MANDATORY DISCLOSURE

1	AICTE File No.	Southern/1-7003330570/2020/EOA
	Date & Period of last approval	09.06.2020 & 2020 - 2021
2	Name of the Institution	NATIONAL ENGINEERING COLLEGE (AUTONOMOUS)
	Address of the Institution	K.R. NAGAR, KOVILPATTI - 628 503, THOOTHUKUDI DISTRICT.
	City & Pin Code	KOVILPATTI - 628 503
	State / UT	TAMILNADU
	Phone number with STD code	04632-22502, 230227
	FAX number with STD code	04632-232749
	Office hours at the Institution	9.00 a.m. to 5.30 p.m.
	Academic hours at the Institution	9.15 a.m. to 5.15 p.m.
	Email	principal@nec.edu.in
	Website	www.nec.edu.in
	Nearest Railway Station(dist in Km)	KOVILPATTI (6 kms.)
	Nearest Airport (dist in Km)	MADURAI (100 kms.) / Thoothukudi (65 kms)
3	Type of Institution	Private - Self-financed
	Category (1) of the Institution	Non-minority
	Category (2) of the Institution	Co-education
4	Name of the organization running the Institution	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
	Website of the organization	
5	Name of the affiliating University	Anna University Chennai
	Address	Guindy, Chennai – 600 025
	Website	www.annauniv.edu
	Latest affiliation period	2020 - 2021
6	Name of Principal / Director	DR.K.KALIDASA MURUGAVEL
	Exact Designation	PRINCIPAL
	Phone number with STD code	04632 - 222502, 230227
	FAX number with STD code	04632 - 232749
	Email	principal@nec.edu.in
	Highest Degree	Ph.D.
	Field of specialization	Thermal Engineering
7	Governing Board Members	1.Tmt.ChennammalRamasamy,Chairman 2.Thiru.R.Krishnamoorthy,Member 3.Thiru.R.Arunachalam,Member 4.Thiru.C.Sankaranarayanan,Member 5.Selvi.A.Shanmathi,Member 6.SelvanA.NiteeshRam,Member 7.Prof.M.R.BhagwanSingh,Member, UGC Nominee 8. Prof. R.Rajendiran, Member, State Government Nominee 9. Dr. S.Selladurai, Member, University Nominee

		10. Mr. L.S.Manivannan, Member, Industrialist 11.Dr.S.Shanmugavel,Director, NEC, Member 12.Dr.K.Manisekar,Professor / Mech.Engg., Member 13.Dr.D.Manimegalai,Professor / IT, Member 14.Dr.K.KalidasaMurugavel,Principal/Member Secretary
	Frequency of meetings & date of last meeting	Twice in a year & Date: 09.02.2021
8	Academic Council	1) Dr. K.KalidasaMurugavel, Principal, NEC, 2) Dr R.Raju, Professor/Dept.of Industrial Engg., Anna University, Chennai – Academic Expert 3) Dr D. Sriram kumar, Professor/Dept. of ECE,NIT, Trichy– Academic Expert 4) Dr P Alagu Sundaramoorthy, Professor/ Dept. of Civil Engineering, IITM, Chennai – Academic Expert 5) Dr Balaji Srinivasan, Professor/ Dept. of Electrical Engineering, IITM, Chennai – Academic Expert 6) Dr.V.Veerappan, Cofounder & President, Tessolve Semiconductor Pvt. Ltd, Bangalore – Industrial Expert 7) Mr.M.Ganesh Thirunavukkarsu, Academic Relationship Manager – TN & P, Tata Consultancy Services Limited,Chennai – Industrial Expert 8) Dr.V.Narayanan, Director, LPSC, Indian Space Research Organization,Thiruvananthapuram – Industrial Expert 9) Mr.N. Lakshmi Narasimhan, General Manager – HR, Brakes India Private Limited, Chennai-Industrial Expert 10) Ms.A.Bhanurekha, Principal Officer, Chola Academy ,Chennai – Industrial Expert 11) Shri.UtpalBorah,Scientist,IGCAR,Kalapakkam, Chennai- Industrial Expert 12) Dr S.Valli, Professor/Dept. of CSE, Anna University, Chennai – University Nominee 13) Dr Ranjani Parthasarathy, Professor/Dept. of IST, Anna University, Chennai – University Nominee 14) DrR.Saravanan, Professor/Dept. of Mechanical Engg., Anna University, Chennai – University Nominee **Internal Members:** 15) Dr S Tamilselvi, Dean (Academic), 16) Dr M A Neelakantan, Dean(R&D) &Head/S&H 17) Dr K G Srinivasagan, Dean(TCP) &Prof./CSE 18) Dr. K.Manisekar, Prof.& Head/Mechanical 19) Dr. A Shenbagavalli, Prof.& Head/ECE 20)Dr.V Gomathi, Prof.& Head/CSE 21)Dr. M Willjuice Iruthayarajan, Prof.& Head /EEE

		22)Dr.I.Jackson Daniel, Prof.& Head /EIE 23)Dr. D Manimegalai, Prof.& Head /IT 24)Dr C Puhtiyasekar, Prof.& Head /Civil 25)Dr.D.Ravindran,Prof./Mechanical 26)Dr.S.Rammurthy,Prof./Mathematics 27)Dr. L. Kalaivani, Prof./EEE 28)Ms. R. Rajakumari, Asst.Prof(SG)/CSE **Student members:** 29)Mr.M.Pradheep, Final Year Mechanical 30)Ms V Gayathri Devi, Final Year ECE 31)Ms M Gayathri, Final Year CSE 32)Ms B Pandeeswari, Final Year EEE 33)Mr Z.Mohamed Sameer,Final Year EIE 34)Ms. M.Poojaa, Final Year IT 35)Ms. Ambal Devi, Third Year Civil
	Frequency of meetings & date of last meeting	Once in a year & 08.01.2021
9	Organizational Chart	

| 10 | Student feedback mechanism on Institutional Governance/faculty performance | Student's feedback of faculty is obtained for every subject at the end of the semester and follow up action is taken. |
| 11 | Grievance redressal mechanism for faculty, staff and students | **For Faculty and Staff:**
Grievances of the faculty and staff are being represented to the Principal through HODs and necessary solution arrived then and there.
For Students:
1. Tutor System is being followed. 22 students are allotted to each faculty. Students' grievances are obtained by respective tutor. Tutor Meeting is being organized by the Principal thrice in a semester and the grievances are solved after discussion.
2. In addition to the above a separate Complaints cum Grievance Redressal Committee is functioning. |

12. Courses Details:

Name of the Department	Mechanical Engineering		
Name of the Course	B.E. Mechanical Engineering (UG) M.E. Energy Engineering (PG)		
Level of Course	UG &PG		
1st Year of approval by the Council	Yes		
Year wise Sanctioned Intake	**2020-2021**	**2019-2020**	**2018-2019**
B.E. Mechanical Engineering (UG)	120	120	120
M.E. Energy Engineering (PG)	18	18	18
Year wise Actual Admissions	**2020-2021**	**2019-2020**	**2018-2019**
B.E. Mechanical Engineering (UG)	77	107	110
M.E. Energy Engineering (PG)	2	1	NIL
Cut off marks – General quota	**2020-2021**	**2019-2020**	**2018-2019**
B.E. Mechanical Engineering (UG)	122.5-127	95-146	104.5-151
% Students passed with Distinction	**2019-2020**	**2018-2019**	**2017-2018**
B.E. Mechanical Engineering (UG)	28	26	20
M.E. Energy Engineering (PG)	NIL	NIL	NIL
% Students passed with First Class	**2019-2020**	**2018-2019**	**2017-2018**
B.E. Mechanical Engineering (UG)	95	95	97
M.E. Energy Engineering (PG)	NIL	2	NIL
Students Placed	2019-2020	2018-2019	2017-2018
	122	45	49
Average Pay package, Rs./Year	2019-2020	2018-2019	2017-2018
	1,35,542	47,442	1,50,000
Students opted for Higher Studies	2019-2020	2018-2019	2017-2018
	10	11	10
Accreditation Status of the course	Accredited		
Doctoral Courses	Yes		
Foreign Collaborations, if any	No		
Professional Society Memberships	ISTE, SAE, IE		
Professional activities	NIL		
Consultancy activities	Annexure I		
Grants fetched from various organizations with name of the agency and amount:	Annexure I		
Departmental Achievements	- Students acquired 310 online certificates from Dassaults Systems, United States namely Certified Solidworks Associate, Certified Solidworks Professional, Additive manufacturing and so on. - Established Welding Laboratory for research activities - MoU with M/s Maker Global, Hyderabad on 7th January 2021. - MoU with TryCAE Industrial Engineering Pvt ltd on 6th January 2020. - Number of Ph.Ds. completed: Internal: 04,		

	External: 04.
	• Total number of publications- 99 (SCI and SCOPUS)
	• Established Composite lab, Innovation lab and Energy park exclusively for research activities
	• Quarterly journal from Society for Manufacturing Engineering
	• Tie-up with industry for new product development
	• Six Institute-Industry collaborative elective courses offered to students
Distinguished Alumni	Annexure I

ANNEXURE I

i. Consultancy activities

Year	Title of Consultancy work	Client	Amount Earned	Main or Consultant
2019-2020	3D modelling and preparation of Fabrication drawings of typical guide vane and internal Truss and typical Straight Duct for NTPC Kudgi 800 MW FGD	Try CAE Industrial Engineering Pvt.Ltd.	Rs. 50,000	Dr.D.Vignesh kumar Mr. Vivekanandan
2017-2018	Testing setup for Cv value for valves	Excel Hydro Pneumatics (India) Pvt. Ltd.	Rs.2,10,000	Dr.H.Kanagasabapathy, Mr.R.Vignesh Kumar
	Hot air seiling methodologies for woven sack	Veubro polymers, Erode	Rs.25,000/-	Dr.H.Kanagasabapathy
	Integrating a blower unit to suck dust particle from the work environment and a bending roller in the existing trimming machine.	M/s.Sri Hari Pack, Sivakasi,	Service Work	Dr.T.Vigraman

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

FUNDED RESEARCH PROJECTS

Name of the faculty	Title of the Project	Funding Agency	Duration	Amount (Rs)	Status
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	Final report to be submitted
Principal Investigator: Dr.K.Kalidasa Murugavel	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.Kalidasa Murugavel	Experimental Study on Solar Steam Generation System with Compressed Water Thermal Energy Storage System	DST / SERI	2 Yrs	40,00,000	Completed

Funded Project Through Technology Business Incubators (TBI) (2017-21):

S.No	Title of the Project	Funding Agency	Amount
1	Coconut dehusker Machine	MSME – New Delhi	Rs.5,00,000/-
2	Coconut Trimmer Machine	MSME – New Delhi	Rs.5,00,000/-
3	Charcoal Production through novel method	MSME – New Delhi	Rs.6,25,000/-

Fund Received for Student Project 2017-21

S. No	Title	Students Name	Mentors	Agency & Amount
1	Salt Harvester	L. Karthikeyan, Gowtham Sree Kumar, T. Aari Sangar.	Dr. D. Ravindran, Prof./Mech, Dr. D. Vignesh Kumar, Asso. Prof./Mech	NewGen IEDC Rs.2,50,000/-
2	Semi-Automatic Solid Waste Collecting System for Open Sewage	S.Ajithkumar M.Guruesakkiraj V.Hariharasudan M.Ranjith Kumar	R. Vijayakumar, AP(SG)/MECH, R. Vignesh Kumar, AP/MECH	NewGen IEDC Rs.2,50,000/-
3	Palm Jaggery Production Machine	A. Aakash Edwin R. Sanjay M. Vengatesh	K. Sudalaiyandi, AP/MECH, V.J. Manoj Praveen,	NewGen IEDC Rs.2,50,000/-

		D. Vignesh	AP/MECH	
4.	Mechanized Knife for Filleting Large Tuna and other Fishes	G. Subhash V. Subash J. Sam Joebin E. A. Shahul Hameed	Dr. M. Vivekanandan, Adjunct Faculty/MECH, N. Muthu Saravanan, AP/MECH	NewGen IEDC Rs.2,50,000/-
5.	Portable Automatic Multi-Snack Maker	B. Udhayakumar, V. Sree Kumaran, S.C. Saravanan, R. Vignesh S. Venkatesh E. Hirthik Joel	P.Ramanan, AP(SG)/MECH, R. Vijayakumar, AP(SG)/MECH	NewGen IEDC Rs.2,50,000/-
6.	Tractor Rear Loader for farm application	V. Jeyanthram, R. Pothiraj, J.Maria Jebarajith, S.Rajakumar, L.Karthikeyan, J.David Prasannaraj	D. Vignesh Kumar, Asst. Prof. (SG) / Mech. Dr.T.Vigraman, Asso. Prof.(SG) / Mech.	NewGen IEDC Rs.2,50,000/-
7.	Automatic Floor Cleaning and Mopping Robot	R.Vigneshwaran, V.Jayaraman, T.S.Easwar, M.Ahamed Yaseer	Dr.D.Venkatkumar, Asso. Prof. / Mech. Dr.B.Paramasivan, Prof. / IT Dr.K.Mohideen Pitchai, Asso. Prof.(SG) / CSE. S.Dheenathalayan, Asst. Prof. / CSE.	NewGen IEDC Rs.2,50,000/-
8.	Eco Friendly Peanut Candy Making Machine	K.R.Praveen Krishna, M.Pravin, M.Subramani, A.Sakthi	Dr.K.Manisekar, Prof.& Head / Mech. Dr.M.Kathiresan, Asso. Prof./Mech. B.Ganapathy Ram, Asst. Prof. / ECE	NewGen IEDC Rs.2,50,000/-
9.	Improved Solar Greenhouse Dryer For Agricultural Value-Added Products	Aravind Prabaharan P.Periyanayaganathan K.P. Siva Sankaran R. Selva Arun S. Vishnu	Mr.M.Vivekanandan, Adjunct Faculty,	NewGenIEDC, Rs.2,50,000/-
10.	IoT Based Drip Bottel Level Indication System	P. Melchisedec Samuel Stephen S Billigraham	F. Michael Thomas Rex, AP(SG)/MECH, C. Balamurugan, AP/ECE.	NewGen IEDC Rs.2,50,000/-
11.	Development of a Degrading Machine to Dispose the Non-Degradable Plastic Waste	M. Pravin, M. Subramani, A. Sakthi	Dr. K. Manisekar, Prof./MECH, Dr. B. Annaraj, Prof./S&H	NewGen IEDC Rs.2,50,000/-

Sl.No.		Name	Guide	Funding
12.	Seed Injection Machine	N. Nissan Prabhu, S. Mohamed Meeran, G. Prakash, E. Dinesh Jefferson, S.R. Sivaramakrishnan	Dr. P. Hariharasakthisudhan, AP/MECH C. Balamurugan, AP/ECE	NewGen IEDC Rs.2,50,000/-
13.	Table-Top Pounder for Brown Rice Making	S.Prem Kumar, R.Shri Raam, A.Srivatsan, P.Muthukumar, T.Sivaprakash, M. Renganatha Pandiyan,	K. Thoufiq Mohammed, AP/MECH Dr. S. Tamilselvi, AP/ECE,	NewGen IEDC Rs.2,50,000/-
14.	Smart I Gate	M. Velprakash, A. Shiva, R. Selvaganeshan, J. Poneeswar, Sabu Verma	K. Sudalaiyandi, AP/MECH, L. Jerart Julus, AP/IT, V. Jackins, AP/IT, Dr. S. Vimal, AP/IT	NewGen IEDC Rs.2,50,000/-
15.	Coconut Partial Dehusker	R.Ranjith, K.Sankar Ganesh, G.Ponmullai Narayanan, S.Rakul, P.Sarathkumar	Mr.S.Pandiaraj, Adjunct Faculty, Mr.M.Karuppaiah Rajkumar, AP	NewGenIEDC, Rs.2,50,000/-
16.	Water Tank Cleaning Device	G.Ramaiah, A.Selvakumar, M.Prabukannan, Sankarakumar, K.Rakesh	Mr.S.Pandiaraj, Adjunct Faculty, Mr.P.Harihara Sakthi Sudhan, AP	NewGenIEDC, Rs.2,50,000/-
17.	Multipurpose Domestic Cleaner	S.Shunmugasundaram, K.Ayyappan	Dr.D.Ravindran, Professor	NewGenIEDC, Rs.2,50,000/-
18.	Development Of Hear Resisting Panels For Cold Storage Using Residue From Water Treatment Plant	S. Muruganantham, S. Sankarapandi, S. Mohana Sundaram, S. Mohamedhussain	Dr.I.Sankar, AP(SG)/Mech	Tamil Nadu State Council for Science and Technology (TNSCST), Rs.10,000/-
19.	Energy Metrics and Performance Enhancement of Photovoltaic modules for residential Green buildings	D. Harikishan G Suriyanarayanan	Dr. P. Ramanan AP(SG)/Mech	Tamil Nadu State Council for Science and Technology (TNSCST), Rs.7,500/-

iii. List the distinguished alumni of the department

Sl.No.	Name of the Distinguished Alumni	Details of Occupation
1	Dr.K. Subburaj	Assistant Professor, Engineering Product Development

		(EPD), Singapore University of Technology and Design (SUTD),20 Dover Drive, Singapore 138682.
2	Mr.M.Rajkumar	Manager, Bharat Electronics Limited,Industrial Engineering Department, Bangalore
3	Mr.S.Suresh	Vice President, Manufacturing, Wheels India Limited, Chennai
4	Mr.V.Bhaskar	Project Manager, Ford Motor Company, USA
5	Mr.K.Ramesh	Deputy General Manager, M/S. TVS & Sons Ltd, Construction Equipment & Material Han
6	Mr.G.Gurusamy	General Manager, Operations, Schlumberger group of company, Mumbai
7	Dr.A.Arokiarajan	Professor, Department of Applied Mechanics, IIT Madras, Chennai
8	Mr.G.Kannan	Deputy General Manager,Ramco Cements Limited, Ariyalur.
9	Mr.P.R.Sutharsan	Proprietor, Precision storage vessels limited, Chennai
10	Mr.Inico Inbaraj	Proprietor, Bommi's Garments, Rajapalayam
11.	Dr. K. Murugan	Scientist –E, Centre for Engineered Coatings (CEC), ARCI, Hyderabad.
12.	Mr.P.Muniyandi	Principal Scientific Officer, Bharat Earth Movers Limited, New Thippasandra, Bengaluru
13.	Mr.P.S.Sriram	Vice President – Operations (Plant – Head), Daimler India commercial vehicles, Chennai.
14.	Dr. N. L. Parthasarathi	Scientific Officer, E, Metal Forming and Tribology Section, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam.
15.	Mr. Solairajesh	IDBI Bank Job - Assistant Manager
16.	Mr. Marsal	Data Patterns (India) Pvt. Ltd., Chennai - Mechanical Product development Engineer
17.	Mr. G.Raja	St.John freight systems Exports ltd. Tuticorin
18.	Mr. E. Sushil Sivanesh	Mechanical Designer, 2MT Mining Products, Mackay.
19.	Mr.M.Ganesh Thirunavukkarasu	Regional Head - Academic Interface Programme, Tata Consultancy Services, Chennai
20.	Mr.Masthan Abukani	Launch and Change Engineer,BMW, USA
21.	Mr. T.Raj Nirmal	Sr. Manager, HCL Axon Technologies Inc.,Canada
22.	Mr. S. Subash	NDT Coordinator (QA/QC), Poratha corporation sdn bhd, Malaysia
23.	Mr.K.Monickavasagom	Principal Scientist/Propulsion Division, CSIR - National Aerospace Laboratories, Bangalore
24.	Mr. Masthan Abukani	Launch and Change Engineer, BMW, USA.
25.	Mr. T. Raj Nirmal	Sr. Manager, HCL Axon Technologies Inc, Canada.
26.	Mr. Kapil Murugan	Renault India Pvt. Ltd., Program Quality (IAQ), Chennai.
27.	Mr. A. Aswinsriram	Manager-Research & Development, Vehicle Desgn-2 wheelers, BajajAuto ltd., Pune.

Name of the Department	Electronics and Communication Engineering		
Name of the Course	B.E. Electronics and Communication Engineering		
Level of Course	UG		
1st Year of approval by the Council	1984		
Year wise Sanctioned Intake	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	120	120	120
Year wise Actual Admissions	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	114	120+9*	112+11*
Cut off marks – General quota	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	165.5	165.5	176.5
No. of Students passed with Distinction	**2019-2020**	**2018-2019**	**2017-2018**
	34	34	44
No. of Students passed with First Class	**2019-2020**	**2018-2019**	**2017-2018**
	63	71	62
Students Placed	**2019-2020**	**2018-2019**	**2017-2018**
	103	62	50
Average Pay package, Rs./Year	**2019-2020**	**2018-2019**	**2017-2018**
	3.00 Lakhs	3.30 Lakhs	3.20 Lakhs
Students opted for Higher Studies	**2019-2020**	**2018-2019**	**2017-2018**
	3	6	11
Accreditation Status of the course	Accredited		
Doctoral Courses	Yes		
Foreign Collaborations, if any	Patent Filled Collaboration with Research with Dr.Jalel Ben-Othman, University of Paris13, Paris - 93430, France. Title: A SYSTEM FOR DETECTING ZERO-DAY AND SPEAR PHISHING ATTACK, AND METHOD OF WORKING THEREOF Application No.201941053278 A International Collaborative Research with Dr.Jalel Ben-Othman, University of Paris13, Paris - 93430, France. M. Satheesh Kumar, K.G.Srinivasagan and Jalel Ben-Othman, "Sniff-phish: A novel framework for resource intensive computation in cloud to detect email scam", Transaction on Emerging Telecommunication Technologies., 2019 Wiley https://doi.org/10.1002/ett.3590.		
Professional Society Memberships	IETE, IEEE, IE, IEEE, ISTE		
Professional activities	**IETE** 1. Guest Lecture on "(i)Career after graduation (ii)Audio/Video		

	streaming for second year students by Mr.M.Ananthan, CEO, Thedal App India Ltd, Hosur, Mr.A.Ganesh Kumar, Director, Thedal App India Ltd, Hosur on 02.03.2021
	2. Guest Lecture through online mode on "Communication networks and security issues" for II, III year students by Mr.GowthamKannappan, Security Engineer, Ernst and Young Technology, Chennai on 20.02.2021 through online mode.
	3. 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.
	4. Guest Lecture on "Nano Electronics" by Dr.P.Vimala, Asso.Prof/ECE, Dayananda Sagar College of Engineering, Bangalore on 05.07.2020.
	5. Career Guidance Program on "higher Studies-Abroad: Procedures and Preparations" by Mr.A.Krishnan on 09.08.2019.
	6. Workshop on "Facilitating Networks: A Practical Discussion" from 09.03.2020 to 11.03.2020.
	7. Technical quiz for IETE students on 13.03.2020.
	IEEE
	1. Inaugural function of IEEE Students' Branch was presided by Dr.D.NIRMAL, M.E., PH.D., SMIEE. MISTE., C.ENG(1) on 20.08.2019.
	2. A seminar on "Data Breaches and Safe Computing", by Mr.M.Satheeshkumar, AP(SG)/ECE on 05.03.2020.
	3. A Webinar on "Internship and career readiness" by Dr.B.Priestly Shan, Professor & Dean School of Electrical, Electronics & Communication Engineering, Galgotias University, Greater Noida, Uttar Pradesh on 23.5.2020.
	4. IEEE Student Branch Madras section sponsored Two Days

	National Level Workshop On "Deep Learning with MATLAB", Resource Persons: Mr.Suraj Gawande Sr. Engineer of MATLAB Technical Team at DesignTech Systems Pvt. Ltd., Pune, Dr. Jyoti Pratap Singh Associate Professor, NIT, Patna, Dr.L.Kalaivani, Prof./EEE NEC, Kovilpatti, Date: 12.11.2020 & 13.11.2020. 5. A Webinar on "5G Technologies" by Dr. M. Surendar, Assistant professor, Department of ECE, National Institute of Technology, Puducherry on 15.02.2021. **IE** 1. PAPER PRESENTATION for II and III year students on 31.08.2016. 13 Third year students presented their Recent Advancements in the field of Electronics and Communication. 2. TECHNO CONNEXURE" from IE(I)-Student's Chapter for Second and third year students of ECE department on 29/09/2016. 3. CAREER GUIDANCE PROGRAM for Third year students. Final Year ECE students Unnikrishnan, Oshinjudinamary and Sundaralakshmi guided the prefinal year students for their placement 0n 02.02.2017 4. Technical Lecture on "Applications of Internet of Things in real world" 50 Third Year and Final year B.E students were participated in the Technical Lecture. Chairperson: Dr. P.VIJAYAKARTHIK M.E., Ph.D, Professor and Head, Department of Information Science and Engineering, Sir M. Visvesvaraya Institute of Technology, Bangalore on 10.02.2017. 5. Seminar on "Recent Trends in Network Security" Third and Final Year Students attended the Seminar. On 25.08.2015. 6. Guest lecture on "A perspective on Wireless Sensor Networks" Final year students attended the guest lecture on 28.12.2015. Chairperson:

	Dr. ShirshuVerma, Prof./IT Department, IIIT- Allahabad.
	7. TECHNICAL QUIZ Preliminary round was conducted for the registered students. 20 students were selected for the final round. 02.01.2016
	8. CAREER GUIDANCE PROGRAM on 29.01.2016 for Third year students Final year students SuriaRevanth, Aruna.S, Sathiyamoorthy, FahmithaBhanu, Final Year ECE guided the prefinal year students for their placement.
	9. PAPER PRESENTATION on 23.02.2016 for II and III year students. 15 Second year and Third year students presented their Recent Advancements in the field of Electronics and Communication
	10. Technical Lecture on "Analog and Digital VLSI Design Issues, Challenges and Development" on 16.03.2016. 30 Final Year M.E and B.E students has participated in the Technical Lecture. Chairperson: Dr. RAJIB KAR, Assistant Professor, REC/NIT –Durgapur
	11. 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.
	12. Dr. J. KluttoMIlleth, Chief Technologist, CEWIT, Chennai has delivered a guest lecture on "Massive MIMO in 5G Systems on 02.06.2020.
	13. 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.
	14. Mr. Renjith George,Technical Manager, Tata Elxsi, Trivandrum has delivered a guest lecture on "Recent Trends in Automotive Embedded Systems" on 05.03.2021.
	15. Dr. N. Sriraam, Professor & Head (Medical Electronics), M.S. Ramaiah Institute of Technology, Bengaluru has delivered a guest

	lecture on "Recent Trends on Bio-signal Processing" on 14.06.2019.
	16. IE(I) TALENT EXPO 2019 : Various events such as Mini Project demonstration, Panel Discussion, Technology Presentation are Technical & Non-technical quizzes were conducted to the students of ECE department on 07.09.2019.
	17. Mr. G. Karmegam, Director, Gate Forum Madurai has delivered a guest lecture on "GATE Awareness Program" on 03.02.2019.
	18. Workshop on Career Development on Communication Technology Resource Person: Dr. S. Tamil Selvi, Professor (ECE), Mr. B. Ganapathy Ram, Assistant Professor (ECE) on 14.03.2020.
	19. Paper Presentation & Technical Quiz Competition on Communication Engineering and Signal Processing on 14.03.2020.
	20. Inaugural function of IE(I)-EECE Students' chapter was celebrated at ECE Smart classroom.. Office bearers of IE(I)-Students' Chapter of 2017-18 was installed on 14.07.2017.
	21. TECHNO CONNEXURE was conducted on 29.08.2017 for 2nd and 3rd year students.
	ECE Association:
	1. Webinar on "Career after 12th" by Dr.J.Klutto Milleth, Chief Technologist, Centre of Excellence Wireless Tech, Mr.R.Muthiah Pillai, Managing Director, Bits Computers, Dr.P.Essaki Muthu,Chief Scientist, River Silica Technologies on 31.05.2020.
	2. Web Series on Programming Environment by Mr.A.Prabhu Anand, Biznet Learning Solutions from 19.05.2020 to 23.05.2020.
	3. Webinar on cyber security by R.Ravishnkar, Assistant Vice president, K7 Academy on june, 2020.

	4. Mr.Anand Muthaiah, Tessolve Semi conductor Pvt.Ltd., and his technical team of 15 members visited Department of ECE on 07.06.2018. They met all the faculty members and briefed about the industrial expectations of chip testing company.
	5. Mr.D.Surendranth, Scientist-Rtd, ISRO,Bangalore has visited our institution and acted as a Chief Guest for the Inauguration of ECE Association on 25.06.2018. He also delivered a guest lecture on "Career Opportunities for Engineers in Communication Domain".
	6. Mr.John Rupert, verification Engineer, Cadence Pvt.Ltd., Bangaluru, has delivered a special lecture on "Circuit Theory and Systems" on 22.09.2018 for the final year students of ECE department.
	7. Mr.Srinivasan Selvaganapathy, Senior Specialist – standardization, Nokia Bell Laboratory, Bengaluru has delivered a guest lecture on "5G Technologies" to the third year and final year students of ECE on 04.08.2018. He also met the faculty members of the department and discussed about updating curriculum.
	8. Mr.Neelakandan Eswaran, Technical Unit Manager, Altran, Bengaluru has visited our institution on 01.09.2018 and delivered a guest lecture on "Recent Trends in VLSI" for the III year students of ECE department.
	9. Mr.L.Shahul Hameed, Head of Engineering, Robert Bosch Pvt Ltd, Coimbatore has visited our Institution on 14.09.2018 and acted as a Chief Guest for Electronica2k18 Intra College Technical Symposium.

		10. Mr. Narayanaswamy, Mr. Pramod Singh and Ms. Madhavi from ALTRAN Technologies Pvt. Ltd., Bangalore are handling industrial oriented one credit course on "Memory Built-in-Self-Test" for the final year Electronics and Communication Engineering students. **ISTE** 1. One day workshop on PROFICIENT DOCUMENT WRITING USING LATEX on 02.09.2017 2. One day Training Programme on "Teaching Learning Process to Meet Course Outcomes" on 16.07.2016 3. One day workshop on "OUTCOME BASED EDUCATION" on 05.09.2015
Consultancy activities		NIL

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

Title of the Project	Sanctioned Agency	Amount	Duration	Status
Study on Non-cooperative Target Classification algorithm using Statistical Techniques	DRDO	Rs. 9,85,000.00	2016 - 2018	Completed
Artificial Intelligent based Computer aided detection for medical application	IGCAR	Rs.15,83,040.00	2012 - 2015	Completed
Fully Automated Coconut Harvesting Machine	DST (IDP)	Rs.24,41,360.00	2015-2018	Completed

Departmental Achievements:

NEW GEN IEDC

Student Project Achievements

Criteria	Year	Student Name	Project Title	Funding Agency
Funded Student Projects (UG)	2017-18	Mr.ArunKumar H.R, Mr.Balasubramani.M Ms. Meenakshi murugappan	HUMANLESS MONITORING OF HYDROPONIC PLANTS	NewGen, IDEC
		Ms. S. AnnaLakshmi, Ms. M.Anugraha, Mr.S.SundarRajan, Mr.P.Ramprasath Mr. M.Vishnu	REFLECTOMETRY BASED NONINVASIVE DIAB-NOSIS (RND) DEVICE	NewGen, IDEC

	2018-19	Ms.M.Deepalakshmi Ms.M.Muthuudhaya Ms.S.J.Nivedita, Mr.M.Ramasubbu	LOW-COST HEARING IMPAIRMENT SCREENER	NewGen, IDEC
		Mr.J.Kishore Mr.T.Karthikeyan Mr.R.Madhavdinesh	NEONATAL SUITE	NewGen, IDEC
	2019-20	G.Prakash. E.Dinesh Jefferson , S.R.Sivaramakrishnan	SEED INJECTING MACHINE	NewGen, IDEC
		Ms.A Ameena Shaheen Ms.T Deepika, Ms.PGanaga Devi Ms.S K Padma Parvathi Ms.RRamalakshmi, Ms. K Rinikeerthana	FOREIGN OBJECT DETECTION AND TRACKING IN HUMAN BODY DURING SURGICAL OPERATION	NewGen, IDEC
		Mr. Aasif Mohammed M B Mr. Sudhakar. J	IOT BASED SMART SALINE LEVEL MONITORING	NewGen, IDEC

MSME PROJECT

Product titled "Intelligent Prosthetic Leg" supported by MSME, New Delhi worth of Rs.6,50,000/- is carried out in collaboration with SSV Transformers, Chennai.

SMART INDIA HACKATHON

- Student project titled "Automatic Railroad Cleanbot" has been selected for the second round of Smart India Hackathon 2018.
- Students participated in the Final round of Smart India Hackathon 2019 – Hardware Edition and developed a prototype "Cognitive Asset Tracking System".
- Students participated in the Final round of **Brakes India Hackathon Event** on 22nd January, 2020.
- Student project titled "Internet of Drones for Disaster Management" has been selected for the second round of Smart India Hackathon 2020.

DETAILS OF MOUs SIGNED

S. No	MoU Title	Name of the Industry	Contact No of Industry	Email id of Industry	Validity
1	MoU for Internship, Training, Projects Collaboration, Workshops, Expertise Sharing and Other Allied Academic and Research Activities.	Digital Shark Technologies, Bengaluru.	+91 80 2977 2666	info@digitalshark.in	2018-2020
2	MoU for Internship, Project, Placement, Expertise Sharing and	QAssure Technologies, Singapore	+6508180 1545	ddhana@qassure.com	2018-2020

	Other Allied Academic Activities.				
3	MoU for Internship and Placement	Nanolitho Technologies Pvt. Ltd., Bengaluru	+91 7829370000	contactus@nanolitho.com	2018-2021
4	Training Partner Agreement Between Tessolve & National Engineering College, K.R. Nagar, Kovilpatti	Tessolve Semiconductors Pvt. LTd., Bengaluru	+91 80 4181 2626	rajakumar.d@tessolve.com	2019-2021
5	NEC-Mistral R&D Lab	M/s Mistral SolutionsPvt	+91-80-4562 1100	info@mistralsolutions.com	2019-2020

Distinguished Alumni:

S.No.	Name of contact person	Designation	Institution	Email ID	Mobile No.
1	Mr.Godwin Gnanaraj	Director(Engineering)	Doordharshan, Tiruchur	ggnanaraj @yahoo.com	9994069329
2	Mr.Prabhakaran Murugaiah	Chairman	Tiliconveli Tech Park, Tirunelveli	prabakaran.murugaiah@gmail.com	8807261964
3	Mr.J.Senthil Rengarajan	Scientist	ERDE, DRDO, Bengaluru	jsenthil31 @gmail.com	9480261220
4	Mr.Ponnambalam, 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.SriRaam	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.Mal Mathan Raj	Assistant Professor, ECE	NIT Trichy	malmathan@gmail.com	7639972187
10	Mr.S.Arun	TestEngineer	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 9 999121

Name of the Department*	ELECTRONICS AND COMMUNICATION ENGINEERING		
Course	M.E. Embedded Systems Technologies		
Level	PG		
1st Year of approval by the Council	2012		
Year wise Sanctioned Intake	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	18	18	18
Year wise Actual Admissions	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	10	7	10
Cut off marks – General quota	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	27.49	26.07	-
% Students passed with Distinction	**2019-2020**	**2018-2019**	**2017-2018**
	70	50	37.8
% Students passed with First Class	**2019-2020**	**2018-2019**	**2017-2018**
	30	50	62.5
Students Placed	**2019-2020**	**2018-2019**	**2017-2018**
	-	-	-
Average Pay package, Rs./Year	**2019-2020**	**2018-2019**	**2017-2018**
	-	-	-
Students opted for Higher Studies	**2019-2020**	**2018-2019**	**2017-2018**
	-	-	-
Accreditation Status of the course	Not Applied for Accreditation		
Doctoral Courses	Yes		
Foreign Collaborations, if any	Nil		
Professional Society Memberships	ISTE,IETE,IEEE.IE(I)		
Professional activities	Nil		
Consultancy activities	Nil		
Grants fetched from various organizations	-		
Departmental Achievements :	-		
Distinguished Alumni	-		

Name of the Department	Computer Science and Engineering		
Name of the Course	BE /ME		
Level of Course	UG/PG		
1st Year of approval by the Council			
Year wise Sanctioned Intake	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	UG 120 PG 25	UG 120 PG 25	UG 120 PG 25
Year wise Actual Admissions	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	UG 120 PG 4	UG 120+7 PG 3	UG 112+1 PG 8
Cut off marks – General quota	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	UG 93.5% PG 67.3%	UG 90.75% PG 90.4% (CGPA - All Mgmt)	UG 95% PG 67%
% Students passed with Distinction	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	UG 24.19% PG 50%	UG 28.81% PG 66.67%	UG 21.48% PG 75%
% Students passed with First Class	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	UG 58.06% PG 50%	UG 53.38% PG 33.33%	UG 44.63% PG 25%
Students Placed	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	106	71	68
Average Pay package, Rs./Year	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	Rs 3,20,000/-	Rs 2,76,000/-	Rs 2,20,000/-
Students opted for Higher Studies	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	2	10	2
Accreditation Status of the course	Accredited		
Doctoral Courses	Yes		
Foreign Collaborations, if any	MOU Signed with University of Texas, Dallas		
Professional Society Memberships	IEEE-CS, IEEE-ITS, ICT Academy of India, CSI, IE(I).		

Professional activities
- IEEE ITS Madras Chapter has been organized a one day seminar on "Agile delivery models in IT Industries"
- The TECHNO QUIZ AND GROUP DISCUSSION has been conducted by Institute of Engineers (India) Student Chapter
- CSE Association has been organized a HITECH –Intra College Symposium.
- CSE Association has been organized a YAKSHA –Inter College Symposium.
- IEEE Computer Society Student Branch Chapter, has been organized two days technical workshop on "Hands On Training on Python- - WEBY'18"
- CSE Association organized an Inter College Symposium Componec'18.
- CSE Association has been organized an Intra College Symposium Hi Tech Fest'18 on 07/09/2018.
- Computer Society Student Branch Chapter organized technical workshop on workshop on "Web designing using Python".
- IE Student Branch organized two days technical seminar on "Smart Wireless Sensor Networks for health care monitoring" 06/06/2018 and 07/06/2018 sponsored by IE(I), Kolkatta.
- IEEE Madras Section Sponsored "Two Day National Level Workshop On Machine Learning Using Python" on 31.01.2020 & 01.02.2020.
- COMPONEC (Yaksha 2K19) two days intercollegiate technical symposium on 19/02/2019 & 20/02/2019.

Consultancy activities
• TATA Power SED consultancy work on "Intelligence". Consultancy work worth of Rs.3,60,000/-
• Bizplusss consultancy work on Hospital Management System developed as service during academic year 2019-2020

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

- DRDO funded project "Studies in Cellular Automata with its Applications on Cryptography". 2 Year Project, Completed. Budget: Rs.12,19,500/-
- EPICS in IEEE funded project" casTalk: A smart Cloud Platform for casual talk between normal and deaf people " 2 Year Project, Completed. Budget: Rs.5,24,402/-
- IE(I) funded project "Automated Robotic Weed Eradication system using embedded techniques" Completed. Budget: Rs. 60000/-
- NewGen - IEDC, DST Sponsored project "Design of Braille Print Suite for visually impaired people". 1 Year Project, Completed, Budget: Rs.2,50,000/-
- IE(I) has sanctioned financial assistance for the project "Intelligent Early Forest Fire Detection System with Self Energy Harvesting Wireless Sensor Network" during 2018 to 2019. Completed.Budget: Rs Rs.93,000/-
- NewGen - IEDC, DST Sponsored project "Smart Trash Bin Management System" during 2018-2019. Completed, Budget: Rs.2,50,000/-
- NewGen - IEDC, DST Sponsored project "Automatic floor cleaning robot" during 2018-2019. Completed. Budget: Rs.2,50,000/-
- AICTE sponsored project on "Development of Intelligent Pest and Disease Prediction and Forewarning System for Sustainable Cotton Production": Budget: Rs.8,20,000/-
- NewGen - IEDC, DST Sponsored project "Wi-Lock" (wireless accessible door lock) during 2019-2020. Ongoing. Budget: Rs.2,50,000/-
- DRDO, New Delhi sponsored funded project "Development and Analysis of Finite Automata based Public Key Cryptographic Schemes" from September 2020 to February 2022. Ongoing. Budget: Rs.9,78,835/-

Departmental Achievements:

- Initiative taken for Indian Institute of Bombay Remote Centre at National Engineering College, Kovilpatti, Tamilnadu.
- MoUs signed with Red Hat Academy India Ltd., Mumbai on 21/11/2018 to promote hands on training among students.
- MoUs signed with Adroit Soft India Pvt. Ltd., Chennai during July 2018 to promote internship.
- MoUs signed with UI PATH during 2019 to help students excel in Academic Alliance Program Activities such as RPA certification.
- MoUs signed with VVDN on 10/04/2020 to involve students in Industry Oriented Research and to provide intership in live projects.

Distinguished Alumni:

- Ms.Kathyaini is working as a Software Engineer in HCL, Chennai
- Mr. P.Ponnurajan   is working as a Assistant Professor in South Africa University, South Africa.
- Ms. Maria Justin Mary is working as a Software Engineer in Honeywell Pvt.Ltd. Madurai
- Ms.Sasi Megala is working as a Software Engineer in CSC Pvt.Ltd, Chennai.
- Mr.Arjun is working as a Assistant Professor in Anna University, Villupuram.
- Mr. Madhu Kumar, Founder & CEO, Amadis Technologies Inc., New Jersey, USA, Batch (1988)
- Mr. Uma Shankar, Vice President, CTS, Hyderabad, Batch(1991)
- Mr.C.Somu chockalingam,President,Doyensys Software Private Ltd,Chennai,Batch(1994)
- Mr.V.Manikanda Raman, Principal Architect, Intelligent Process Automation Cognizant Technology Solutions, Chennai, Batch(1999)
- Mr.Rajasekar,MD, Bizplus Tech Services Private Limited, Chennai, Batch (1989)
- Mr.Muthaiya Pillai, MD, Bits Systems, Tirunelveli, Batch (1988)

Name of the Department*	**ELECTRICAL & ELECTRONICS ENGINEERING**		
Course	**B.E ELECTRICAL AND ELECTRONICS ENGINEERING**		
Level	**UG**		
1st Year of approval by the Council	**1994**		
Year wise Sanctioned Intake	**2020 - 2021**	**2019 – 2020**	**2018 – 2019**
	60	60	120
Year wise Actual Admissions	**2020 - 2021**	**2019 – 2020**	**2018 – 2019**
	55	55	87
Cut off marks – General quota	**2020 - 2021**	**2019 – 2020**	**2018 – 2019**
	Min.: 83 & Max.: 185	Min.: 81 & Max.: 175	Min.: 75 & Max.: 184.75
% Students passed with Distinction	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	21.61% (29/134)*	20.57% (29/141)	27.34% (38/139)
% Students passed with First Class	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	55.22% (74/134)*	64.54% (91/141)	62.59% (87/139)
Students Placed	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	79	68	72
Average Pay package, Rs./Year	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	2,32,716	2,36,173	2,30,735
Students opted for Higher Studies	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	3	10	18
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
	    ➢ Kayaar Exports (P) Ltd., Kovilpatti
	    ➢ CM Enviro Systems, Banglore
	    ➢ Apex Design Center, Coimbatore		

Grants fetched from various organizations	➢ 8 number of students project worth of Rs. 20 Lakhs has been sanctioned by NEWGEN – IEDC. ➢ 2 number of students project worth of Rs. 0.1 Lakhs has been sanctioned by Institute of Engineers (India). ➢ A funded Project for an amount of Rs.4.45 Lakhs has been sanctioned under UGC scheme for the research work entitled "Real Time Implementation of PID Controller for Single Phase Buck-Boost Power Factor Correction Converter using Evolutionary Computation". ➢ A funded Project for an amount of Rs.9.75 Lakhs has been sanctioned under AICTE –RPS scheme for the research work		

	entitled "Tuning of Nonlinear PID controller for TRMS using evolutionary algorithm".
	➢ A funded Project for an amount of Rs.9.45 Lakhs has been sanctioned by Defense Research & Development Organization (DRDO), New Delhi for the research work entitled "Four Quadrant Operation of Switched Reluctance Motor with single Controllable Switch".
	➢ Conference, Workshop & Seminar Grant received from AICTE, MNRE, CSIR, DST-SERB, and DRDO.
Departmental Achievements	➢ For Industrial institution interaction 10 MOU's signed with various reputed industries and agencies.
	➢ Ms. G. Shunmugalakshmi, AP/EEE has been recognized as a NPTEL "Discipline star" from NPTEL.
	➢ International research collaborations established with foreign professors from various reputed institutions.
Distinguished Alumni	✛ Ms. M. Karthika, IRS, Assistant Commissioner of Income Tax, Ministry of Finance Department of Revenue, Government of India.
	✛ Ms. Suriya, Senior Inspector, Department of Cooperation, Government of Tamil Nadu.
	✛ Mr. V. Jayakumar, Assistant Vice President, WIPRO, Bangalore
	✛ Mr. M. Ramesh, Senior Technical Engineer, Hardware Design, Data Patterns India Pvt. Ltd., Chennai
	✛ Mr. Julius Parthiban, Principal Oracle DBA at Waste Management, Texas
	✛ Ms. Nithyasree, Product Director, TCS, Chennai
	✛ Mr. Aravind, Senior Manager, CTS, Chennai
	✛ Mr. Thirumalai Murugan, Advisor, Enterprise Service Management, DXC Technology, Chennai
	✛ Mr. V. Karthikeyan, Senior Manager, Tessolve Semiconductor Pvt. Ltd., Bangalore
	✛ Mr. Guru Balaji, Manager, Hyndai Motor India, Ltd.,Chennai
	✛ Dr. M. Ganesan, Principal Architect, ALSTOM Transport India Ltd., Bangalore
	✛ Mr. Judis Sam, Lead Design Engineer, Cadence Design Systems, Bangalore
	✛ Mr.Rajesh Ananth., Manager, GE, Dubai
	✛ Mr. Muthushanmugam .A, Director, Elidi Renewable Energy Pvt. Ltd.
	✛ Mr.M.Madasamy, Senior Section Engineer, Southern Railway, Chennai
	✛ Dr. P.Madasamy, Associate Professor, Department of EEE, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi.
	✛ Dr. G. Venkatesan G., Professor, Karpagam College of Engineering, Coimbatore
	✛ Mr. E.Pitchiah, A.D, TNEB, Chennai.

- Mr. Gomathyselvi Mariappan., AEE, TANDEDCO, Salem
- Mr. C. Perumal, AEE, TANDEDCO, Tirunelveli.
- Mr. A. Muthuraja, Architect, IBM India Pvt. Ltd., Chennai
- Mr. Sibi Sukumaran, Project Manager, Infosys, Pangapara
- Mr. Muthukumar Bose., Technical Architect, Hexaware technologies, Chennai
- Mr. Gnana Prabhu Gnanaguru., MD, GD Consulting Groups, Ekkattuthangal
- Mr. Sam stephen.V, MD, E-Careerpluz Info India Private Limited, Madurai

Course	M.E. HIGH VOLTAGE ENGINEERING		
Level	PG		
1st Year of approval by the Council	2004		
Year wise Sanctioned Intake	2020 - 2021	2019 – 2020	2018 – 2019
	18	18	18
Year wise Actual Admissions	2020 - 2021	2019 – 2020	2018– 2019
	7	8	5
% Students passed with Distinction	2019 – 2020	2018 – 2019	2017 – 2018
	12.5% (1/8)	40% (2/5)	50% (1/2)
% Students passed with First Class	2019 – 2020	2018 – 2019	2017 – 2018
	75% (6/8)	40% (2/5)	50% (1/2)
Accreditation Status of the course	No		
Doctoral Courses	Yes		
Foreign Collaborations, if any	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
	  Excel Hydro Pneumatics (India), Nanguneri, Tirunelveli
	  P.S.R.Engineering College, Sivakasi
	  Kalasalingam Academy of research, Krishnan Koil
	  Mepco Schelank Engineering College, Sivakasi
	  Kamaraj College of Engineering and Technology, Virudhunagar		

Grants fetched from various organizations	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".
	  Laboratory development fund from DST-FIST scheme for high voltage engineering laboratory for the worth of Rs. 20 Lakhs.
	  4 number of students project worth of Rs. 0.6 Lakhs has been sanctioned by Institute of Engineers (India).
	  Conference and seminar Grant received from MNRE, New Delhi,		

	DST-SERB, New Delhi, and CSIR, New Delhi
Departmental Achievements	➢ Totally around 90 numbers of research articles published in reputed journals like IEEE, IET, Elsevier, Springer, Taylor and Francis, Wiley, etc., ➢ Totally around 60 numbers of research articles published in reputed IEEE and Springer international conferences. ➢ International research collaborations established with foreign professors from various reputed institutions.
Distinguished Alumni	➢ 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 ➢ Dr. Sumathi, Assistant Professor, Anna University, Coimbatore. ➢ Dr. Sudalai Shanmugam, completed his Ph.D. at CPRI Bangalore as Senior Research Fellow and working as Associate Professor at B.N.M. Institute of Technology, Bangalore ➢ Mr. Jasper Samuel, currently pursuing his Ph.D. at NIT Durgapur as Full time Research Scholar ➢ Mr. Gulasekara Pandian is working as Electrical Supervisor, HEISCO, Kuwait

Name of the Department*	**INFORMATION TECHNOLOGY**		
Course	B.Tech		
Level	UG		
1st Year of approval by the Council			
Year wise Sanctioned Intake	2020-2021	2019-2020	2018-2019
	60	**60**	**60**
Year wise Actual Admissions	2020-2021	2019-2020	2018-2019
	56+(Lateral:4)	**60+(Lateral:3)**	**55+(lateral:2)**
Cut off marks – General quota	2020-2021	2019-2020	2018-2019
	150.75	**129.75**	**161.25**
% Students passed with Distinction	2019-2020	2018-2019	2017-2018
	15 (27.27%)	**15 (27.27%)**	**19.64 %**
% Students passed with First Class	**2019-2020**	**2018-2019**	**2017 – 2018**
	31 (56.36%)	37 (67.27%)	66.07 %
Students Placed	**2019-2020**	**2018-2019**	**2017 – 2018**
	46	45	36

Average Pay package, Rs./Year	**2019-2020**	**2018-2019**	**2017 – 2018**
	Rs.3,08,684	Rs.2,65,161	Rs.2,34,854
Students opted for Higher Studies	**2019-2020**	**2018-2019**	**2017 – 2018**
	2	2	2
Accreditation Status of the course	Accredited		
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	-		
Grants fetched from various organizations with name of the agency and amount:	• Rs. 12, 19, 500 received from DRDO. • Rs. 9, 70, 000 received from AICTE. • Rs.6, 80, 000 received from AICTE (MODROBS). • Rs. 2, 79, 000 received from AICTE-ISTE. • Rs. 1, 50, 000 received from IE(I).		
Departmental Achievements:	• Two final year students emerged winners at Zoho's CliqTrix challenge, an app-building for Zoho's business communication software Cliq, held in Chennai during October 2018. • Two batch of students participated in Smart India Hackathon (SIH) 2020 final round. • Two Batch of students participated upto the finals in COVID'19 National Bio Informatics Online hackathon for full stackers contest. • NEWGEN project with fund: Completed : 02, Ongoing: 03		
Distinguished Alumni	-		

Name of the Department*	**INFORMATION TECHNOLOGY**		
Course	**M.Tech. Information technology (Information and Cyber warfare)**		
Level	PG		
1st Year of approval by the Council			
Year wise Sanctioned Intake	**2020 – 2021**	**2019 – 2020**	**2018– 2019**
	18	18	18
Year wise Actual Admissions	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**
	02	05	01
Cut off marks – General quota	**2020 – 2021**	**2019 – 2020**	**2018 – 2019**

	71%	71.2%	54%
% Students passed with Distinction	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	-	**NA**	**NA**
% Students passed with First Class	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	01	NA	NA
Students Placed	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	-	NA	NA
Average Pay package, Rs./Year	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	-	NA	NA
Students opted for Higher Studies	**2019 – 2020**	**2018 – 2019**	**2017 – 2018**
	-	NA	NA

Accreditation Status of the course	No
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	-
Grants fetched from various organizations with name of the agency and amount:	-
Departmental Achievements:	-
Distinguished Alumni	-

Name of the Department	**CIVL ENGINEERING**		
Name of the Course	**CIVL ENGINEERING**		
Level of Course	**UG**		
1st Year of approval by the Council			
Year wise Sanctioned Intake	2020 – 2021	2019 - 2020	2018-2019
	60	**60**	**60**
Year wise Actual Admissions	2020 – 2021	2019 - 2020	2018-2019
	43	**47**	**48**
Cut off marks – General quota	2020 – 2021	2019 - 2020	2018-2019
	OC - NIL **BCM – 43.5%** **BC – 83.5%** **MBC – 68%** **SC – 57.25%**	**OC - 67.5%** **BCM – 47.75%** **BC – 82%** **MBC – 68.5%** **SC – 66%**	**OC - 93.62%** **BCM – 80.62%** **BC – 83.75%** **MBC – 73.5%** **SC – 78%**
% Students passed with Distinction	2020 – 2021	2019 - 2020	2018-2019
	-	**23.88%**	**28.79%**
% Students passed with First Class	2020 – 2021	2019 - 2020	2018-2019
	-	**68.66%**	**57.58%**
Students Placed	2020 – 2021	2019 - 2020	2018-2019
	30	**26**	**25**

Average Pay package, Rs./Year	2020 – 2021	2019 - 2020	2018-2019
	13,000	**11,000**	**13,000**
Students opted for Higher Studies	2020 – 2021	2019 - 2020	2018-2019
	23	**16**	**15**

Accreditation Status of the course	**Not Accredited**
Doctoral Courses	**No**
Foreign Collaborations, if any	**No**
Professional Society Memberships	**IE (I) – Institution of Engineers (India)**

Professional activities

- Technical Paper Presentation for II Year civil and III year civil Students
- Technical quiz for II YEAR
- Technical connections for civil students
- Memory challenging for civil students
- Guest lecture on access to journal for final year students
- Video presentation for civil students
- Poster presentation for civil students
- Technical talk for civil students
- Career Development Program for III and IV Year ECE Students
- GATE Methodology for II year student
- Group Discussion
- code cracking
- Alumni Talk on GRE and GMAT for II Year and III Year civil Students
- SUDOKU
- CADD Drawing

Consultancy activities

Soil Lab – **Rs. 1800/- (2018 – 2019)**

Rs. 31,550/- (2019-2020)
Rs. 9450/- (2020- 2021)

Concrete Lab – **Rs. 26050 (2018-2019)**
Rs. 14100 (2019-2020)
Rs. 10650 (2020-2021)+Rs. 7650

Grants fetched from various organizations with name of the agency and amount:
AY 2018-2019

- Our department faculty **Mr. P. S. Naufal Rizwan** received **Rs. 2.5 Lakhs** from **NewGenIEDC** for developing a new product

AY 2019-2020
Nil
AY 2020-2021

- Two of our department faculty members **Mr. M. Franchis David** and **Ms. B. Anitha** got

  Rs. 2.5 Lakhs fund from the **NewGenIEDC** for their product development.

One of our faculty member **Dr. A. Cyril Thomas** got an industrial research project worth of
Rs. 5 Lakhs from **M/s. Teemage Precast In, Tuticorin**.

Departmental Achievements:
STUDENT ACHIEVEMENTS

AY 2018-2019

- Ms.A.Gayathri batch (2014-2018) joined MS and Phd integrated program in IIT Madras in the academic year 2018.

- Ms.K.Suhaachine, Ms.S.Petchiammal, III Civil secured first prize in "Reconnoiter" event conducted by department of Civil Engineering, Ramco Institute of Technology, Rajapalayam during August 31st 2018.

- Ms.B.Kanimozhi and Ms.R.VishnuPriya, III Civil secured second prize in "Secret World" event conducted by department of Civil Engineering, Ramco Institute of Technology,Rajapalayam during August 31st 2018.

- Mr.G.Prithviraj, Mr.R.Pushpa,Mr.K.Mahendran, Mr.C.Mariappan and Ms.I.GraceSushma, IV Civil secured first prize in "Ramco Concrete Contest" event conducted by Ramco cement at National Engineering College, Kovilpatti during August 2nd2018.

- Ms.R.ChristalSophia and Ms.G.AnithaIV Civil secured Second prize in "Ramco Concrete Contest" event conducted by Ramco cement at National Engineering College, Kovilpatti during August 2nd2018.

- Ms. M. T. Raagavi, IV Civil secured first prize in "All India Essay Writing" event conducted by Sri Ram Chandra Mission,United Nations Information Centre and Heartfulness Education

- Ms.R.Anushri Final Year Batch (2015-2019) received Best outgoing student award for the academic year 2018-2019

- Mr. Janarthanan. A Final Year Batch (2015-2019) received Best volunteer award from Junior Jaycee Wing for the academic year 2018 – 2019

- Ms.Raagavi.M.T Final Year Batch (2015-2019) received Best volunteer award from Readers Club for the academic year 2018 - 2019

- Ms.R.Pushpa and Ms.S.Chitra Final year Batch (2015-2019) and Ms.M.Vijaya Bharathi Batch (2014 -2018) have got through GATE 2019 examinations

AY 2019-2020

- 40 students were attended "PALS 2019-20 Thinkathon series" online screening exam. From that first screening process, 9 Nos of students promoted to the next round conducted in Mepco Schlenk Engineering College, Sivakasi. At the end of second phase three students from Third year were selected to participate in Thinkathon Residential workshop conducted by IIT Madras during 17th to 20th December 2019.

- 61 students from Second year attended, Blender Training (A spoken Tutorial Project, IIT Bombay funded by National Mission on Education through ICT, MHRD, Govt., of India) from IIT Bombay on 22nd January 2020 and 58 students received the certificate for completion.

- 3 Students from final year are going to do their higher education in the reputed institutions like National Institute of Construction Management and Research (NICMAR), Pune, SSN school of

Management, Chennai, AMITY UNIVERSITY, NOIDA, Uttar Pradesh.

- 5 No's of our Passed out students are selected as Assistant Engineer in Public Work Department (PWD), one of our student is selected as Junior Engineer in Railway Recruitment Board (RRB) and 2 No.s of students are shortlisted for Junior Engineer in Staff Selection Commission and they are waiting for certificate verification.

- 61 students from Third year attended, "Python software training", out of this 8 No.s of students promoted to the second phase.

- Our passed out student Ms.R.Anushri (BATCH 15-19) has become a National Level Topper in NPTEL ENTHUSIASTS – December 2019 Ranking and she cleared 8 numbers of NPTEL courses in last four semesters.

- In AY 2019-2020, our student members (8 Nos) got the overall performer award (1 st Prize) in a national level technical symposium organized by Kamaraj College of Engg. and Technology on Sep, 2019.

- One of student member presented his project work in International Conference organized by Kalasalingam University on Dec 2019

- 4 of our student members received "Innovative Student Project Award 2019" from INAE on Dec 2019

- 6 batches are submitted their ideas for SIH 2020. Out of 6, 1 batch is selected by the institute for participating in the Smart India Hackathon (SIH) 2020.

- One of student got industrial internship in L&T ECC, Chennai, a National level event organized byCEG, Anna University on Feb 2020.

- Two of our student members got 1st and 2nd prize in Code Cracking competition event (Technical Symposium) organized by GCE Tirunelveli on March 2020.

STAFF ACHIEVEMENTS

AY 2018-2019

- Our department faculty member **Mr. R.Sivasankar** have got eligible score in GATE 2018.

- Our department faculty member **Mr. S. Sebastin** have Completed "Design of Reinforced concrete structures" NPTEL Online Examination with Elite gold category.

- Four of our department faculty members have completed his NPTEL Online Examination with Elite category.

- Four of our department faculty members have got mentor certificate for their respective NPTEL Online Examination.

- In our department staff members published their work in eight reputed journals.

AY 2019-2020

- Ourdepartment faculty member **Mr**. **R.Sivasankar**have got eligible score in **GATE 2019.**

- Ourdepartment faculty member **Mr. M. Franchis David** have Completed "Design of Reinforced Concrete Road Bridges" NPTEL Online Examination with Elite gold category.

- Our department member **Ms. B. Anitha** completed an online international course (Coursera).

- Our department 10 faculty members successfully completed their NPTEL Courses.

- **13 faculty members**of our department participated in various FDP programs organized by IISC, IITs, NITs, NITTR and govt. institutes.

- Our department faculty members are published three research papers indexed in SCOPUS.

- Our department faculty members, published their research work as a book chapter.

- Our department women faculty members organized a one day program entitled Women empowerment with support of Institution of Engineers (Civil)

AY 2020-2021

- Our departmentHoD, organized an interdepartmental online training program titled **"Satellite Photogrammetry and its Application"** in association with **Indian Institute of Remote Sensing and ISRO.**

- Ourdepartment faculty member **Mr**. **R.Sivasankar** have got eligible score in **GATE 2020.**

- Two of our department faculty members **Mr. M. Franchis David** and **Ms. B. Anitha** got **Rs. 2.5 Lakhs** fund from the **NewGenIEDC** for their product development.

- One of our faculty member **Dr. A. Cyril Thomas** got an industrial research project worth of **Rs. 5 Lakhs** from **M/s. Teemage Precast In, Tuticorin**.

- Our department faculty members published **4 numbers of SCI/SCIE/WoS** indexed papers and **8 numbers of Scopus** indexed papers.

- **13 faculty members**of our department participated in various FDP programs organized by IISC, IITs, NITs, NITTR and govt. institutes.

    Two of our faculty members submitted a research project proposal worth of **Rs. 65 Lakhs** to **DST – Technology Mission Division**

	Admission quota#	Govt Quota-65%,Mgmt Quota-35%
	Entrance test / admission criteria	No Entrance As Per Tamilnadu Govt. Admission Purely Based On Plus two Physics, Chemistry, Maths Marks.
	Cut off / last candidate admitted	110
	Fees in rupees	Refer Proceedings of fee committee available in college website.
	Number of Fee Waivers offered	-
	Admission Calendar	-
	PIO quota	-

15. Infrastructural information:

Classroom/Tutorial Room facilities:

Laboratory details:

Computer Centre facilities

Library facilities:

Auditorium & Seminar Halls

Cafeteria:

Indoor Sports facilities:

Outdoor Sports facilities:

Gymnasium facilities

Placement & Training Hall:

16	Boys Hostel	Two Gent's hostels with accommodation capacity of 900
	Girls Hostel	Two Girls hostels with accommodation capacity of 900
	Medical & other Facilities at Hostel	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 and STD Facility.
17	**Academic Sessions**	
	Examination system, Year / Sem	Semester System.
	Period of declaration of results	Within two months after the completion of examinations by the University
18	**Counseling / Mentoring**	
	Career Counseling	A Separate Placement and Training Cell is functioning which provides Career counseling to all students.
	Medical facilities	Medical facility available with one part time doctor and one full time nurse
	Student Insurance	1. Amarthiya Siksha Yojana in which students' parents are insured. 2. Students (Accident) welfare policy
19	**Students Activity Body**	
	Cultural activities	Various cultural activities are arrange through Fine Arts Club, Rotaract Club and Juinior Jaycee.
	Sports activities	Indoor games and Outdoor games facilities, Students are participating in College level and University level sports meet.
	Literary activities	Students are participating in literary competitions in college level through Youth Welfare Association
	Magazine / Newsletter	NEC E-Magazine – Every month
	Technical activities / TechFest	Conferences, Symposiums and workshops are being conducted through CSI Student' Chapter, ISTE, IEEE and IE (I).
	Industrial Visits / Tours	Industrial Visits are arranged for all students every year.
	Alumni activities	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.
	Social Activities	Social activities like blood donation, public awareness etc through NSS, Blood Donors Club, Red Ribbon Club.