

# K.S.R. COLLEGE OF ENGINEERING

(An Autonomous Institution, Affiliated to Anna University, Chennai &  
Accredited by NAAC with A++ Grade (3.69) and Eligible courses accredited by NBA)

K.S.R. Kalvi Nagar, Tiruchengode – 637 215, Namakkal DT, Tamil Nadu.

Department of Information Technology

Academic Year 2022 – 23



**Collaborative International Congress on Internet Security 2022  
on 11<sup>th</sup> & 12<sup>th</sup> August - 2022 on Hong Kong.**



**M. Faritha Banu, IV Year (IT)**  
**Placed in Vibis Infosol Private Limited, Indore.**  
**Package - 10 LPA.**

**LIST OF PLACED STUDENTS**

S.No.	Register No.	Name of the Student	Name of the Employer	Salary (LPA)
1.	1921001	ABIRAMI S M	VOLANTE TECHNOLOGIES	4.00
2.	1921052	STEFFI GRAF R	VIRTUSA	5.50
3.	1921010	CHITRA S	VIRTUSA	5.50
4.	1921047	SNEKA B	VIRTUSA	5.50
5.	1921024	KAMALEE S	COGNIZANT TECHNOLOGY SOLUTIONS	4.00
6.	1921004	AKSHAYAA RAJA SHRI I T	INFINITI SOFTWARE SOLUTIONS	2.80
7.	1921030	NANDHINI S	ZIOLOGIC SYSTEMS	4.00
8.	1921030	NANDHINI S	STRADEGI SOLUTIONS	3.50
9.	1921006	ARAVIND B	TECH MAHINDRA	3.20
10.	1921015	DHURGADEVI S	VINSINFO	3.00
11.	1921006	ARAVIND B	VINSINFO	3.00
12.	1921031	NANDHINI S	VINSINFO	3.00
13.	1921006	ARAVIND B	COGNIZANT TECHNOLOGY SOLUTIONS	4.00
14.	1921050	SOWMIYA B	COGNIZANT TECHNOLOGY SOLUTIONS	4.00
15.	1921054	SUREENDHAR J	COGNIZANT TECHNOLOGY SOLUTIONS	4.00
16.	1921032	NATHEEM J	COGNIZANT TECHNOLOGY SOLUTIONS	4.00
17.	1921034	PAVITHRA M	COGNIZANT TECHNOLOGY SOLUTIONS	4.00
18.	1921015	DHURGADEVI S	COGNIZANT TECHNOLOGY SOLUTIONS	4.00
19.	1921037	PROMOTH MAHAJAN P	MACS INFOSOLUTION INDIA PVT LTD	3.1
20.	1921003	AKILA A	MACS INFOSOLUTION INDIA PVT LTD	3.1
21.	1921049	SOUNDAR M	MACS INFOSOLUTION INDIA PVT LTD	3.1

22.	1921033	NISHANTH R	MACS INFOSOLUTION INDIA PVT LTD	3.1
23.	1921033	NISHANTH R	CRATCTFLOW	1.40
24.	1921048	SOHAIL AHMED M	CRATCTFLOW	1.40
25.	1921008	BHUPESH G	CRATCTFLOW	1.40
26.	1921056	THANIYEAL P	JOY TECHNOLOGY	2.20
27.	1921060	VISHNU B	JOY TECHNOLOGY	2.20
28.	1921025	KAMALESREE P B	JUST DIAL	3.00
29.	1921038	PUSHPARAJ D	JUST DIAL	3.00
30.	1921051	SOWMIYA N	RITS CONSULTANCY	2.80
31.	1921059	VIJAY J E	SECURE W2	3.50
32.	1921053	SUMAN K S	GENLEXED SOLUTION PVT LTD	4.00
33.	1921060	VISHNU B	ACMEGRADE	4.00
34.	1921012	DHARUN B R	RANSTAD	2.00
35.	1921019	GOWTHAM D	RANSTAD	2.00
36.	1921018	GOPALAKRISHNAN S	RANSTAD	2.00
37.	1921046	SASIDHARAN S	RANSTAD	2.00
38.	1921005	ANNA LAKSHMI S	RANSTAD	2.00
39.	1921007	BALAJI R	PENTAGON SPACE	2.00
40.	1921011	DEEPAKKUMAR A	FOXCONN	1.50
41.	1921016	DINESH R	ZUCI SYSTEMS	2.20
42.	1921017	GOKUL RAJA S	NY SYSTEMS	1.50
43.	1921020	GUNALAN N	PENTAGON SPACE	2.00
44.	1921026	KAVIN KUMAR R	N DOT TECHNOLOGIES	2.40
45.	1921027	LOGESH V	FOXCONN	1.50
46.	1921036	PRASANTH R	FOXCONN	1.50
47.	1921038	PUSHPARAJ D	N DOT TECHNOLOGIES	2.40
48.	1921039	RAGUL G	PENTAGON SPACE	2.00
49.	1921040	RAHUL B	FOXCONN	1.50
50.	1921041	RAJKUMAR S	ZUCI SYSTEMS	2.20
51.	1921042	RAMESHKRISHNAN M	NY SYSTEMS	1.50
52.	1921043	RANJITHKUMAR T	FOXCONN	1.50
53.	1921044	SANTHOSH G	ZUCI SYSTEMS	2.20

### International Conferences/Symposium

S.No.	Year	Name of the Event organized	Funding Agency	Title	Number of Participants	Keynote Speaker
1.	2022 - 2023	ASDF Collaboration Sponsored International Congress on "Internet Security 2022" (ICIS2022), Hong Kong.	ASDF	Internet Security 2022" (ICIS2022	225	Dr. B. G. Geetha Professor & Director Department of Computer Science &Engineering K.S.Rangasamy College of Technology (Autonomous) Tiruchengode, Namakkal District, India.  Dr. M. Iyapparaja Associate Professor School of Computer Science and Engineering, Vellore Institution of Technology(VIT) Vellore, Vellore District, <b>Tamilnadu, India.</b>

## International Conference attended

Sl. No.	Name of the Faculty	Title of the paper	International conference	Date
1	Dr.G.Singaravel Ms.G.Dharani	Pharmaceutical Guidance System Based on Sentimental Analysis.	International Conference on Recent Trend in Science, Engineering and Management (ICRTSEM-2023)	27.04.2023 & 28.04.2023
2	Dr. G. Singaravel S.Sethupathi	Online Handyman Services	AICTE Sponsored 11th International Conference on Advanced Science and Engineering Research 2023(ASER-2023)	12 <sup>th</sup> & 13 <sup>th</sup> May, 2023
3	Dr. G. Singaravel S.Hariprasath	Quiz Website Using PHP	AICTE Sponsored 11th International Conference on Advanced Science and Engineering Research 2023(ASER-2024)	12 <sup>th</sup> & 13 <sup>th</sup> May, 2023
4	Dr. G. Singaravel	Light Fidelity Technology	AICTE Sponsored 11th International Conference on Advanced Science and Engineering Research 2023(ASER-2025)	12 <sup>th</sup> & 13 <sup>th</sup> May, 2023
5	Dr. G. Singaravel Mr.S.Gowtham	Credit Fraud Detection Using Machine Learning Algorithm	AICTE Sponsored 11th International Conference on Advanced Science and Engineering Research 2023(ASER-2026)	12 <sup>th</sup> & 13 <sup>th</sup> May, 2023

## Patents Details

<b>2022-2023</b>					
1.	Dr.G.Singaravel Dr.K. Balamurugan Mr.S.Gowtham Mr.T.Saran Sujai Mr.E.Madhorubagan Mrs.M.Kalaichelvi Mr.O.K.Gowrishankar	Dr.G.Singaravel Dr.K. Balamurugan Mr.S.Gowtham Mr.T.Saran Sujai Mr.E.Madhorubagan Mrs.M.Kalaichelvi Mr.O.K.Gowrishankar	IOT Based traffic Control and Monitoring System to Avoid Accident and Smart Spacing for Ambulance Service	202241070705	Published

## List of Research Scholars Completed Ph.D

S. No.	Register No.	Name of the scholar	Date of Registration	Date of viva-voice	University	Title of the Research work	Name of the Supervisor	Internal/ External	Full/Part Time
1.	18244697159	Revathi M	22.06.2018	24.05.2023	Anna University	Investigations on Effect Classification of Alzheimer Disease Using Cuckoo Search Based Wavelet Filter BANK Selection Algorithm with Cuckoo Search Adaboost Classifier	Dr. G. Singaravel	External	Part Time
2.	1524469608	Nandhini S	25.06.2015	11.08.2022	Anna University	An Attempt on Enhancing Energy Efficient in Different	Dr.S.Nithya Kalyani	External	Part Time

## List of Fund Received for Organizing Events

S. No.	Name of the Event organized	Duration	Source of Funding	Amount Sanctioned
1.	Energy Efficient and Decarbonisation Technologies	05.06.2023 to 09.06.2023	NITTTR, Chandigarh	Rs. 12,000
2.	Promotion Activities for Outgoing Students	03.05.2023	Department of MSME Entrepreneur Development and Innovation Institute Tamil Nadu- (EDII-TN)	Rs. 10,000
3.	ASDF Collaboration Sponsored International Congress on "Internet Security 2022" (ICIS2022), Hong Kong.	11.08.2022 & 12.08.2022	ASDF	Rs.50,000

## Publications

S. No	Name of the Author(s)	Title of the paper	Name of the Journal	Vol no, Issue no & PP	Month & Year of Publication	Category Q1/ Q2/ Q3/ Q4	UGC Care List/ Scopus/Web of Science/ other, mention
1.	Dr.G. Singaravel R. Dinesh, R. Myilraj, G. Ragul, T. Ranjith Kumar	Energy Efficient Task Allocation Algorithm for Fog Computing Networks	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 46-51	Apr & 2023		Other
2	K. Balamurugan S. Chitra, S. Kamalee, S. Sasidharan, M. Sohail Ahmed	Improving Task Allotment by using Deadline Resource Provisioning and Semo Algorithm in Cloud Computing	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 64-68	Apr & 2023		Other
3	Dr.S.NithyaKalyani S.M. Abirami, G.S Blessing Antony, P. Promoth Mahajan, B. Sneka	An RBF Neural Network Clustering based on Naive Bayes Algorithm	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 87-92	Apr & 2023		Other
4	Dr.S.R. Menaka V. Aboorva, P.B. KamaleSree, B. Sowmiya, N. Sowmiya	An Effective Fog-Enabled E-Health with Hierarchical Attribute Revocation using Cloud Computing	International Journal of Advances in Engineering and Emerging Technolog Impact Factor:3.43	14,1, 52-57	Apr & 2023		Other
5	S. Suganya I.T. AkshyaaRaaja Shri, S. Dheenadhayalan, B. Rahul, B. Vishnu	Face Recognition Using LSTM	International Journal of Advances in Engineering	14,1,	Apr & 2023		Other

		in Image Processing	and Emerging Technology Impact Factor:3.43	124-129			
6	S. Anguraj T. Dhileepkumar, M.A. Jaikumar, V. Logesh, R. Steffigraf	Embedding Image Using Triple Des Algorithm by Steganographic Technique	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 112-115	Apr & 2023		Other
7	K. Balamurugan S. Chitra, S. Kamalee, S. Sasidharan, M. Sohail Ahmed	Improving Task Allotment by using Deadline Resource Provisioning and Semo Algorithm in Cloud Computing	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 64-68	Apr & 2023		Other
8	Nagarajan Bhupesh, Dharun, Dhurgadevi, Gopalakrishnan	Image Encryption and Decryption using RSA Algorithm in Deep Learning	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 69-76	Apr & 2023		Other
9	B. Aravind a, S. Harikrishnan b, G. Santhosh c, J.E. Vijay d, T. Saran Suaji	An Efficient Privacy - Aware Authentication Framework for Mobile Cloud Computing	International Academic Journal of Innovative Research Impact Factor:3.19	10,1, 1-7	Apr & 2023		Other
10	R. Balaji a, A. Deepakkumar b, G. Prabhu c, P. Thinakaran d, S. Gowtham	Enhancing Network Security by using SDN Algorithm in Cloud Computing	International Academic Journal of Science and Engineering Impact Factor:3.43	10,1,1 4-19.	Apr & 2023		Other
11	S. Anna Lakshmi, S. Gokul raja, D. Pushparaj, A. Sakthivel, T. Sathishkumar	Analysis of Student Risk Factor on Online Courses using Radom Forest Algorithm in Machine Learning	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 116-123	Apr & 2023		Other

12	D. Gowtham, S. Nandhini, R. Prasanth, J. Sureendhar and E. Madhorubagan	IOT Service Improvement Through Hybrid Fog-Cloud Offloading	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 103-111	Apr & 2023		Other
13	G. Singaravel, S.Gowtham and Dharani.G	Pharmaceutical Guidance system based on sentimental analysis of chemist reviews using machine learning	International Journal of Innovative Research in Computer and Communication Engineering Impact Factor: 1.386	10,12, 8664-8668	Dec &2022		Other
14	Mrs.S.Suganya Pradeep sachin	Behaviour based malware detection using machine learning	International Journal of Innovative Research in Computer and Communication Engineering Impact Factor: 1.386	10,12, 8659-8663	Dec &2022		Other
15	T.saransujai D.Naveen Kumar	Network Attack and defence counter Measure Technology based on artificial Intelligence.	International Journal of Innovative Research in Science, Engineering and Technology Impact Factor:3.43	11,12, 14373-14377	Dec &2022		Other
16	M.Balamurugan, Chitra , Sasidharan, Sohail Ahmed	Loan Approval Prediction Model	International academic journal of Innovative Impact Factor:1.142	9,2, 35 - 38	Aug & 2022		Other
17	D. Gowtham, S. Nandhini, R. Prasanth, J. Sureendhar and E. Madhorubagan	IOT Service Improvement Through Hybrid Fog-Cloud Offloading	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	14,1, 103-111	Apr & 2023		Other
18		Pharmaceutical Guidance	International Journal of	10,12,			



	G. Singaravel, S.Gowtham and Dharani.G	system based on sentimental analysis of chemist reviews using machine learning	Innovative Research in Computer and Communicatio n Engineering Impact Factor: 1.386	8664- 8668	Dec &2022		Other
19	Mrs.S.Suganya Pradeep sachin	Behaviour based malware detection using machine learning	International Journal of Innovative Research in Computer and Communicatio n Engineering Impact Factor: 1.386	10,12, 8659- 8663	Dec &2022		Other
20	T.saransujai D.Naveen Kumar	Network Attack and defence counter Measure Technology based on artificial Intelligence.	International Journal of Innovative Research in Science, Engineering and Technology Impact Factor:3.43	11,12, 14373- 14377	Dec &2022		Other
21	M.Balamurugan, Chitra , Sasidharan, Sohail Ahmed	Loan Approval Prediction Model	International academic journal of Innovative Impact Factor:1.142	9,2, 35 - 38	Aug & 2022		Other
22	Nithyakalyani, Bhupesh, Dharun , Gopalakrishnan	Connected Health IoT	International Journal of Advances in Engineering and Emerging Technology Impact Factor:3.43	13,2, 81- 84	Aug & 2022		Other
23	Dr.S.R.Menaka Kamalee S, Rahul B Akshayaa Raaja Shri	Fine motor therapy using avatar based AI for Autism Children	International academic Institute Journal Impact Factor:1.142	09,2, 11- 17	2022		Other
24							

	T.SaranSujai Deepak Kumar, Nallasivamani, Saravanan	Employee Performance Portal	International Journal of Advances in Engineering and Emerging Technology (IAEET) Impact Factor:3.43	13,2, 73- 80	Aug &2022		Other
25	Dr.S.R.Menaka Kamalee S, Rahul B AkshayaaRaaja Shri	Fine motor therapy using avatar based AI for Autism Children	International academic Institute Journal Impact Factor:1.142	09,2, 11- 17	2022		Other
26	T.SaranSujai Deepak Kumar, Nallasivamani, Saravanan	Employee Performance Portal	International Journal of Advances in Engineering and Emerging Technology (IAEET) Impact Factor:3.43	13,2, 73- 80	Aug &2022		Other
27	Mrs.S.Suganya Dhurgadevi S Pavithra M Nandhini S	Pothole Detection using Deep learning	International Journal academic of Innovative research Impact Factor:3.43	9,2,1-4	2022		Other
28	Aboorva , Sowmiya , Sowmiya and Nagarajan	Student Syllabus Tracker	International Academic Journal of Science and Engineering Impact Factor:3.43	9,2,5- 10	2022		Other
29	Mrs.S.Suganya Dhurgadevi S Pavithra M Nandhini S	Pothole Detection using Deep learning	International Journal academic of Innovative research Impact Factor:3.43	9,2,1-4	2022		
30	Aboorva , Sowmiya , Sowmiya and Nagarajan	Student Syllabus Tracker	International Academic Journal of Science and Engineering Impact Factor:3.43	9,2,5- 10	2022		

31	Hari Krishnan, Santhosh , Vijay Sabana Yasmin	Blockchain for HealthData Management	International Academic Journal of Science and Engineering Impact Factor:1.843	9,2,23- 27	2022		
32	S.Gowtham, S.M. Abirami a, A. Akila b, P.B. Kamalesree c,	QR based Penalty Charging for TrafficPolice	International Academic Institute for Science and Technology Impact Factor:1.22	9,2,1-4	2022		Other
33	KalaiChelvi Gunalan , Kavin Kumar ,Surya .	Stock Market Prediction	International Academic Institute for Science and Technology Impact Factor:1.22	9,2,18- 22	2022		Other
34	Dinesh, Myilraj, Ranjith Kumar, Singaravel	Employee on BoardingRPA (Robotic Process Automation)	International Academic Institute for Science and Technology Impact Factor:1.22	9,2,5-7	2022		Other
35	Gowtham Natheem ,Pushparaj, ,Rajkumar, Thaniyeal, Thavanish	Virtual Campus Tour	International Academic Institute for Science and Technology Impact Factor:1.22	9,2,8- 10	2022		Other
36	KumarSakthivel Kalachelvi, Dhileep	House Price Prediction Using Random Forest And CNN Algorithm	International Research Journal of Modernization in Engineering Technologyand Science Impact Factor:2.32	4,8, 921- 925	2022		Other

37	Singaravel Steffi Graf	IOT based accident detection and ambulance rescue system	International Journal of Advances in Engineering and Emerging Technology (IAEET) Impact Factor:3.43	13,2,2 6- 40	July2022		Other
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## PHOTO GALLERY



Mr. S. Hari Prasath and Mr. G.V. Dayanidi, both b.tech information technology students, were the winners of the Half Brick Startup Connect idea of the year in the student category



S. Hari Prasath, B.Tech. - Information Technology on the successful completion of the course Jointly conducted by ROTARY CLUB of VIRUDHUNAGAR & PUNCH GURUKULAM at St. Antony's Residency, Gangaikondan And Won FLY TO SINGAPORE TICKET (August 6th to 11th) for the OUTSTANDING PARTICIPANT AWARD held between 20th January 2023 and 22nd January 2023



Collaboration With University Teknologi Malaysia (UTM), Malaysia.



**Venus International Foundation (VIFA),  
Chennai.**



**Demonstrate the Innovation  
Project to School Children  
2021 by IT Department**



e-Samudayee Entrepreneur Development Programme



Extension Activities Academic Year 2022-23