



# VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)  
(Accredited by NAAC with 'A' Grade and NBA)  
Thindal, Erode - 638012, Tamil Nadu, India.  
Email: [principal@velalarengg.ac.in](mailto:principal@velalarengg.ac.in), Website: <https://velalarengg.ac.in>  
Phone: 0424-2244201/02/03

## RESEARCH AND DEVELOPMENT - GRANTS RECEIVED

S.No	Sanctioned Date & Academic Year	Category of the Event	Title of the Project/ Seminar/ Workshop/ Conference	Agency	Convenor / Coordinator	Amount in Rs.	Status
<b>Academic Year (2016-2017)</b>							
1.	07.01.2017 & 2016 -2017	Two days National Level Seminar	Security Issues in IoT	ISRO	Dr.S.JabeenBegum Dr.P.M.ArunKumar	Rs.30,000	Completed
2.	SYM/9085/16-HRD 13.01.2017 & 2016-2017	National conference	Bio-Energy, Environment and Sustainable Technologies-A Future Approach, 16th March 2017	CSIR, New Delhi	Dr.Deepa Jananakumar/ Dr.S.Ranjitha	Rs 15000	Completed
3.	SYM/9020/16-HRD, Jan 13,2017 & 2016-2017	National Level Workshop	Application of NDT Techniques in Historical Monuments	CSIR, New Delhi	Dr.E.Ravi Mr.C.Pranesh Ms.P.Ramya Ms.R.Gowthami	Rs.41,000	Completed
4.	05.03.2017 & 2016-2017	EAC	Entrepreneurship Awareness Camp	DST-NIMAT	Mr.S.Logeshkumar (Co-ordinator) Ms.T.Mohanapriya Assistant Professor(Sr.Gr)	Rs.20,000	Completed
5.	April 2017 2016-2017	Student Project	Slope Stability analysis precautions and remedial measures of landslides on coonur in ooty district	TNSCST	Dr.E.Ravi	Rs.10,000	Completed
6.	April 2017 2016-2017	Student Project	Experimental investigation on Effect of Vermiculite in High Performance Concrete	TNSCST	Ms.A.Anitha	Rs.10,000	Completed



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7.	Lr No. TNSCST/SP S/AR/2016- 2017/1289	Student Project	Advanced Payroll Management System in Tea Plantations using Embedded Technology	TNSCST	Mr.K.Rajaram	Rs.10,000	Completed
8.	Lr No. TNSCST/SP S/AR/2016- 2017/1289	Student Project	Automation based on human stress in hospital and home	TNSCST	Ms.S.Gokulabrintha	Rs.10,000	Completed
9.	15.7.2017 – 21.7.2017	Seven day FDTP	IT6005-Digital Image Processing	Anna University Chennai	Dr.S.Mangai T.Yamunarani	Self Supported	Completed
<b>Academic Year (2017-2018)</b>							
1.	22.07.2017	Seminar	National Level Seminar on “Modern HVAC Systems for Nearly Zero Energy Buildings”	CSIR, New Delhi	Dr. S. Velumani, Prof. / Mech. & Mr. M. Gokul, AP/ Mech.	Rs.40,000/-	Completed
2.	18.08.2017 - 19.08.2017 Lr No. TNSCST/SP S/AR/2016- 2017/1289	Seminar	National Level Seminar on “Hydrogen Fuelled Vehicles”	TNSCST	Dr. R. Kumaravelan Prof. & Head / Mech. & Mr. M. Prakash, AP/ Mech.	20,000/-	Completed
3.	-	Workshop & Competitions	Kani Tamil Peravai	Tamil Virtual Academy	Ms.S.Jabeen Begum Ms.S.Kayalvili	Rs.25,000	Completed
4.	No.SYM/ 9264/17- HRD,June 23,2017	National Level Seminar	Improvement of Groundwater Management System in Erode District	CSIR, New Delhi	Dr.E.Ravi Mr.D.Sakthivel Mr.C.Pranesh Ms.R.Gowthami	Rs.30,000	Completed
5.	Ref No. 9 – 123/RIFD/ MODROB/ Policy- 1/2016 – 2017	MODROBS (Modernizat ion and Removal of Obsolescence Scheme)	Modernization of Biomedical Instrumentation Laboratory	AICTE, New Delhi	Dr.S.Mangai R.Prabu	Rs.3,00,000	Under Progress
6.	16.10.2017 Ref No.7/716	2 days	Advanced	ICMR,	Dr.S.Mangai	Rs.40,000	Completed



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	/17- Seminars (HRD) Academic Year 2017-18	Seminar 4.1.2018 & 5.1.2018	Biomaterials Applied in Periodontal Disease Management	New Delhi	S.B.Abitha		4.1.2018 and 5.1.2018
7.	25 July, 2017	FDP	Contemporary issues on Effective Teaching in Management Sciences	AICTE, New Delhi	Dr.T.Vetrivel Mr.N.Balachandran, Mr.S.Logeshkumar	Rs.6,14,230	Completed
8.	TNSCST/P OP.SCI/AR /17/2017- 2018/3171 6.12.2017	Workshop	An awareness creation program for women on selection, maintainence and simple servicing of domestic electrical appliances for energy conservation and reducing electricity bills	TNSCST	Dr.K.R.Valluvan Mr.M.Vijayan	25,000	Completed 41,09,412
9.	No.7/1112/ 17- Seminars (HRD)	Seminar	Effects on Environment and Human Health Due to E-Waste	ICMR, New Delhi	Dr.V.Lathajothi, Prof.& Head/CSE	40,000	Completed 25-26 Jan. 2018
10.	No.7/1112/ 17- Seminars (HRD)	Seminar	Prediagnosis of Tumor and lung cancer using Biosensors	ICMR, New Delhi	Dr.P.Brindha, Prof.& Head/CSE	40,000	Completed 23-24 Feb. 2018
11.	TNSCST/S PS/AR/ 2017-18 31.01.2018	Student Project	Weather Monitoring flying Machine	TNSCST	Mr.R.Gopalan, AP(Sr.Gr)/ECE	Rs.8,000	Completed
12.	TNSCST/S PS/AR/ 2017-18 31.01.2018	Student Project	Design and Fabrication of Multipurpose farm equipment for Small scale farmers	TNSCST	Dr.R.Kumaravelan, Prof. & Head/Mech	Rs.10,000	Completed
13.	TNSCST/S PS/AR/ 2017-18 31.01.2018	Student Project	Influence of social media for career growth and development among Engineering College students in Tamil Nadu	TNSCST	Dr.T.Vetrivel, Prof. & Head/MBA	Rs.10,000	Completed
14.	-	EAC	Entrepreneurship Awareness Camp	DST-NIMAT	Mr.S.Logeshkumar (Co-ordinator) Assistant	20,000	Completed



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					Professor(Sr.Gr) Ms.T.Mohanapriya (Assistant Co-ordinator) Assistant Professor(Sr.Gr)		
15.	No.7/1297/17-Seminars (HRD) 6.2.2018	Seminar	Medical Waste Management System – Control, Disposal and Safety Measures	ICMR, New Delhi	Dr.E.Ravi	40,000	Completed 27-28 March 2018
16.	SYM/9570/17-HRD Jan 08,2018	Seminar	Nano Technology for Energy Applications	CSIR, New Delhi	Mr.T.Chandrasekaran, AP(Sl.Gr)/Physics	Rs.20,000	Completed 21 March 2018
17.	SYM/9609/17-HRD Feb 21,2018	Seminar	Self Cleaning in Solar Panels	CSIR, New Delhi	Ms.P.Kirthika, AP/Physics	Rs.15,000	Completed 03 April 2018
18.	ISTE/AICTE-ISTE FDP-133248953 09/2018 March 12, 2018	Induction Program	Modern construction materials, Techniques, equipment and practices	AICTE, New Delhi	Dr.E.Ravi, Prof.& Head/Civil	Rs.3,00,000	Completed
19.	SYM/9450/17-HRD dated 11.10.2017	1 day Seminar 22.2.2018	Applications of Graph Theory in Communication Networks	CSIR, New Delhi	Ms.S.Ramya, Ap(sl.Gr)/Maths	Rs.20,000	Completed
20.	No.7/169/18-Seminars (HRD) dated 13.04.2018	Seminar	Biomaterials-based 3D cell printing for next-generation therapeutics and diagnostics	ICMR, New Delhi	Dr.M.Jayaraman	30000	Completed
21.	No.7/229/18-Seminars (HRD) dated 13.04.2018	Seminar	Advanced cermet ceramic composite for medical application	ICMR, New Delhi	Dr.M.Jayaraman Dr.N.Kanagasabapathy	30000	Completed
22.	No.7/75/18-Seminars(HRD) dated 16.03.2018	Conference 6.4.2018	Conference on Molecular Diagnostics in Personalized Medicine	ICMR, New Delhi	Dr.S.Mangai S.B.Abitha	Rs.40,000	Completed
<b>Academic Year (2018-2019)</b>							
1.	EDII/DST-NIMAT/18-19/443	EAC	Entrepreneurship Awareness Camp	DST-NIMAT	Mr.S.Logeshkumar Assistant Professor(Sr.Gr)	20,000	Completed



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	dated 03.07.2018				Ms.T.Mohanapriya Assistant Professor(Sr.Gr)		
2.	EDII/DST- NIMAT/18 -19/443 dated 03.07.2018	EAC	Entrepreneurship Awareness Camp	DST-NIMAT	Dr.S.Mangai, Prof.&HoD/BME	20,000	Completed
3.	13.08.2018	Seminar	Flow Behavior and Texture Evolution of a Lamellar Copper-Silver Composite	TNSCST	Dr.R.Kumaravelan S.C.Thiyagarajann S.Arunkumar	15,000	Completed
4.	25.2.2019 & 2018-2019	MODROB'S	Modernization and removal of obsolescence microwave laboratory	AICTE, New Delhi	Dr.K.Venkatachalam Mr.K.Senthil Prakash Mr.S.Mahendrakumar Mr.P.Senthil Kumar	14,20,000	Completed
5.	25.2.2019 & 2018-2019	STTP	Design and Development of Engineering Applications using free/Open Source Software's(FOSS)	AICTE, New Delhi	Dr.K.Venkatachalam Dr.V.Chandrasekaran Dr.P.Brindha / ECE	4,05,000	Completed
6.	04-10-2018 & 05-10-2018	All India Seminar	Advanced Techniques for Sustainable Solid Waste Management for Green India	IE(I)	Dr.E.Ravi Mr.D.Sakthivel Mr.S.Ramesh Kumar/ Civil	Rs.30,000	Completed
7.	18-02-2019	Student Project	Experimental Investigation of Behaviour of Shear Strength and Compaction Characteristics of Clayey Soils with addition of Textile Sludge and Flyash.	TNSCST	Dr.E.Ravi/Civil	Rs.7500/-	Completed
8.	18-02-2019	Student Project	Alzheimer's patient movement tracking and monitoring	TNSCST	Ms.M.Brindha AP/BME	Rs.7500/-	Completed
9.	18-02-2019	Student Project	Solar Automated Fertilizer Dispenser	TNSCST	Mr.V.Mohankumar AP/Mech	Rs.7500/-	Completed
10.	18-02-2019	Student Project	Design and Fabrication of low cost artificial leg for disable persons	TNSCST	Mr.A.Thirumoorthy AP/Mech	Rs.7500/-	Completed
11.	SYM/9808/ 18-HRD,	Seminar	One Day National	CSIR,	Dr.M.Eswaramurthi,		Completed



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	Sept.19,2018  Event conducted Date: 14.12.2018		Seminar on Fuzzy Clustering in Image Segmentation by Markovian Random Fields	New Delhi	Professor and Head Dr. C.S.Gowri , Professor/ Mathematics	15,000	
12.	YM/9863/18-HRD, Oct 22, 2018 Event conducted Date: 26.11.2018	Workshop	National Workshop on Application of Graph Labeling in Communication Networks	CSIR, New Delhi	Dr.M.Eswaramurthi Professor and Head, K. Malarkodi Valentina , AP(Sr.Gr.) / Mathematics	15,000	Completed
13.	SYM/9986/18-HRD, Dec 28, 2018 Event conducted Date: 22.03.2019	Seminar	One Day National Seminar on Applications of Mathematics in Cryptography and Information Security	CSIR, New Delhi	Dr.M.Eswaramurthi Professor and Head, R. Yamuna, AP / Mathematics	15,000	Completed
14.	SYM/10129/18-HRD, April.02, 2019 Event conducted Date: 15.05.2019	Workshop	One Day National Level Workshop on Graph – Theoretic And Algorithmic Aspects Of Social Media Networks	CSIR, New Delhi	Dr.M.Eswaramurthi Professor and Head, R.Thilagavathi, AP(Sl.Gr) / Mathematics	15,000	Completed
15.	SYM/10146/19-HRD, May 02, 2019  Event Date: 10.07.2019	Seminar	One Day National Seminar on Applications of Mathematics in Artificial Intelligence and Machine Learning	CSIR, New Delhi	Dr.M.Eswaramurthi Professor and Head, Mathematics T.Saranya, AP(Sr.Gr) / Mathematics	20,000	Completed
16.	18.02.2019 & 2018 - 19	Students Project Scheme	A study on Recycling of Grey water and Utilizing it to Agriculture land in Erode District.	TNSCST	Dr.D.Muthukrishnaveni / MBA	7,500	Completed
17.	25.02.2019 & 2018-2019	STTP	Pedagogy on Emotional Intelligence Skills for Career Growth and Success	AICTE, New Delhi	Dr.T.Vetrivel Dr. D. Muthukrishnaveni Dr.D.Aarthi/MBA	3,32,000	Completed
18.	02.05.2019	Seminar	Recent Advancement in	CSIR, New Delhi	Dr.S.Mangai Mr.S.Vigneshwaran	20,000	Completed





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			Computational Biomechanical Modeling of Joint Mechanics and Early Therapeutic Methods For Osteoporosis Using Prophylactic Vertebroplasty and Kyphoplasty Techniques		Ms. T. Yamuna Rani /BME		
19.	07.03.2019	Workshop	Recent Development in modeling of Biomedical Instrumentation Design using Molecular Dynamics and Monte carlo Technique	CSIR, New Delhi	Dr.S.Mangai Mr.S.Vigneshwaran Ms. M. Menagadevi /BME	20,000	Completed
20.	07.03.2019	Seminar	Contribution of mathematical models in biomedical imaging	CSIR, New Delhi	Dr.S.Mangai Mr.S.Vigneshwaran Ms. M. Menagadevi /BME	15,000	Completed 2444500
<b>Academic Year (2019-2020)</b>							
1.	03.07.2019	National Conference	Recent Trends In Smart Materials & Technologies in Bio Resources & Environment Safety	CSIR, New Delhi	Dr.S.Ranjitha / Physics	15,000	Completed
2.	03.07.2019	National Conference	Recent Trends In Smart Materials & Technologies in Bio Resources & Environment Safety	CSIR, New Delhi	Dr.S.Ranjitha / Physics	15,000	Completed
3.	03.07.2019	National Conference	Smart Materials Using Nano Technology & Adaptable Intelligence Systems For Energy Applications	CSIR, New Delhi	Dr.P.Brindha Ms.M.Parimaladevi Mr.V.Gowrishankar Ms.T.Sathya / ECE	31,000	Completed
4.	03.07.2019	Seminar	Offloading Process For Video Orchestration in Mobile Edge Computing	CSIR, New Delhi	Ms.V.Gomathi/IT	15,000	Completed
5.	03.07.2019	Seminar	Machine Learning For Data Science & Analytics	CSIR, New Delhi	Dr.S.Jabeen Begum Ms. D. Lavanya Ms. S. Subathra / CSE	22,000	Completed
6.	03.07.2019	Seminar	Dynamical Systems And Differential Equations	CSIR, New Delhi	Ms.T.Priya/Maths	15,000	Completed
7.	03.07.2019	Seminar	Emerging Applications Of	CSIR,	Ms.A.Ramya/Maths	15,000	Completed



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			Number Theory	New Delhi			
8.	30.08.2019	Seminar	Recent Advancement In Riemann Hypothesis Technology & Innovations In Adaptable Intelligence Systems For Bio Medical Systems Design Using Smart Materials	CSIR, New Delhi	Dr.S.Mangai Mr.S.Vigneshwaran Ms. T. Yamuna Rani Ms. M. Menagadevi /BME	20,000	Completed
9.	04.10.2019	Seminar	Artificial Intelligence Techniques and their applications in design and manufacturing	TNSCST	Dr.M.Jayaraman	20,000	Completed
<b>Academic Year (2020-2021)</b>							
1.	30.01.2020 & 2019-20	STTP	Machine Learning Techniques for Medical and Healthcare Applications	AICTE, New Delhi	Dr. S. Mangai	2,71,000	Completed
2.	13.11.20 & 2020-21	Conference	Current and Future Challenges in Point of Care Technologies: A Paradigm- Shift in Affordable Global Healthcare with Personalized and Preventive Medicine	CSIR, New Delhi	Dr. S. Mangai	22,000	Yet to Conduct
3.	18.03.2020 & 2019-20	Student Project Scheme (SPS)	Low cost Sanitary Napkin Incineration for rural and semi urban Educational Institutions	TNSCST	Dr. K. R. Valluvan	7500	Completed
4.	12.12.2019 & Series I (17.8.20-22.8.20) Series II (21.9.20-26.9.20)	STTP	Efficient & Innovative Teaching, Best practices and Learning Strategies	AICTE, New Delhi	Dr.K.Venkatachalam Dr.V.Chandrasekaran Dr.P.Brinda	3,70,000	Completed





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	Series III (19.10.20- 24.10.20) 2020-2021						
5.	22.09.2019 & 2020-21	RPS	An Investigation of Thermal Resistivities of soil profile for the installation of UG LT/HT cables and oil gas pipelines in smart cities	AICTE, New Delhi	Dr. K. R. Valluvan	3,74,509	Ongoing
6.	24.08.2020 & 2020-21	ATAL Programme	Artificial Intelligence	AICTE, New Delhi	Dr. V.K.Manavalasundaram	93,000	Completed
7.	25.06.2020 & 2020-21	AICTE STTP	Deep Learning Applications & Challenges in Big Data Analytics	AICTE, New Delhi	Dr. V.K.Manavalasundaram	3,15,733	Completed
8.	05.03.2021 & 2020-21	AICTE ATAL	Kotlin-The Next Frontier in Metaprogramming	AICTE, New Delhi	Dr. S. Viveka	93,000	Completed
9	F. No.9- 103/IDC/M ODROB/P olicy-1/19- 20 20.07.2020	MODROB	Modernization and Removal of Obsolescence	AICTE	Dr.S.Jabeen Begum Ms.K.Vijaya	11,52,941	In Progress
10	F.No. 01- App No. 158946748 5/AICTE/A TAL- HQ/20-21	FDP	Augmented Reality (AR)/ Virtual Reality (VR)	AICTE- ATAL	Dr.S.Gokulraj	93,000	Completed
11	34-66 / 152/ FDC/STTP /Policy-1/ 2019 -20 10.08.2020	STTP	Internet of Things(IoT) with Block chain – Applications and Challenges	AICTE	Dr.S.Jabeen Begum Dr. V.LathaJothi Dr.S.Kayalvili	3,36,667	Completed