b>Area of Specialization</b>	Mathematics (Linear Algebra)		
<b>Papers Published in Journals</b>	National -	International -	
<b>Papers Presented in Conferences</b>	National -	International -	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


# DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	DR.R.GEETHA		
<b>Date of Birth &amp; Age</b>	30.04.1997		
<b>AICTE Faculty ID</b>	1- 43383336504		
<b>Anna University ID</b>	306208		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	04.03.2024		
<b>College mail id</b>	rgeetha_maths@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG - B.Sc / 7.04 /First Class	PG- M.Sc/6.5/First Class	Ph D -Completed
<b>Total Experience in Years</b>	Teaching -1	Industry -Nil	Research – 4
<b>Area of Specialization</b>	Fluid Mechanics		
<b>Papers Published in Journals</b>	National -Nil	International - 4	
<b>Papers Presented in Conferences</b>	National - 1	International - Nil	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds - Nil	Projects at Masters Level - Nil	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


## DEPARTMENT OF

Name of the Teaching Staff	Dr.R.VANALAKSHMI		
Date of Birth & Age	03.04.1988 & 36		
AICTE Faculty ID	1-44716106661		
Anna University ID	303720		
Designation	Assistant Professor		
Date of Joining the Institution	13.05.2024		
College mail id	Vanalakshmimaths@nec.edu.in		
Qualification with Class / Grade	UG- B.Sc.-First class	PG- M.Sc.- First Class	Ph D
Total Experience in Years	Teaching – 4 years	Industry -Nil	Research – 5 years
Area of Specialization	Queueing Theory		
Papers Published in Journals	National - Nil	International - 4	
Papers Presented in Conferences	National - 2	International - 6	
PhD Guide / Give field & University	Dr.S.Maragathasundari (Queueing Theory)	Kalasalingam University	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		

# DEPARTMENT OF SCIENCE & HUMANITIES


Name of the Teaching Staff	M.DHIVYA		
Date of Birth & Age	13/02/1993 (32 YEARS)		
AICTE Faculty ID	1-44716106831		
Anna University ID	303602		
Designation	ASSISTANT PROFESSOR		
Date of Joining the Institution	14/08/2024		
College mail id	dhivyamaths@nec.edu.in		
Qualification with Class / Grade	UG- B.Sc (1 <sup>st</sup> with Dist)	PG- M.Sc (1 <sup>st</sup> with Dist)	Ph D - Awarded
Total Experience in Years	Teaching – 6 months	Industry -Nil	Research - Nil
Area of Specialization	Algebra		
Papers Published in Journals	National - 2	International - 2	
Papers Presented in Conferences	National - 2	International - 1	
PhD Guide / Give field & University	Dr.S.Firthous Fatima	Algebra & M.S University	
PhDs / Projects Guided	Ph.Ds - 1	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	Nil		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

**DEPARTMENT OF SCIENCE AND HUMANITIES  
MATHS**


<b>Name of the Teaching Staff</b>	DHARANI.P			
<b>Date of Birth &amp; Age</b>	12.06.1992&32			
<b>AICTE Faculty ID</b>	1-43459684973			
<b>Anna University ID</b>	296394			
<b>Designation</b>	ASSISTANT PROFESSOR			
<b>Date of Joining the Institution</b>	01.09.2023			
<b>College mail id</b>	dharani-maths@nec.edu.in			
<b>Qualification with Class / Grade</b>	UG- FIRST 95%	PG- M.Sc- FIRST 77.56%	B.Ed- FIRST 80%	M.phil- FIRST 83%
<b>Total Experience in Years</b>	Teaching – 4 yr 2 Months	Industry - Nil	Research -	
<b>Area of Specialization</b>	LINEAR ALGEBRA			
<b>Papers Published in Journals</b>	National -	International -		
<b>Papers Presented in Conferences</b>	National -	International -		
<b>PhD Guide / Give field &amp; University</b>				
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -		
<b>IPRs/ Patents</b>	NIL			
<b>Books Published</b>	NIL			
<b>Professional Memberships</b>	NIL			
<b>Consultancy Activities</b>	NIL			
<b>Awards</b>	NIL			
<b>Grants fetched</b>	NIL			
<b>Interaction with Professional Institutions</b>	NIL			



## DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	Mr.P.GANAPATHY		
<b>Date of Birth &amp; Age</b>	04.06.1985 & 39		 <p style="text-align: center;">Photo</p>
<b>AICTE Faculty ID</b>	1-9324780281		
<b>Anna University ID</b>	292490		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	03.08.2023		
<b>College mail id</b>	pganapathy-sh@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.Sc- First	PG- M.Sc- First	Ph D -.Pursuing
<b>Total Experience in Years</b>	Teaching –14 years	Industry -Nil	Research -
<b>Area of Specialization</b>	Topology		
<b>Papers Published in Journals</b>	National -	International -	
<b>Papers Presented in Conferences</b>	National -	International -	
<b>PhD Guide / Give field &amp; University</b>	Dr.Rajakalaivanan.M	Madurai Kamaraj University	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	--		
<b>Books Published</b>	--		
<b>Professional Memberships</b>	--		
<b>Consultancy Activities</b>	--		
<b>Awards</b>	--		
<b>Grants fetched</b>	--		
<b>Interaction with Professional Institutions</b>	--		


## DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	Ms.R.PREMALATHA		
<b>Date of Birth &amp; Age</b>	26.12.1997 & 27		
<b>AICTE Faculty ID</b>	1-43711604461		
<b>Anna University ID</b>	293116		
<b>Designation</b>	ASSISTANT PROFESSOR		
<b>Date of Joining the Institution</b>	28.08.2023		
<b>College mail id</b>	premalatha-sh@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- First class with distinction(B.Sc)\ D++	PG- First class(M.Sc)\ D	Ph D – Not Pursing
<b>Total Experience in Years</b>	Teaching – 1.5 years	Industry - Nil	Research – Not Yet
<b>Area of Specialization</b>	Linear Algebra		
<b>Papers Published in Journals</b>	National - Nil	International - Nil	
<b>Papers Presented in Conferences</b>	National - Nil	International - Nil	
<b>PhD Guide / Give field &amp; University</b>	Not Pursing	-	
<b>PhDs / Projects Guided</b>	Ph.Ds - Not Pursing	Projects at Masters Level - Nil	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


## DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	Ms.S.Rajeswari		
<b>Date of Birth &amp; Age</b>	04.06.1980 & 45	<div style="text-align: center;">Photo</div> 	
<b>AICTE Faculty ID</b>	1-456198995		
<b>Anna University ID</b>	-		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	03.03.2025		
<b>College mail id</b>			
<b>Qualification with Class / Grade</b>	B.Sc - I	M.Sc - I	Ph D -.
<b>Total Experience in Years</b>	Teaching – 14	Industry - Nil	Research - Nil
<b>Area of Specialization</b>	Fuzzy Soft Set		
<b>Papers Published in Journals</b>	National - 1	International -	
<b>Papers Presented in Conferences</b>	National -	International -	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		


# DEPARTMENT OF SCIENCE AND HUMANITIES

Name of the Teaching Staff	SINDHUMATHY S		
Date of Birth & Age	31/05/1987 & 37		
AICTE Faculty ID	1-44716106593		
Anna University ID	303538		
Designation	Assistant Professor		
Date of Joining the Institution	10/06/2024		
College mail id	sindhumaths@nec.edu.in		
Qualification with Class / Grade	UG-89.8%	PG-87.24%	Ph D -.-
Total Experience in Years	Teaching – 5 years 8 months	Industry - Nil	Research -
Area of Specialization	Linear Algebra		
Papers Published in Journals	National - Nil	International - Nil	
Papers Presented in Conferences	National -	International -	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds - -	Projects at Masters Level - -	
IPRs/ Patents	-		
Books Published	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with Professional Institutions	-		


## DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	Ms.S.Gopiga Devi			
<b>Date of Birth &amp; Age</b>	09.02.1998			
<b>AICTE Faculty ID</b>	1-11121933601			
<b>Anna University ID</b>	9576371			
<b>Designation</b>	Assistant Professor			
<b>Date of Joining the Institution</b>	24.11.2021			
<b>College mail id</b>	gopikadevi_sh@nec.edu.in			
<b>Qualification with Class / Grade</b>	UG – B.A. English, First Class	PG- M.A. English First Class with Distinction	Ph D - Pursuing	
<b>Total Experience in Years</b>	Teaching – 3 years 4 months	Industry -Nil	Research - Nil	
<b>Area of Specialization</b>	Trauma Narratives			
<b>Papers Published in Journals</b>	National - Nil	International - Nil		
<b>Papers Presented in Conferences</b>	National - Nil	International - Nil		
<b>PhD Guide / Give field &amp; University</b>	Nil	Nil		
<b>PhDs / Projects Guided</b>	Ph.Ds - Nil	Projects at Masters Level - Nil		
<b>IPRs/ Patents</b>	Nil			
<b>Books Published</b>	NIL			
<b>Professional Memberships</b>	NIL			
<b>Consultancy Activities</b>	NIL			
<b>Awards</b>	NIL			
<b>Grants fetched</b>	NIL			
<b>Interaction with Professional Institutions</b>	NIL			


## DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	Ms. Revathe B		
<b>Date of Birth &amp; Age</b>	20.11.1999 & 25 Years		
<b>AICTE Faculty ID</b>	1-43796335989		
<b>Anna University ID</b>	9576377/298865		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	03.01.2024		
<b>College mail id</b>	revathe.b@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- B.A English First	PG- M.A English First	Ph D -.
<b>Total Experience in Years</b>	Teaching – 1 year 2 months	Industry - Nil	Research -
<b>Area of Specialization</b>	ELT		
<b>Papers Published in Journals</b>	National - nil	International – nil	
<b>Papers Presented in Conferences</b>	National - 3	International - nil	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	Title of the invention : A Study on the impact of Teacher feedback on Language development		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		


# DEPARTMENT OF SCIENCE AND HUMANITIES

Name of the Teaching Staff	Dr. S. Maheswari		
Date of Birth & Age	08.05.1990 & 35		
AICTE Faculty ID	1-44715761113		
Anna University ID	303810		
Designation	Assistant Professor		
Date of Joining the Institution	13.09.2023		
College mail id	maheseng@nec.edu.in		
Qualification with Class / Grade	UG- II	PG- M.A-I	Ph D -.
Total Experience in Years	Teaching – 8.5 years	Industry - Nil	Research - Nil
Area of Specialization	Indian Writing in English		
Papers Published in Journals	National -5	International -3	
Papers Presented in Conferences	National - 2	International - 3	
PhD Guide / Give field & University	-	-	
PhDs / Projects Guided	Ph.Ds - Nil	Projects at Masters Level - Nil	
IPRs/ Patents	Nil		
Books Published	Nil		
Professional Memberships	ELTAI- ID: 30018200		
Consultancy Activities	Nil		
Awards	Nil		
Grants fetched	Nil		
Interaction with Professional Institutions	Nil		

# DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	DR.K.LATHA		
<b>Date of Birth &amp; Age</b>	24.05.1989 & 35		
<b>AICTE Faculty ID</b>	1-3186264377		
<b>Anna University ID</b>	9519228		
<b>Designation</b>	Assistant Professor		
<b>Date of Joining the Institution</b>	11.12.2023		
<b>College mail id</b>	latha@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- BA/III	PG- MA/I	Ph D- Completed
<b>Total Experience in Years</b>	Teaching – 7 yrs & 3 Months	Industry - Nil	Research - Nil
<b>Area of Specialization</b>	Indian Writing in English		
<b>Papers Published in Journals</b>	National -2	International -3	
<b>Papers Presented in Conferences</b>	National -3	International -3	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	A STUDY ON THE IMPACT OF TEACHER FEEDBACK ON LANGUAGE DEVELOPMENT		
<b>Books Published</b>	NIL		
<b>Professional Memberships</b>	NIL		
<b>Consultancy Activities</b>	NIL		
<b>Awards</b>	NIL		
<b>Grants fetched</b>	NIL		
<b>Interaction with Professional Institutions</b>	NIL		

## DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	S.KARTHIK		
<b>Date of Birth &amp; Age</b>	19-06-1996		
<b>AICTE Faculty ID</b>	1-44716105919		
<b>Anna University ID</b>	303757		
<b>Designation</b>	ASSISTANT PROFESSOR		
<b>Date of Joining the Institution</b>	03-06-2024		
<b>College mail id</b>	karthikeng@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG- BA II CLASS	PG- M.A II CLASS	Ph D -.
<b>Total Experience in Years</b>	Teaching -8 months	Industry - Nil	Research -
<b>Area of Specialization</b>	Turkish Literature		
<b>Papers Published in Journals</b>	National - 1	International -2	
<b>Papers Presented in Conferences</b>	National - 1	International -	
<b>PhD Guide / Give field &amp; University</b>			
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	Nil		
<b>Books Published</b>	Nil		
<b>Professional Memberships</b>	Nil		
<b>Consultancy Activities</b>	Nil		
<b>Awards</b>	Nil		
<b>Grants fetched</b>	Nil		
<b>Interaction with Professional Institutions</b>	Nil		

## DEPARTMENT OF SCIENCE AND HUMANITIES

<b>Name of the Teaching Staff</b>	C.K. Amuthal Salomi		
<b>Date of Birth &amp; Age</b>	08/11/2000		
<b>AICTE Faculty ID</b>	1-44716105641		
<b>Anna University ID</b>	303842		
<b>Designation</b>	Assistant Professor/Eng		
<b>Date of Joining the Institution</b>	1.10.2024		
<b>College mail id</b>	salomieng@nec.edu.in		
<b>Qualification with Class / Grade</b>	UG-B.A. Eng first class with distinction(77.45)	PG- M.A. Eng First class(69.05)	Ph D -.
<b>Total Experience in Years</b>	Teaching –	Industry -Nil	Research -
<b>Area of Specialization</b>	-		
<b>Papers Published in Journals</b>	National -	International -	
<b>Papers Presented in Conferences</b>	National -	International -	
<b>PhD Guide / Give field &amp; University</b>	-	-	
<b>PhDs / Projects Guided</b>	Ph.Ds -	Projects at Masters Level -	
<b>IPRs/ Patents</b>	-		
<b>Books Published</b>	-		
<b>Professional Memberships</b>	-		
<b>Consultancy Activities</b>	-		
<b>Awards</b>	-		
<b>Grants fetched</b>	-		
<b>Interaction with Professional Institutions</b>	-		

<b>ADMISSION PROCEDURE</b>		
10	<b>Admission quota#</b>	Govt Quota-65%, Mgmt Quota-35%
	<b>Entrance test/admission criteria</b>	No Entrance As Per Tamilnadu Govt. Admission Purely Based On Plus two Physics, Chemistry, Maths Marks.
	<b>Cut off/last candidate admitted</b>	
	<b>Number of Fee Waiver (2024-2025)</b>	17
	<b>Admission Calendar</b>	<a href="#">2024-25</a>

11	<b>Boys Hostel</b>	Two Gent's hostels with accommodation capacity Of 900
	<b>Girls Hostel</b>	Two Girls hostels with accommodation capacity Of 800
	<b>Medical&amp; other Facilities at Hostel</b>	1. Medical facility available with one part time doctor and one full time nurse. 2. Internet connection and computing facilities 3. Recreation and indoor games facilities 4. Mineral water facility 5. Stationary Stores
12	<b>Academic Sessions</b>	
	<b>Examination system, Year/Sem</b>	Semester System.
	<b>Period of declaration of results</b>	Within two months after the completion of examinations by the University
13	<b>Counseling / Mentoring</b>	
	<b>Career Counseling</b>	A Separate Placement and Training Cell is Functioning which provides Career counseling to all students.
	<b>Medical facilities</b>	Medical facility available with one part time Doctor and one full time nurse
	<b>Student Insurance</b>	1. Amarthiya Siksha Yojana in which students' parents are insured. 2. Students(Accident)welfare policy
14	<b>Students Activity Body</b>	
	<b>Cultural activities</b>	Various cultural activities are arranged through Fine Arts Club, Rotaract Club
	<b>Sports activities</b>	Indoor games and Outdoor games facilities, Students are participating in College level and University level sports meet.
	<b>Literary activities</b>	Students are participating in literary competitions in college level through Youth Welfare Association
	<b>Magazine/ Newsletter</b>	NECE-Magazine-Every month
	<b>Technical activities/Tech Fest</b>	Conferences, Symposiums and workshops are being conducted through CSI Student'Chapter, ISTE, IEEE and IE(I).
	<b>Industrial Visits/Tours</b>	Industrial Visits are arranged for all students every year.
	<b>Alumni activities</b>	Alumni association arranges meet once in a year. Alumni are invited to deliver guest lectures and to arrange training programmes to students. Alumni association provides library facility and financial Assistance to the poor students.
	<b>Social Activities</b>	Social activities like blood donation, public awareness etc through NSS, Blood Donors Club, Red Ribbon Club.