



**JAI SHRIRAM ENGINEERING COLLEGE**

**TIRUPPUR – 638 660**

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## **7.3 Institutional Distinctiveness**



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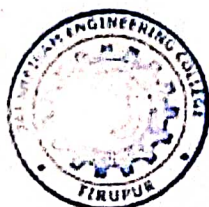


## 7.3 INSTITUTIONAL DISTINCTIVENESS

Jai Shriram Engineering College is promoted by Shenthil Velevar Charitable Trust with a motive of promoting higher education to the rural community students. Institute has a strong owned Industry as its trust members have 4 major manufacturing divisions in Coimbatore with international reputation. College is renowned for its Industry Academia Interaction. The vision and priority of Jai Shriram Engineering College gives utmost importance for the students, their education, training, skill development and successful career.

Jai Shriram Engineering College has earned the reputation of being an “Industry owned Institute”. It promotes strong interaction and collaboration with the industry for all the domains being offered, which assist the students in learning beyond the syllabus. MoU’s have been signed with the industries to uplift the students’ relationship with the industries to a higher level which afford opportunities for the students to endure Industrial training, In-plant training and Internship. One of the proudest and biggest achievements of our industry is that they have signed a MoU for Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY), MoRD, Government of India. The Institute is recognized with “**Best Engineering College**” award in Tirupur Region.

Having acclaimed as an Industry Owned Institute, JSREC has grabbed the attention of the outside industries and the education fraternity at national and international level which focuses on industrial training inside the college premises. The Institute provides more space for the students to develop their innovative skills by which their hard work gets visible in their projects. Our institute has established JSR Techno Innovation, Centre of Excellence Laboratory, Barani Technological Training Centre, IIPC and Teaching Learning Centre inside the college premises. Research oriented competitiveness are developed through Innovative projects designed by the students. Our students are well updated with the latest technological and management developments and they can easily enhance collaborative industrial research opportunities.



  
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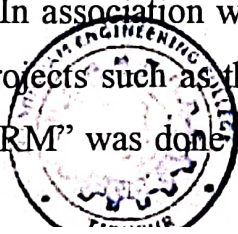


JSREC students undergo internships, industrial training through Technological Training Centre. They also undertake hands - on industrial training in various industries. Skill based training courses are certified by Government agencies. Our institution has sturdy industry institute collaboration. Experts from industry are invited to share their insights with the students on latest technologies like AI, IOT, Cyber Security, and Block Chain. Also, various training programmes are organized for the students like Certificate courses. Many events and competitions are conducted for the students every year to bring out their innovative ideas through Project Expo (NOVA) and students underwent the real time projects like Train accident prevention system, Password based circuit breaker for electrical line man safety, Project on ERP for packaging department etc.

JSREC students made projects for panasonic, Butterfly Cookers, saint gobain clutch manufacturing plant layout etc. through Barani Hydraulics India pvt ltd. Control Panel assembly was carried out by the students and faculty. They were appreciated and also received cash prizes for their projects. Our mechanical students made an E-Vehicle, “**Royal EV**” and it has become one of the prides of our institute. Trained students of JSREC are placed in leading corporate and MNCs through Barani Technological Training Centre.

Students and Faculty undertake training in industries to convert theoretical learning into practical experience. Students can equip themselves with the necessary skills-set required to perform a particular job which helps to build their self-confidence and to acquire leadership skills. Industrial training provides a platform for the students to become Industry ready graduates. Many Patents filed by the faculty and students are sanctioned. Research development programmes are organized for the faculty to motivate them to publish research papers in reputed journals and to undertake sponsored research in industries and organizations.

Barani Technology Training Centre (BTTC) & JSR Techno Innovation promoting short - term courses for core engineering and advanced technology helps to maintain strong partnership and collaboration within industries. In association with BTTC, Faculty and Students of JSREC are engaged with many industrial projects such as the project on “Hydraulic Pressing Machine Processing Animation with Robot ARM” was done for Panasonic, appreciated with cash prize.



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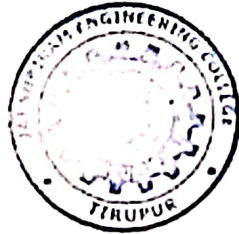
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Another major project “Hydraulic Pressing Machine Processing Animation with Pneumatic Pick and Place Arm Movement for Butterfly Cookers” done for BHIPL, appreciated with cash prize. One more project titled “Hydraulic Pressing Machine Processing Animation for Saint Gobain Clutch Manufacturing Plant Layout” was done for Saint Gobain.



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**7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

<b>S.No.</b>	<b>Particulars</b>	<b>Page.No.</b>
<b>1</b>	<b>Signing of MoU's</b>	<b>6</b>
<b>2</b>	<b>Industrial Collaboration</b>	<b>9</b>
<b>3</b>	<b>Industrial Projects</b>	<b>13</b>
<b>4</b>	<b>Paper Publications</b>	<b>35</b>
<b>5</b>	<b>Students' Achievements</b>	<b>43</b>
<b>6</b>	<b>Awards and Recognition</b>	<b>48</b>

# **SIGNING OF MoU's**



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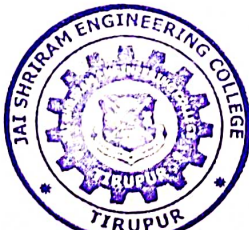
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## Signing of MoU's

S.No.	Name of the institution / industry with whom the MoU / linkage is made, with contact details	Year of signing MoU / linkage	Duration of MoU / linkage	List the actual activities under each MOU/ Linkage and web - links year-wise
1	Shree Technologies, Coimbatore	2022-2023	3 years	1.Two days workshop on PCB Design and Developing on 18.10.2022-19.10.2022.
2	M/S.Kanicad solutions, Tirupur	2022-2023	3 years	1.Certificate course on Analysing and designing of 3D models using TELA Structures on 29.04.2023-14.05.2023.
3	Authentic technology solution, Coimbatore	2022-2023	2 years	1.Value added course on Eclipse for building real time applications on 03.04.2023,04.04.2023,06.04.2023 & 11.04.2023.
4	Tool Tech, 49, 3rd P&T Colony, Kavundapalayam Coimbatore,Tamil Nadu - 641030	2022-2023	5 years	1.Seminar on Design of Jigs & Fixtures on 22.02.2023.
5	Surfine Tools, 72/2, Athipalayam road, Chinnavedampatti, Ganapathy, Coimbatore, Tamil Nadu - 641049	2022-2023	5 years	1.Students In plant Training on 26.06.2023-12.07.2023
6	Link Skill Acadmicy	2022-2023	3 Years	1.Value added course on Programming in BI tools on 03.04.2023 to 05.04.2023
7	Deccan,Coimbatore	2022-2023	8Days	Internship
8	Accent Techmo Soft,Coimbatore	2022-2023	11Days	Internship
9	Techvolt Software Pvt.Ltd,Coimbatore	2022-2023	10 Days	Internship
10	AvisTech,Coimbatore	2022-2023	9 Days	Internship

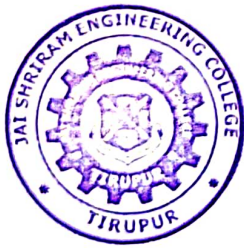


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11	Codebind Technologies,6th street Extesion,Coimbatore	2022-2023	9 Days	Internship
12	Velocity work	2022-2023	15 Days	Internship
13	Geniuine IT Solution	2022-2023	10 Days	Internship
14	Launch Web Dreams	2022-2023	10 Days	Internship
15	Nxtlogic software solution	2022-2023	7 Days	Internship
16	Marcello Tech	2022-2023	6 Days	Internship
17	Gate way software solution	2022-2023	17Days	Internship
18	Deloitte	2022-2023	12 Days	Internship
19	Coder Software	2022-2023	10 Days	Internship
20	Matrix	2022-2023	10 Days	Internship
21	LST	2022-2023	9 days	Internship



  
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# **INDUSTRIAL COLLABORATION**



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## INDUSTRIAL COLLABORATION

S.No.	Year	Name of the workshop/ seminar/ conference	Number of Participants
1	2022-2023	Seminar on Indian Scenario of Intellectual Property Rights (IPR)	133
2	2022-2023	Seminar on Entrepreneurship & Innovations for Career Opportunities (Entrepreneurship)	110
3	2022-2023	Seminar on Entrepreneurship and research Opportunities of Renewable Energy and its growth in India(Entrepreneurship)	61
4	2022-2023	Seminar on Creative Startup ideas(Entrepreneurship)	110
5	2022-2023	Seminar on How to become a successful Entrepreneur(Entrepreneurship)	266
6	2022-2023	Seminar on motivation session by successful innovator(Entrepreneurship)	113
7	2022-2023	Workshop on Entrepreneurship Skills, Attitude & Behavior Development(Entrepreneurship)	96
8	2022-2023	Seminar on High Rise Building Design(Research Methodology)	18
9	2022-2023	Seminar on Heuristic Search & Optimization Techniques in AI(Research Methodology)	52
10	2022-2023	Workshop on Cloud Computing Tools(Research Methodology)	47
11	2022-2023	Seminar on Design and analysis of Algorithms (Research Methodology)	53
12	2022-2023	Faculty development program on Data Science and Visualization(Research Methodology)	111
13	2022-2023	Seminar on Prototype/process Design and development A kick start to start up(Entrepreneurship)	63
14	2022-2023	Short Term Training Program on Recent Technologies in E Mobility and Battery Management Systems(Research Methodology)	58
15	2022-2023	Seminar on Analysis of CT Signals and its Applications(Research Methodology)	43
16	2022-2023	Workshop on Product Development using IoT(Research Methodology)	72
17	2022-2023	Workshop on Industrial Embedded Systems(Entrepreneurship)	20



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18	2022-2023	Conference on Recent Innovations in Mechanical Engineering 2022(Research Methodology)	96
19	2022-2023	Workshop on Developments in Additive Manufacturing (Research Methodology)	54
20	2022-2023	Short Term Training Program on Design of Experiments for Engineers and Researchers(Research Methodology)	67
21	2022-2023	Workshop on Designing Thinking(Entrepreneurship)	88
22	2022-2023	Seminar on Commodity Market Indicators(Entrepreneurship)	72
23	2022-2023	Workshop on Start Up Factory(Entrepreneurship)	93
24	2022-2023	Entrepreneurship Awareness Programme- Organized by Branch of MSME Development and Facilitation office, Coimbatore(Entrepreneurship)	106
25	2022-2023	Entrepreneurship development Program for Outgoing students(Entrepreneurship)	112
26	2022-2023	Intellectual property rights on Business Law(IPR)	52
27	2022-2023	Workshop On Outdoor Leadership Development program(Entrepreneurship)	52
28	2022-2023	Seminar on Excel your skills for Better career opportunities(Entrepreneurship)	47
29	2021-2022	Workshop on Analysis and Designing of Structures(Research Methodology)	25
30	2021-2022	Webinar on Machine Learning and it's Open Source Technologies(Research Methodology)	70
31	2021-2022	Webinar on Data Analytics in Electrical Engineering(Research Methodology)	45
32	2021-2022	Webinar on Life Skills and Social Entrepreneurship(Entrepreneurship)	45
33	2021-2022	Workshop on Renewable and Microgrid Design using Homer pro(Research Methodology)	25
34	2021-2022	Webinar on Corporate and Business Etiquette(Entrepreneurship)	66
35	2021-2022	Webinar on Research Opportunities in Antenna Design(Research Methodology)	29
36	2021-2022	Seminar on CAD Tools for VLSI Design(Research Methodology)	85
37	2021-2022	International Webinar on Research Strategies: tools & Methodology(Research Methodology)	21



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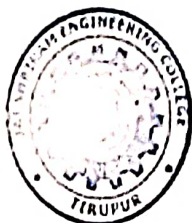
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38	2021-2022	National Conference on Recent Innovations in Mechanical Engineering(Research Methodology)	70
39	2021-2022	Seminar on Guidelines to step into publication in journals(Research Methodology)	34
40	2021-2022	Seminar on Prepare yourself as a designer and entrepreneur(Entrepreneurship)	37
41	2021-2022	National Workshop on Text Analytics Using Python (Research Methodology)	54
42	2021-2022	Webinar on Ratio Analysis(Research Methodology)	29
43	2021-2022	Seminar on Business Plan Preparation(Entrepreneurship)	62
44	2021-2022	Workshop on Intellectual Property Rights(IPR)	86
45	2020-2021	Seminar On Geopolymer Concrete(Research Methodology)	29
46	2020-2021	Webinar on Government Approval Process-Building & Land(Entrepreneurship)	32
47	2020-2021	Seminar on Research areas in Computer Science(Research Methodology)	69
48	2020-2021	FDP on Practical research insights of Map-reduce using MangoDB(Research Methodology)	123
49	2020-2021	Seminar on Big Data(Research Methodology)	18
50	2020-2021	Webinar on Emerging trends in Software testing Automation(Research Methodology)	112
51	2020-2021	Webinar on Kickstart your career as graphic designer(Research Methodology)	48
52	2020-2021	Webinar on Curbing Security threats using AI(Research Methodology)	92
53	2020-2021	Webinar on AI and it's impacts(Research Methodology)	80
54	2020-2021	Seminar on microgrid and Energy Storage(Research Methodology)	58
55	2020-2021	Seminar on softcomputing Techniques and its Applications(Research Methodology)	60
56	2020-2021	Seminar on Technical complexities in grid connected solar PV plan(Research Methodology)	100
57	2020-2021	Design and Development of Hybrid Renewable Energy System(Research Methodology)	136



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# **INDUSTRIAL PROJECTS**





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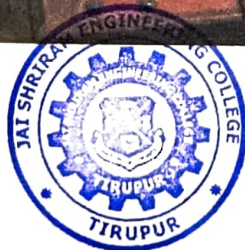
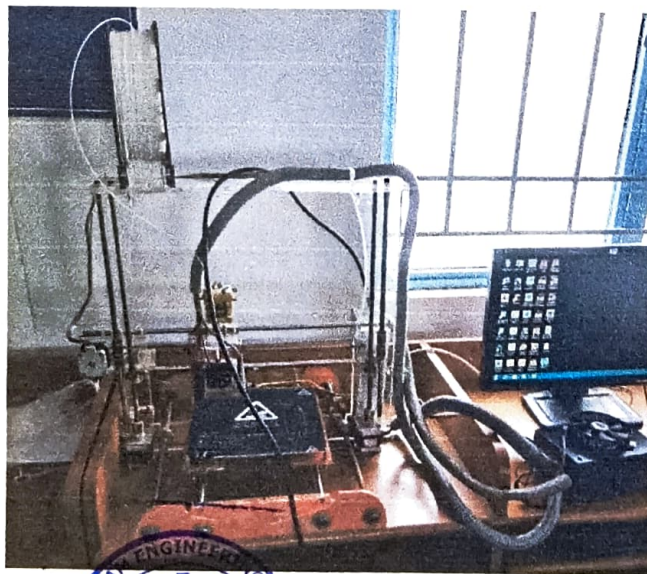
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## **3 D PRINTER**

### **Abstract**

3D printing which has turned into a remarkable point in today's innovative exchange. In this paper, we will look at additive manufacturing or 3D printing. We will firstly characterize what we mean by this term and what is so noteworthy about it. We will dive a bit into the history. At that point, we should see about the procedure of 3D printing and the materials utilized as a part of the production of 3D printed objects. We might likewise see the focal points and burdens of 3D printing. We should watch the various applications it is being out to utilize today. At last, the future capability of this innovation is illustrated. 3D printers are distinguished from other configuration and manufacturing technologies in that they provide easier, faster and less costly solutions, as well as allowing the design of complex configurations that need to overlap many normal manufacturing processes. As a result of the importance of this technology, many countries have seen the importance of spreading awareness of its importance in addition to training students on how to use it. 3D printing continues to amaze us with its capabilities and uses, and we hope to see it available in all schools and universities well so that students can have the space for creativity and innovation.



*(Signature)*

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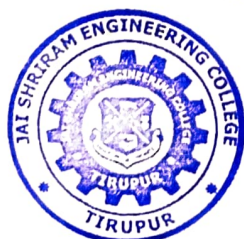
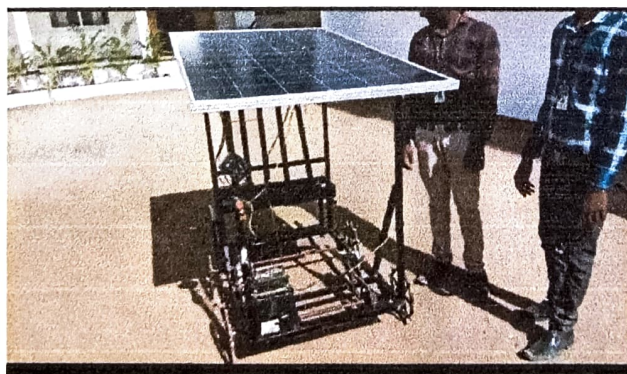


## **INDUSTRIAL PROJECTS**

### **SOLAR SEED SOWING MACHINE**

Agriculture Sector is the backbone of Indian Economy. There is a need for improvement in agriculture sector, which can be achieved by using advanced technological methods for farming processes like digging, sowing and irrigation etc. Mechanization reduces labour cost and improves the overall productivity without affecting the quality of soil. This paper represents a machine which can carry out various farming activities simultaneously. This machine uses Solar Energy as an eco-friendly energy resource. Solar Panel is used to convert solar energy into electrical energy and a DC Motor converts this electrical energy into mechanical energy to rotate a cutter for digging operation. Seed Hopper and Water Tank are used for seed sowing and irrigation operations respectively. This machine maintains seed to seed spacing and row to row spacing. It also decreases the cost of sowing the seeds and requirement of labor.

**Introduction** At present many countries have shortage of skilled labor in agriculture sector, which affects the growth rate of the developing countries including India which hugely depends on agriculture sector. As the population of India is rising, demand of food is also escalating which leads to higher crop production per hectare. The main work of sowing operation is to sow seeds at required depth with specific spacing between the two sowed seeds.



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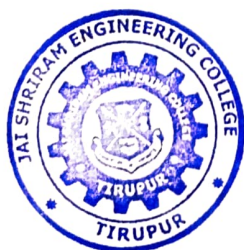
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## **SOLAR POWERED ELECTRIC VEHICLE**

### **Abstract**

In the current state of technological development, the future of vehicles seems to be with the hybridization of various energy sources. This sort of development in vehicles seeks to take the benefits from the best quality of each energy source and it is especially useful in urban driving vehicles. In cities of India one of the major medium of transportation is auto rickshaws, which is producing a huge amount of air pollution as well as greenhouse gases like CO<sub>2</sub>. Fuel, which is used, is a non-renewable source and also which **costs high** as a result of that transportation charges increases. It would also affect the economy as well as the users of the auto rickshaw. Thus they should go for a reliable source as know that current trend of using the reliable source like solar energy which is available in plenty in country like India. We use the solar panel, controller and DC motor setup to convert the light energy as an electrical energy which is fed to the DC motor to obtain mechanical motion. The mechanical motion was transferred to wheels through chain drive which leads to cheap and effective transmission. Finally, fabricated a concept auto rickshaw with the help of modified transmission system and energized with solar energy to run it.



  
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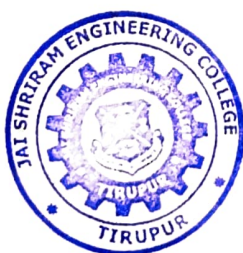
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## **TRAIN ACCIDENT PREVENTION SYSTEM**

### **ABSTRACT**

Rail transport is a means of transport that transfers passengers and goods on wheeled vehicles running on rails, which are located on tracks. Trains are estimated to kill 1 person every 100 minutes. Each year 1,000 people are killed in train related accidents. Among the total people affected by railway accidents, twenty seven percent lost their life while seventy three percent got injured and IR faced a total loss of 84,486 crore INR . It means every fourth person affected by railway accidents lost his/her life. Our project is focused on how to reduce the number of train accidents in India. Many train accidents happened of carelessness of humans and even many number of animals lost their lives while they crossing the railway tracks. As we are planned to set up a Ultrasonic sensor to sense the train and to place a burzar and lights in the highly populated areas near railway lines and also in the animal crossing zone. It sounds and turn on light, so that humans and even animals can aware of train crossing, and train accident can be reduced to a great extent.



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## **CHILD RESCUE SYSTEM AGAINST OPEN BORE-WELLS AT AGRICULTURAL FIELDS IN INDIA**

### **Abstract**

Normally we have gone through many incidents of children falling into abandoned bore wells. Usually the bore well which takes almost 20-60 hrs. To overcome these issues we proposed a system, in which the Robot can move inside the bore well and rescue the child safely. In our project we use pic microcontroller which is used to control the Ultrasonic sensor. This Ultrasonic sensor is used to measure the distance at which the victim is present and displays it on the LCD display in both meter and centimeter. The Rescue unit consists of two DC motors and a LED light. Thus our project is easily portable and less expensive which can be used in any situation to rescue the victim safely and also in less time.



  
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## **HERBAL NON-WOVEN HEAD CAP USING RECYCLED FIBERS**

### **Abstract**

In this project head cap (non-woven) is made of recycled fibers. The fibers have been taken from the shortfibers rejected at the blow room process. Natural herbals like aloe vera, vetiver, and spring onion extracts are coated in this cap using the pad-dry-cure method. The above-mentioned herbals are chosen because it helps to control the generation of heat during stress. Aloe vera is one of the most important herbals in this project, it has a very good coolant effect and it has been used since from the ancient period. It also helps to boost the immune system of our human body. It has very good antioxidant properties. Vetiver is another main herbal that largely helps to reduce the heat. The aroma of vetiver helps to reduce stress. Spring onion has very good anti-bacterial and anti-viral properties. It also helps to stimulate the activities of the respiratory system.

The non-woven herbal cap is cost-effective and can be disposed after usage. The wearer will feel relaxed while wearing this cap. The objective and subjective evaluation will be carried out. The objective evaluation like anti-microbial, anti-fungal, anti-bacterial, and power of herbal coating tests are carried out to find out the effect of herbs on fabrics. A market survey will be carried out among the group of people to collect qualitative data.



  
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## **TRADITIONAL INDIAN MOTIFS**

### **Abstract**

A motif is a repetition of certain patterns, ideas or images to reinforce the main theme.

The smallest of a pattern or basic unit of a design is a motif. In the textile arts, a motif is a smaller element in a much larger work. There are different types of motif such as plant motif, floral motif, traditional motif, geometrical motif and abstract motif. A traditional motif resembles the culture, heritage and nationalism. Often inspired by nature and also culture, socio-economic or religious factors, the motifs on traditional Indian attire are all very distinct and mostly very colorfully represented. Motifs are differed from state to state. There is a uniqueness for every state's motifs. The project resembles that the collection of motifs from different states and it is applied on the plain cotton fabric or saree. These motifs are made by paintings. This is the different idea where the collections of all motifs are presented in the whole fabric.

The uniqueness of motif designs from different states of India which is imprinted on the fabric will emphasize the whole project.



*[Signature]*

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## **DEVELOPMENT OF WATERPROOF APPARELS USING BEE WAX**

### **Abstract**

Waterproof fabrics are those which are inherently or have been treated to become, resistant to waterabsorption or being moist. Waterproof breathable fabric is designed to provide protection from the wind, rain and loss of body heat. The breathable fabric passively allows the water vapour and prevents the penetration of liquid water for comfort clothing. Water proof fabrics are produced in various different methods using chemicals and thermoplastics. In this project, 100% cotton printed fabric has been taken and the waterproof coating will be done in an eco-friendly and cost effective way. In fact, cotton is considered hydrophilic, meaning water easily attached to it. However there are ways to work with cotton that allows it to be more resistant to water. Beeswax (Cera alba) is a natural wax produced by honey bees of the genus Apis. Beeswax is inert with high plasticity. It is insoluble in water and resistant to many acids, but soluble in most organic solvents. The melting point of beeswax ranges from 62°C to 65°C. In this project, the beeswax is coated on the top of the fabric to make it waterproof by ironing and coating. This eco-friendly coated water proof material can be used for making apparels like mobile cover and laptop cover.



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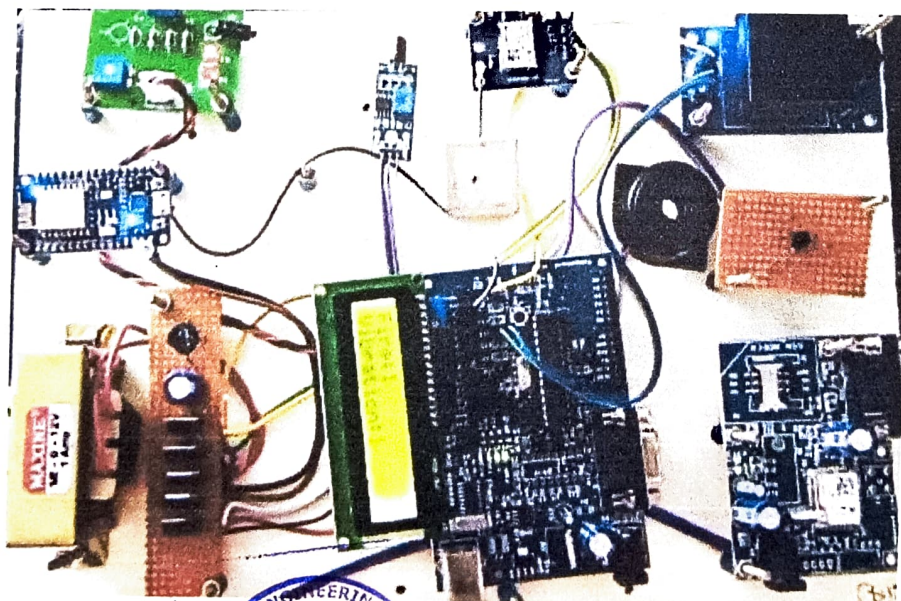
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## **IoT ENABLED SMART BUS FOR COVID-19**

### **ABSTRACT**

The Main Objective of this project is to ensure the safety precautions in Public Transportation. This Project Monitors and Store the database of number of allowed Users with their respective body temperature. The Person's Identity is monitored with the help of Radio Frequency Identification (RFID) Tag. The Sensors and RFID Reader are interfaced with the Arduino. If the temperature is increased then the threshold level alert message is passed to the person personal Mobile through Global System of Mobile Communication (GSM) and the bus door doesn't get open. Then if any Fire, Break down and Accident exists it sends an intimation to the nearby hospitals and Fire Service through the Control Room. The Current Location of the bus is known by Global Positioning System (GSM). The entire module information controlled by an IoT and the data are stored in database. In future, this system can also implement in Theatres, Shopping Malls and a Crowded Area to monitor the number of allowed person's with the irrespective temperature as per Government Instructions.



  
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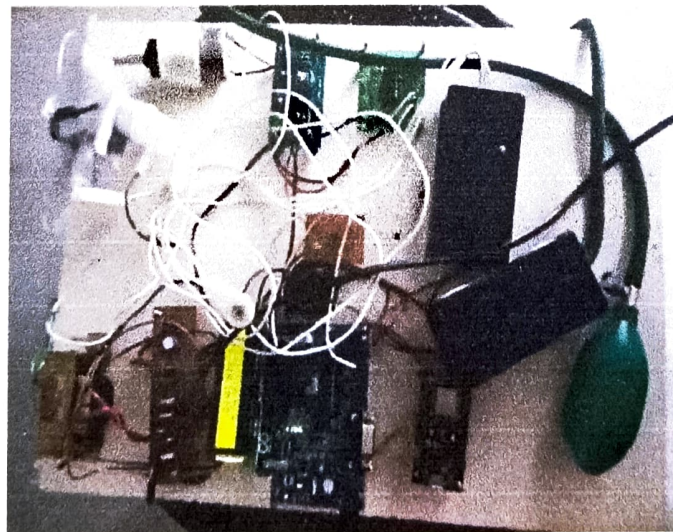
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## **IoT BASED AUTOMATIC ANESTHESIAFEEDER WITH MEDICAL ANALYSIS**

### **Abstract**

For any operation the patient being in an anesthetic condition is must. The patient won't feel any pain during the medical procedure using anesthetic. If lower amount of anesthesia is administers the patient may awaken at the mid of the operation. If the operation lasts for a long time, say for suppose for 5 to 6 hours anesthesia can't be given in a single stroke to the patient. Over dosage may cause a critical condition for the patients towards death. To avoid such a situation the anesthesia administers few milliliters of anesthesia at regular intervals to the patient. The physician fails to administer the anesthesia to the patient at the actual interval, to avoid these problems the design of an automatic operation of anesthesia machine based on an Arduino is effective. Timer is used to for looping time interval. Buzzer used for indication DC motor rotation. Anesthesia has to be given to a patients considering various parameters such as heart rate, respirator rate, temperature, etc. the patient analysis during surgery time that data is stored in cloud using IoT.



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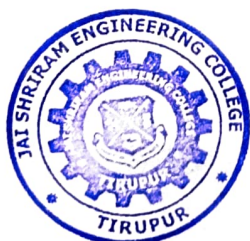
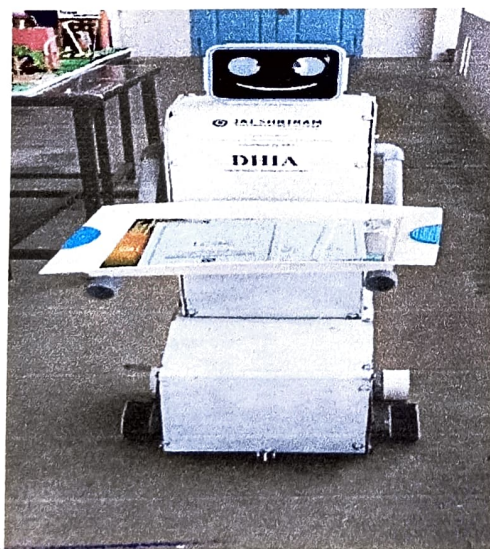
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## **BLUETOOTH CONTROL SERVING ROBOT WITH VOICE ASSISTANCE**

### **Abstract**

Robotic technology is becoming ubiquitous in many aspects of human life as the era of industrial 4.0 approaches. Using waiter robots in a restaurant is a promising field in the near future. In a number of fields today, robots largely replace the work of humans in restaurants, farms, hospitals, and various other fields. Using the robot, customers can place orders and have them delivered. This proposed technique can be made at very low cost, thus reducing unemployment problems as well. In restaurants, humans are mostly found as well as food and sometimes there can be errors with the food being delivered to the wrong table or serving the wrong order. We have developed a prototype of robotic waiter using Atmega328 as the main controller that can serve food. Bluetooth module HC-05 is used to send commands to the controller. We use robots in many different fields to reduce human work however, a man cannot do it. It also saves us our precious time and money. Robots have often been customer enticers thus increasing profits at these establishments, but it doesn't stop there; robotic waiters make some restaurants more profitable as well. Automated machines have become a part of our lives.



  
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## **AN EXPERIMENTAL STUDY ON STRUCTURAL BEHAVIOR OF SISAL FIBER USING SELF COMPACTING CONCRETE IN ADDITION OF GLENIUM STREAM 2**

### **Abstract**

Self compacting concrete is a type of concrete which is not a product of mixing substance having different properties but a combination of several access having the same flow characteristics. The project shows the comparison between the conventional concrete and SCFRC using sizzle fibre. Concrete made with Portland cement has certain characteristics: compression but it is weak in tension enforcement under to wake some extension by inclusion of sufficient volume of certain fibre the weakness in tension can be overcome it is a composite material consisting of cement-based battery with an are ordered distribution of fibre which can be steel Nile and Polyethylene etc., the self compacting property of the concrete helps in fresh state of concrete and properties in hardened state is and has the bi fibre. In the project hybrid banana and scissor fibre is used. the fibre used for FRC can be natural material or are artificial fibres such as glass Steel carbon and polymer discrete fibres. the fibre used for FRC can be natural material or artificial fibres such as glass Steel carbon and polymer. compacting concrete offers several technical beneficials as well as economical benefits the use of fibres extends its possibilities.



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## **EXPERIMENTAL STUDY ON REINFORCED CONCRETE BEAM WITH PARTIAL REPLACEMENT OF COARSE AGGREGATE BY KANKAR WITH ADDITION OF LATHE SLAG**

### **Abstract**

Concrete is an artificial material in which the aggregate both fine and coarse are bonded together by the cement. In present scenario as the construction activities increases, the demand of concrete also increased. The natural resources are a serious threat to environment on other side waste and by product from several industries are finding their way as alternative material to prepare concrete. In this project, the flexural behaviours of reinforced concrete beam with partial replacement of coarse aggregate by using kankar in addition of lathe slag is analysed. The compressive strength of the concrete is tested by replacing the coarse aggregate with kankar and addition of lathe slag in proportions such as 15%, 30%, 50% at 7 days, 14 days, 28 days. The split tensile strength of the cylinder is tested by replacing the coarse aggregate in proportions 15%, 30%, 50% at 7 days, 14 days, 28 days. The flexural behaviour of the reinforced concrete beam and prism were observed at 7 days, 14 days, 28 days. Three-dimensional nonlinear finite element model was developed and analysed by the static technique using the ABAQUS explicit module. The experimental results are used as an input parameters for analyzing model of ABAQUS. The experimental and analysed results were also compared.



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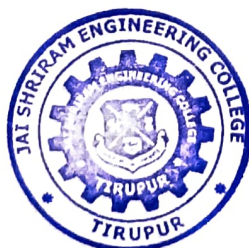
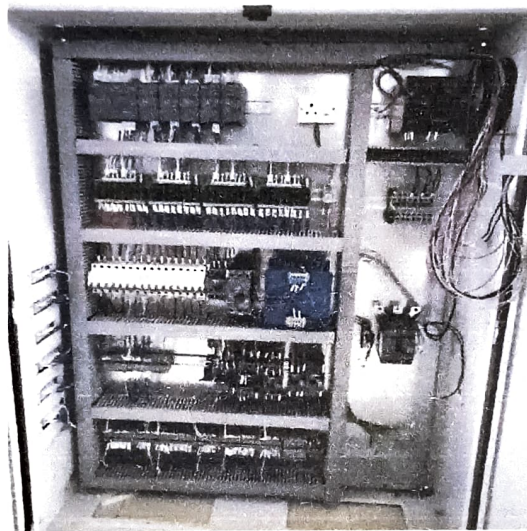
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## **MACHINE NAME: 10Ton Drum Testing Machine**

Based on Eplan Electrical diagram of 10T Drum Testing Machines, Control panel assembly has been carried out by Faculty and students team members. The work carried out in the control panel assembly is Selection of components like MPCB, MCCB, Relay, MCB, different rating of wires with colors (Red, Black, and White) and number of input and outputs of PLC.



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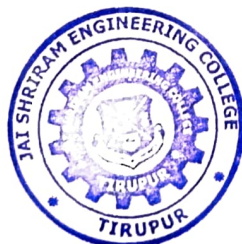
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**Machine Name : 300T+300T+300T Solid Tyre hydraulic Press**

Based on Eplan Electrical diagram of 300T+300T+300T Solid Tyre hydraulic Press, Control panel assembly has been carried out by Faculty and students team members. The work carried out in the control panel assembly is Selection of components like MPCB, MCCB, Relay, MCB, different rating of wires with colors (Red, Black, and White) and number of input and outputs of PLC.



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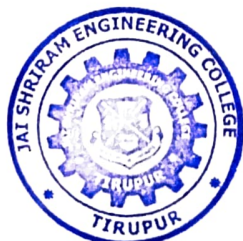


**Project Title : Hydraulic Pressing Machine Processing Animation with Robort Arm Movement for Panasonic**



The project is done for panasonic by Barani Hydraulics India pvt ltd. Project annimation is created using solid work 2020, animation includes fast approach, slow pressing operation and waiting dwell time and fast approach in return stroke. Cash price of Rs 10000 is avarede by Mr. T.K.Karupanasamy vice chairman of Barani Hydraulics India pvt ltd.

Barani Bank  
P. R. Mahendran  
Five thousand only  
₹ 5,000/-  
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BARANI HYDRAULICS INDIA PRIVATE LIMITED  
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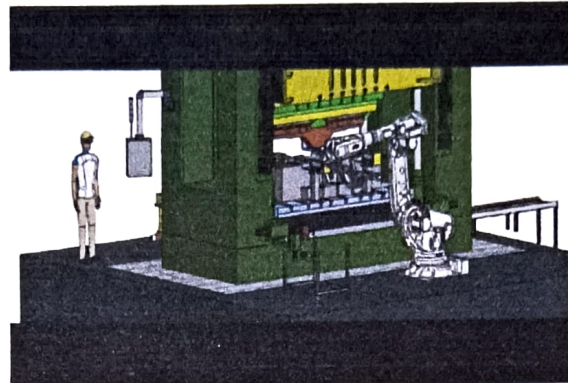
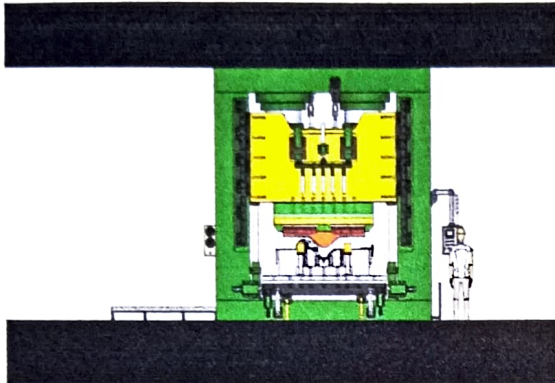
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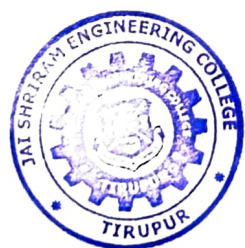
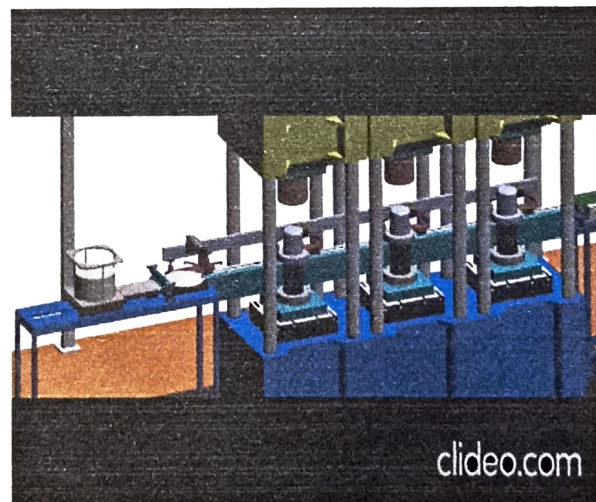
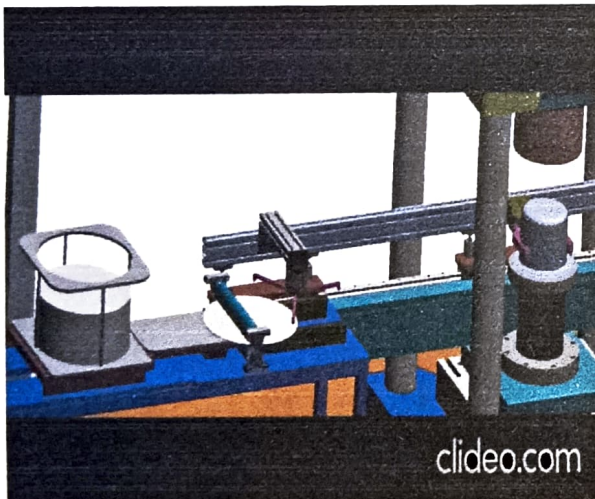
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**Project Title : Hydraulic Pressing Machine Processing Animation with Pneumatic Pick and Place Arm Movement for Butterfly Cookers**

The Project is done for Butterfly Cookers by Barani Hydraulics India pvt ltd. Project animation is created using solid work 2020, hydraulic pressing machine operations include animation with pick and place operation of stainless steel sheets 2 mm thickness and sequential three pressing operation is carried out and final product is passed through the conveyor.



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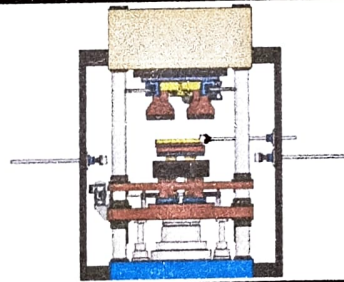
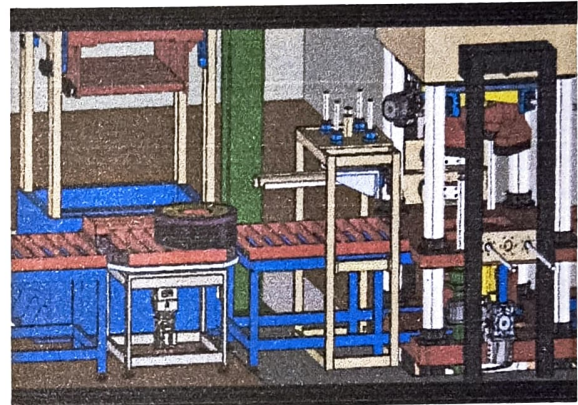
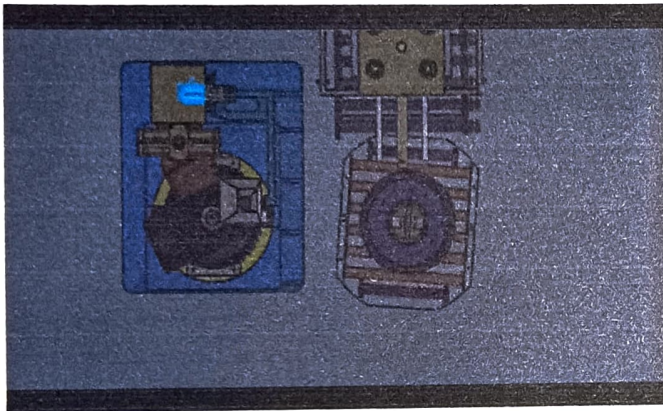
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## **Hydraulic Pressing Machine Processing Animation for Saint Gobain Clutch Manufacturing Plant Layout**

This Project is done for saint gobain clutch manufacturing plant layout by Barani Hydraulics India pvt ltd. Project plant layout animation is created using solid work 2020. Hydraulic pressing machines, rotating table, coveyors, moving pallet operations, heating chamber animation were carried for a 18 min of process cycle timing animation was created.



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### **Control Panel Assembly by EEE Students**

1. 10Ton Drum Testing Machine – Consultancy amount generated – Rs. 20000/-
2. 300T+300T+300T Solid Tyre hydraulic Press
3. 650T+650T+650T Solid Tyre hydraulic Press
4. 200Ton FITMENT hydraulic Press



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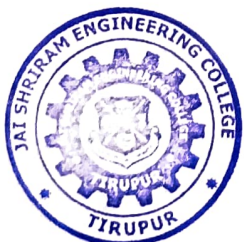
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## **E- VEHICLE**

This E-Vehicle project was done by the students of Mechanical Engineering



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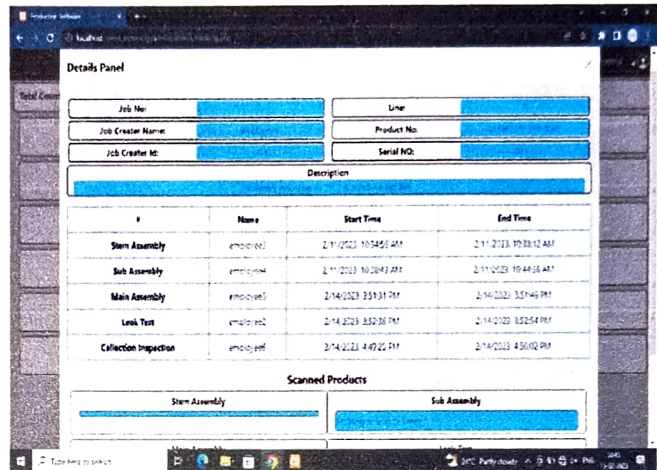
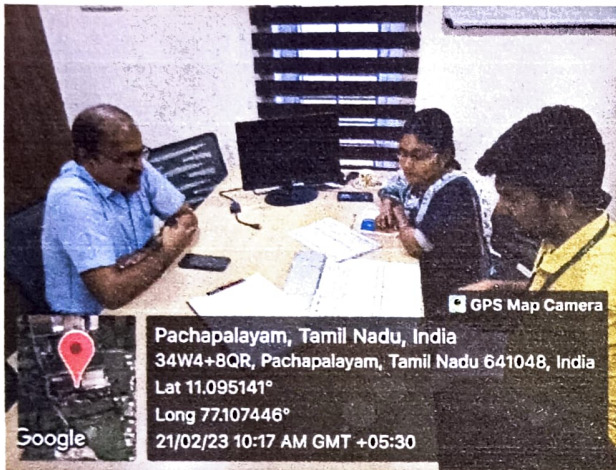
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## PROJECT ON ERP FOR PACKAGING DEPARTMENT



This Project was done by the students of Computer Science and Engineering



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**PAPER  
PUBLICATIONS**



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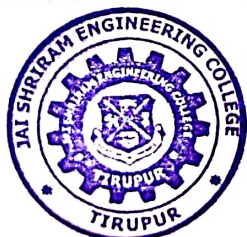
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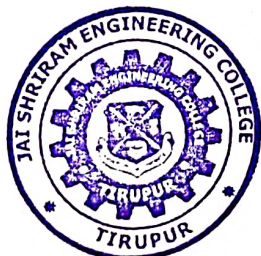
## PAPER PUBLICATIONS

S.No.	Title of paper	Name of journal	Calendar Year of publication	ISSN number
1	Secure and Efficient Anonymous group Data sharing by SBIBD Technique in Cloud Environment	International Journal of Engineering Technology and Management Sciences	2023	2581-4621
2	Advanced Control Strategies for grid intergration of wind Energy System Employed with Battery Units	IEEE Xplore	2023	2272-3474
3	AI Based Battery Life Estimation of Electric Vehicle	IEEE Xplore	2023	2244-5957
4	An Intelligent Hybrid Fuzzy PI controller for Performance Analysis of Permanent Magnet Synchronous Motor	IEEE Xplore	2023	2244-5957
5	Optimal Control of Solar PV Fed EV Charging Station using PSO Algorithm	IEEE Xplore	2023	2312-3046
6	A Comprehensive Review of Epileptic Seizure Prediction using Medical Internet of Things	IEEE Xplore	2023	2272-3594
7	Automatic Indicator System for Vehicle Using GPS	International Educational Scientific Research Journal	2023	2455-295X
8	Solar Grass Cutter with Water Sprayer	International Educational Scientific Research Journal	2023	2455-295X
9	Smart Helmet for Bike Riders	International Educational Scientific Research Journal	2023	2455-295X
10	A comprehensive Review on Wireless body Area network- Technologies, challenges, application and enrgy saving Techniques	IEEE Xplore	2023	978-1-6654-7972-1



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11	Object Detection Robot Using Arduino	International Journal of Enhanced Research in Science, Technology & Engineering	2023	2319-7463
12	Highly Secure Smart Vehicle Parking System (SVPS) for Smart Cities	Journal of VLSI Design and its Advancement	2023	2582-1458
13	Research on Artificial Intelligence based Fruit Disease Identification System (AI-FDIS) with the Internet of Things (IoT)	Journal of Intelligent & Fuzzy System	2023	18758967
14	Voting process using Biometric	International Educational Scientific Research Journal	2023	2455-295X
15	Experimental validation of IS2062 deep drawing component	Materials Today: Proceedings	2023	2214-7853
16	Investigating underground water salinity in east coastline of Tamil Nadu, India and improving its quality through solar assisted desalination	Urban Climate	2023	2212-0955
17	Assessment of underground water quality and water quality index across the Noyyal River basin of Tirupur District in South India	Urban Climate	2023	2212-0955
18	Industry 4.0 and their Application in Fighting Covid - 19 Pandemic	International Journal of research Culture Society	2023	2456 - 6683
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23	Detection and Recognition of Text Based On OCR and CNN	International Journal of Scientific Research in Science, Engineering and Technology	2022	2394-4099



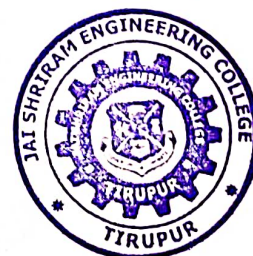
  
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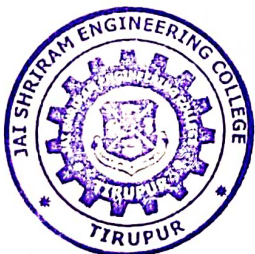
24	Industrial Automation using IoT & FRCNN	Journal of current Research in Engineering	2022	2581-611X
25	IoT Enabled Smart Helmet for Site Workers	Lecture Notes in Network and Systems (Intelligent Sustainable Systems), Springer,	2022	978-981-19-2893-2
26	Traffic Signs Recognition and Vehicle Identification	6th IET International Smart Cities Symposium,	2022	978-1-83953-854-4
27	A Critical Review on Hygrothermal and Sound Absorption Behavior of Natural-Fiber-Reinforced Polymer Composites	Journal of Natural-Based Biodegradable Polymeric Materials	2022	2078-2489
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29	Trajectory Tracking Control of Industrial Robot Manipulator Using VS Control System with STHWS Method	Lecture Notes in Electrical Engineering	2022	1876-1119
30	Instrument Cluster IoT Enclosure Design and Production Implementation in Self Driven Vehicles	Lecture Notes in Electrical Engineering	2022	1876-1119
31	AD - EHS: Alzheimer's Disease Severity Detection using Efficient Hybrid image segmentation	Advance in Engineering Software	2022	173(2022) 103234
32	A study on Employee Welfare measures in information technology industry in India	NOLEGEIN journal of Information Technology & Management	2022	2581 - 6802
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34	Effects of using white flour, zinc oxide and zinc ash as an admixture in mortar and concrete	Materials Today : Proceedings	2022	1771-1774
35	Behavior of concrete by partial replacement of fine aggregate with eco sand	Materials Today : Proceedings	2022	1986-1990
36	An Experimental study on Flyash and marble powder in the properties of self compacting concrete	Materials Today : Proceedings	2022	1771-1774



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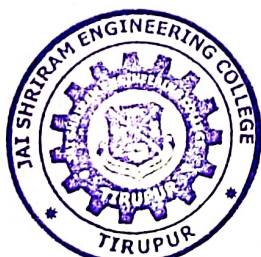
37	High strength fiber reinforced concrete replacement of cement as GGBFS with addition of carbon nanotubes	Internation journal of innovative research in Technology	2022	2349-6002
38	Experimental Investigation on Partial Replacement of Coarse Aggregate by Waste Rubber and Cement by Silica Fume	Journal of Advanced Cement & Concrete Technology	2022	1346-8014
39	Multi-modal active learning with deep reinforcement learning for target feature extraction in multi-media image processing applications	SpringerLink	2022	1380-7501
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42	Smart Ploughing System	International Journal of Scientific research in computer science engineering and Information Technology	2022	2395-1990
43	Schema of Wind Turbine System and Analysis of Appropriate Converter Topologies	International Journal of Engineering Research & Technology (IJERT)	2022	2278-0181
44	Self-Regulated Anaesthesia feeder for surgical patients	Research and Applications : Embedded system PHRB Publications	2022	2582-2993
45	Panoramic tongue imaging and deep convolutional machine learning model for diabetes diagnosis in humans	Springer publication	2022	2045-2322
46	Ultra sonic sensor based radio detector and ranging	Willey Publication	2022	2455-2143
47	Detection of duplicate medical image using convolution neural network	International Journal of scientific research in science, engineering and technology	2022	2394-4099
48	Smart irrigation management system using IOT	International Journal of scientific research in science, engineering and technology	2022	2394-4099



  
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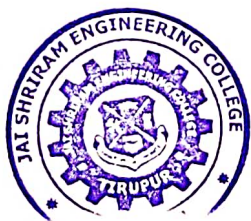
49	Detection and recognition of text based on OCR and CNN	International Journal of scientific research in science, engineering and technology	2022	2394-4099
50	Design of 5.3 GHz microstrip array antenna for WBAN application	Irish interdisciplinary journal of science and research (IIJSR)	2022	2582-3981
51	Design of microstrip patch antenna for 5G applications	Irish interdisciplinary journal of science and research (IIJSR)	2022	2582-3981
52	Automation of water treatment plant using PLC	International Research journal of engineering and technology (IRJET)	2022	2395-0056
53	A smart hand glove for sign language for translation into text and speech	International Journal of scientific research in science, engineering and technology [UGC Journal No-47147]	2022	2394-4099
54	A Comprehensive Review on Wireless Body Area Network - Technologies, Challenges, Application and Energy Saving Techniques	2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC)	2022	978-1-6654-7971-4
55	IoT Enabled Smart Helmet for Site Workers	Lecture Notes in Network and Systems (Intelligent Sustainable Systems) - ISBN Number: 978-981-19-2893-2	2022	978-981-19-2894-9
56	Productivity Improvement in a Manufacturing Industry by Using Man-Machine Chart Analysis	Lecture Notes in Mechanical Engineering	2022	2195-4364
57	Investigation of moisture transfer properties of double-face weft knitted fabrics for sports clothing	Journal of Industrial Textiles & SAGE Journals	2022	1530 - 8057
58	AD- EHS: Alzheimer's disease severity detection using efficient hybrid image segmentation	Advance in Engineering Software	2022	0965-9978
59	A study on employee welfare measures in information technology industry in India	NOLEGEIN journal of information technology & Management	2022	2581-6802
60	Financial performance analysis of Canara bank	NOLEGEIN journal of information technology & Management	2022	2581-4087



  
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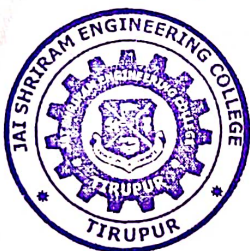


75	Demographic Characteristics And Workers Population Of Krishnarayapuram Taluk, Karur District	UGC Care Journal	2021	2249-6661
76	Visualization of virtual environment through labVIEW platform	Materials Today: Proceedings	2021	2214-7853
77	Enhanced Trust Based Secure Routing for MANET	Journal of Huazhong University of Science and Technology	2021	1671-4512
78	IOT Based soil maintenance and production of Crops from Excess water using prediction algorithm	Design Engineering	2021	0011-9342
79	Funding Missed Product and Loss Prediction Using Market Basket Analysis (MBA)	Turkish Online Journal of Qualitative Inquiry	2021	1309-6591
80	Deadlock Prevention using Schedulability in Virtualized Cloud Environment	Turkish Online Journal of Qualitative Inquiry	2021	1309-6591
81	Power System Stability Enhancement in Two machine system by using fuel Cell as STATCOM	Material today proceedings	2021	2214-7853
82	Automatic Sericulture Monitoring using Image Processing	International journal of Advanced Research in Management, Architecture, Technology and Engineering	2021	2454-9762
83	An efficient biometric based authenticated geographic opportunistic routing for iot applications using secure wireless sensor network	Materials Today: Proceedings	2021	2214-7853
84	IoT based Cattle Health Care Monitoring System	Grenze Scientific Society	2021	2395-5295
85	Intelligent Farming using Internet of Things and Cloud Computing	International Journal of Computer Applications	2021	0975 - 8887
86	Sleepy Keeper style based low power VLSI architecture of a viterbi decoder applying for wireless LAN operation sustainability	Springer publication	2021	...
87	Implementation of Low Power and Area Efficient Vedic Multiplier Using FinFET based Pass Transistor Logic	International Journal of Innovative Research in Technology	2021	2349-6002



  
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88	Power reduction in SRAM cells using gated VDD Methodology	International Journal of Innovative Research in Technology	2021	2349-6002
89	Pseudocapacitive Characteristics of Mg Doped ZnO Nanospheres Prepared by Coprecipitation	SCI	2021	1733-3490
90	An intelligent fuzzy PI controller based 33 level switched capacitor multilevel inverter for PMSM drives	Material today proceedings	2021	2214-7853
91	State Of The Art Review On Permeable Concrete	Journal Of Ceramics And Concrete Technology	2021	2457-0826





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# **STUDENTS' ACHIEVEMENTS**





# JAI SHRIRAM ENGINEERING COLLEGE

TIRUPPUR – 638 660

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## Students' Achievements



Won Best team award in ONE YES GRAND HACKATHON



Best Employee award during Internship

GATE Scorecard	
Name of Candidate	RAMESH S
Parent's/Guardian's Name	T SUNDAR RAJAN
Registration Number	ME23S27412102
Date of Birth	16-Nov-2002
Examination Paper	Mechanical Engineering (ME)
GATE Score	501
Marks out of 100	41.67
All India Rank in this paper	3345
Number of Candidates Appeared in this paper	63489
Valid up to 31 <sup>st</sup> March 2026	
Qualifying Marks*	General 28.4 EWS/OBC (NCL) 25.5 SC/ST/PwD 18.9

Prof. Preetam Kumar M. Mohite  
Organizing Chairman, GATE 2023  
on behalf of NCD-GATE, For ME

\* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with the score card.

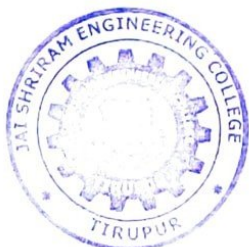
Gate scorer & IIT Internship

GATE Scorecard	
Name of Candidate	DIVYA D DHAMODHARAN
Parent's/Guardian's Name	DHAMODHARAN V
Registration Number	EC23S47410073
Date of Birth	20-Feb-2003
Examination Paper	Electronics and Communication Engineering (EC)
GATE Score	236
Marks out of 100	20.67
All India Rank in this paper	14212
Number of Candidates Appeared in this paper	45833
Valid up to 31 <sup>st</sup> March 2026	
Qualifying Marks*	General 29.9 EWS/OBC (NCL) 26.9 SC/ST/PwD 19.9

Prof. Preetam Kumar M. Mohite  
Organizing Chairman, GATE 2023  
on behalf of NCD-GATE, For ME

\* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with the score card.

D.Divya, III ECE Scored 20.67 marks in GATE



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### Students' Achievements



International Wonder book of record



Runner up in Indian Pro Kart Endurance Championship



*[Signature]*

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### Students' Achievements

DEPARTMENT OF CIVIL ENGINEERING

***Congratulations***



**KRISHNA PRASATH B**  
(2014-2018 Batch)

**44th All India Rank in  
UPSC - Indian Forest Service (IFS) Examination**

DEPARTMENT OF CIVIL ENGINEERING

***Congratulations!***



**GOKULA KANNAN M**

**PROJECT SCIENTIST- I**  
For getting placed in  
National Center for coastal research

Salary package  
9.6LPA

BEST WISHES  
FOR YOUR  
SUCCESSFUL  
CAREER

f /JSRECTirup  
www.jayshriram.edu  
@jayshriramenggcol



II Year EEE students got Third Place with Cash Prize in Paper  
Presentation at Builders Engineering College held on 24/03/2023

ELECTRICAL & ELECTRONICS ENGINEERING  
& ENGLISH ELITE FRATERNITY

**CONGRATULATIONS**



**MS JANANI G**  
II - B.E. (EEE)

WON FIRST PLACE WITH CASH PRIZE  
for  
**POSTER MAKING COMPETITION**  
Organized by  
**ELECTION COMMISSION OF INDIA**



*(Signature)*

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## JAI SHRIRAM ENGINEERING COLLEGE

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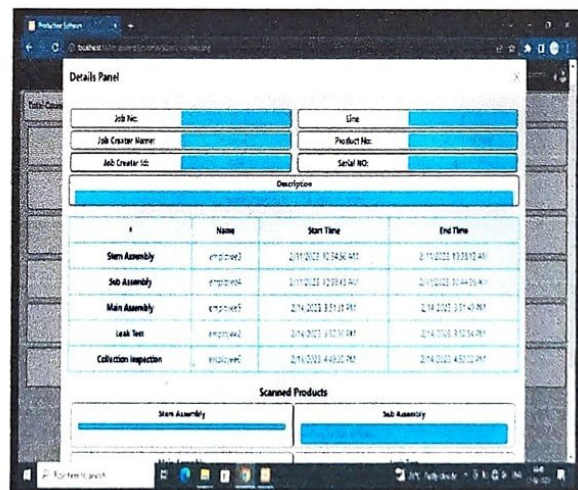
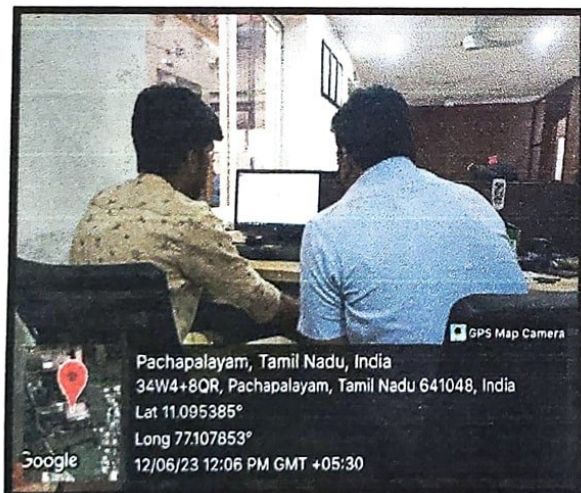
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### Students' Achievements



An E- Vehicle project was done by JSREC students



A Project on ERP was done by our students for packaging department



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# **AWARDS AND RECOGNITIONS**





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### 3.4.2 Awards and recognitions received for extension activities from government / government recognized bodies

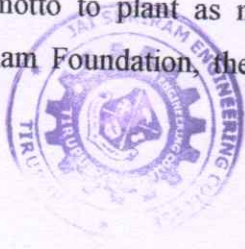
The institution has received Awards and recognitions received for extension activities from government / government recognized bodies. The institution is linking with society by contributing societal activities and organizing outreach programmes. It promotes students volunteerism to involve in society development. Through National Service Scheme, Youth Red Cross and Red Ribbon Club, the institution serves society by organizing events like Blood Donation Camp, Eye Checkup Camp, Cleaning Temple Survey Camp etc. In order to foster comprehensive development and long-term advancement, the College encourages Faculty, Students, and Staff interaction with the Community. The College has been periodically interacted with the Society, especially to make awareness about the scientific knowledge for solving the problems of Farmers, unemployed Youth. During the last Five Academic Years, Faculty Members and Students of the Institution have donated blood to the Society.

During the last five academic years, the institution organized community service activities under different outreach programmes through clubs like National Service Scheme, Youth Red Cross and Red Ribbon Club, Eco Club, Social Responsibility Club. The list of activities like

- ✓ Village Survey
- ✓ Swatch Bharath
- ✓ Health Awareness
- ✓ NSS Camp
- ✓ Tree Plantation
- ✓ Road Safety Awareness
- ✓ Covid Vaccination Camp

### Tree Plantation

Eco Club organized the event Plantation of tree in nearby villages, Government school with the motto to plant as many saplings and make the green environment. In association with Vaanam Foundation, the Eco club organized Tree Plantation Awareness Rally in the Village



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Kadayur. And also the club organized Ban Plastics and make aware of the concept of Ban Plastics and importance of Herbal Plants to the Government School Students.

### **Swachh Bharath**

The Swachh Bharat Abhiyan is the most significant cleanliness campaign by the Government of India. To foster the thought of clean India campaign, the National service Scheme addressed the public regarding Swatch Bharath.

### **Health Awareness Programme**

The National service Scheme organized Dengue awareness programme to the public. In this awareness, they addressed about the importance of health drink "Kabasura kudineer".

### **NSS Camp**

The NSS organized camp in the nearby villages. Through this, the cleanliness of temple, Cleaning and painting the Government schools are organized.

### **Road Safety Awareness**

In association with Road Transport Department, Tirupur, the NSS organized Helmet awareness program, Road Safety Awareness rally. To create awareness about the rules and regulations of road safety among the public, such type of activities are organized periodically in the institution.

### **Blood Donation Camp**

The YRC/RRC organized Blood donation camp periodically. During the last Five Academic Years, Faculty Members and Students of the Institution have donated blood to the Society.

### **Donation to Ashrams**

The Social Responsibility Club collected fund from the students and faculty members and donated needy things to ashrams like Sanmarga Gurukulam, Keeranur, Donation to Bharthiyar Gurukulam.



  
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## 3.4.2 Awards and recognitions received for extension activities from government / government recognized bodies

S. No.	Academic Year	Awarder Agency or Organization
1	2022- 2023	Aadhar Blood Centre, Tirupur
2		TANGEDCO, Avinashipayam, Sakthinagar
3		TANGEDCO, Avinashipayam, Sakthinagar
4		TANGEDCO, Avinashipayam, Sakthinagar
5		Kiranur Sanmarga Gurukulam
6		Krishi Janani India Private Limited, Kangeyam
7		ECO Fiesta, Tirupur
8		Primary School, Nagalingapuram, Koduvai
9		Primary School, Pullikalipalyam
10	2020-2021	Rotary Club, Saicity, Coimbatore
11		Central Charitable Trust, Lions club of Dharapuram
12	2019-2020	Indian Association for Blind, Chennai
13		Central Charitable Trust, Lions club of Dharapuram
14	2018-2019	Ayyappa Seva Sangam
15		Junior Red Cross, Tirupur




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Jai shriram Engineering college received Appreciation award from Aadhar Blood Centre,Tirupur for blood donation camp oragnized in tirupur district in the year of 2022-2023.



  
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# AADHAAR BLOOD CENTRE

Run By Tirupur Aadhaar Medical Centre (p) Limited  
D.No.: 541,543/338-347, Avinashi Road, Pushpa Theatre Bus Stop,  
TIRUPUR - 641 602. Ph: 0421 2200005, Cell: 94432 92767, 8098971015  
E-mail: [aadhaarbloodbank@gmail.com](mailto:aadhaarbloodbank@gmail.com)



Date : 30.09.2022

## THANKS LETTER

To:

Jai shriram engineering college  
Dharapuram main road  
Avinashipalayam Tirupur

### Respected Sir / Madam:

Blood donation was organized at your Center on Date : 30.09.2022 In which 69 Number of donors  
Donated blood. Thank you for the same and we appreciate and recognize the humanitarian service  
rendered by all voluntary blood donors.

We would like to make special mention of and firm or Team Of **Jai shriram engineering college dinakaran sir** hearted support and Co-operation along with for all the arrangements and  
motivation to the donors to make the camp successful

Thanking you and looking forward for long and healthy association in future also.

Your sincerely

Aadhaar Blood Centre

For AADHAAR BLOOD CENTRE

Manager



*[Signature]*  
01/10/22  
*[Signature]*

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## *Letter of Appreciation*

Date: 25.12.2022

From

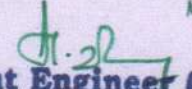
The Assistant Engineer  
Operation and maintenance  
Sakthinagar/ PEDC  
South Avinashpalayam  
Tirupur

To

The Principal,  
Jai Shriram Engineering College,  
Avinashpalayam,  
Tirupur -638660

On the behalf of *Tamil Nadu Generation and Distribution Corporation Limited*, Office of Assistant Engineer, Sakthinagar, Avinashpalayam whole heartedly thank the Energy club of Jai Shriram Engineering College for conducting the Rally to create awareness about the Energy Conservation from Avinashpalayam to koduvai on 17.12.2022. We are proud to thank the Energy club coordinator Mr.E.Babu AP/EEE and Students volunteers.

(The Assistant Engineer)

  
**Assistant Engineer (O & M)**  
**PEDC/ TANGEDCO**  
**Avinashpalayam (post),**  
**Sakthi Nagar.**



  
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**Avinashpalayam, Tirupur-638660. TN.**



## *Letter of Appreciation*

Date: 20.12.2022

From

The Assistant Engineer  
Operation and maintenance  
Sakthinagar/ PEDC  
South Avinashipalayam  
Tirupur

To

The Principal,  
Jai Shriram Engineering College,  
Avinashipalayam,  
Tirupur -638660

On the behalf of *Tamil Nadu Generation and Distribution Corporation Limited*, Office of Assistant Engineer, Sakthinagar, Avinashipalayam whole heartedly thanks the Energy club of Jai Shriram Engineering College for conducting the Awareness Program on Energy Conservation and Energy Efficiency for School Students on 14.12.2022. We are proud to thank the Energy club coordinator Mr.E.Babu AP/EEE and Students volunteers.

We congratulate the volunteers of Energy Club for making the program successful.

(The Assistant Engineer)

*[Signature]*  
Assistant Engineer (O & M),  
PEDC/ TA.  
Avinashipalayam,  
Sakthi Nagar.



*[Signature]*  
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## *Letter of Appreciation*

Date: 15.10.2022

From

The Assistant Engineer  
Operation and maintenance  
Sakthinagar/ PEDC  
South Avinashpalayam  
Tirupur

To

The Principal,  
Jai Shriram Engineering College,  
Avinashpalayam,  
Tirupur -638660

On the behalf of *Tamil Nadu Generation and Distribution Corporation Limited*, Office of Assistant Engineer, Sakthinagar, Avinashpalayam whole heartedly thanks the Energy club of Jai Shriram Engineering College for conducting Awareness Program on Energy conservation Techniques for School Students on 12.10.2022. We are proud to thank the Energy club coordinator Mr.E.Babu AP/EEE and Students volunteers.

We congratulate the volunteers of Energy Club for making the program successful.

(The Assistant Engineer)



Assistant Engineer (O & M)  
PEDC/ TANGEDCO  
Avinashpalayam (post),  
Sakthi Nagar.

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இங்கு ஆதரவற்ற குழந்தைகளுக்கும், நிராதரவான முதியோர்களுக்கும் புகலிடம், உணவு, உடை, கல்வி தொழில், கலாச்சாரம் வழங்கப்படுகிறது. தங்களின் கொடைக்கு நன்றிகள் சமர்ப்பிக்கிறோம்.



துவக்கம் : 1951

அருட்பெருஞ்ஜோதி  
தனிப்பெருங்கருணை

பதிவு எண் : 12/56

04545 - 293244

63846 56161



அனுப்புவோர் :

(பழனி) கீரனூர் சன்மார்க்க குருகலம்

1/12 & 1/17, ஜோதிபுரம்,

கீரனூர் (Po), பழனி (Tk),

திண்டுக்கல் (Dt)-624 617.

பெறுவோர் :

9677488508

கண்ணியமிக்க,

உயர் அதிகாரம் வாய்ந்தவருக்கு

அறிவுறுத்துகிறேன்

திருவாரூர் (Dt)

நன்கொடை வாழ்த்து

தேதி: 20.10.2020

பொருள் : தாங்கள் அருள்சூர்ந்து வழங்கிய கொடைக்காக  
வாழ்த்துக்கள் சமர்ப்பித்தல் சார்பாக.

நற்றவம் பெற்று நற்குணசீலமுடன் வாழும் தர்ம பூபதியான அய்யா / அம்மா தங்கள் மலர்ப்பாதங்கள் வணங்கி வாழ்த்துகிறோம். எல்லாம் வல்ல சத்திய சொரூபரான அருட்பெருஞ்ஜோதியின் திருவருட் துணையாலும், அருட்குரு ஸ்ரீமத் இராமலிங்கரின் மகா கிருபையாலும் தாங்கள் நிறை நலம், நிறை வளம், நிறை புகழ், நிறை தவம் கொண்டு நீடுழி வாழ்ந்தின்பமுற தியானிக்கிறோம்.

நமது சமுதாயத்தில் ஒரு சிலர் மனித நேயம் இழந்து, மனித அறத்தை மறந்த இரக்கமற்ற இதயம் உள்ளவர்களால், வறுமை வன்பிணி, அறியாமைக்கு பலியாக்கப்பட்டவர்கள்தான் அனாதைகளும், ஏழைகளுமாவார்கள். இவர்களின் துயர்துடைக்கும் பணியினை 1951 ஆம் ஆண்டு முதல் செயலாற்றி புழுதி மலர்களை பூஜை மலர்களாக்கிடும் சேவையை இறைவனுக்குரிய தொண்டாக செய்து வருகிறோம். இத்திருப்பணிக்காக அள்ளி வழங்கிய அருட்கொடை பொருள்கள் வாழையடி, அரிசி

கூடு அரிசி, கிடைக்கின்றன

தொகை ரூபாய்..... Rs. 18,000/-

புனர்வாழ்வு தந்தமைக்காக தருமசக்தி தங்களை சூழ்ந்திட நாளும் வாழ்த்தி வாழ்த்துக்களை மலர்களாக்கி தங்கள் பாதங்களில் ஆராதனை செய்கிறோம்.

இங்ஙனம்

தங்கள் ஆத்மநலம் நாடும்

சுவாமி சம்புசாமி



B. Jy  
20.10.20



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Avinashipalayam, Tirupur-638660. TN.





# Krishi Janani India Pvt Ltd

Date: Aug 25, 2022

Kangayam

## Letter of Appreciation

On behalf of Janani Team, We are thankful to the Jai Sriram Engineering College's NSS team & their coordinator Mrs. B. Saritha for providing their valuable time on the occasion of "Kangayam Marathon 2022". The following volunteers served on Aug 07, 2022

### Name of NSS Team Members

Dharma P - ECE 3rd year  
Gurusamy P - ECE 3rd year  
Madhavan S - ECE 3rd year  
Mohan P - ECE 3rd year

Best wishes

*[Signature]*

22/8/22

Yours Thankfully

*[Signature]*  
Vijay Avinash V.P  
Event Co-ordinator



FARMER TRADING  
COMPANY



Registered Office:  
Plot No. 20, F-1, Vallal Kumanan Street,  
Bagirathi Nagar  
Madipakkam,  
Chennai 600 901,  
INDIA.

SIN: U03100TN2016FTC110070

Business Address:  
108-A, Karaipalayam,  
Punganthurai PO,  
Dharapuram TK,  
Tirupur 638 706,  
INDIA.

An Affiliate of:  
Krishi Janani PBC,  
1629, K St NW, Suite 300,  
Washington DC 20006,  
USA.

PRINCIPAL

Jai Sriram Engineering College  
Dharapuram Road,  
Avinashipalayam, Tirupur-638660, TN.





# Eco Fiesta

மனதில் உறுதி வேண்டும் ... மண் பயனுற  
வேண்டும்!

Date: Aug 25, 2022

## Letter of Appreciation

On behalf of Janani Team, We are thankful to the Jai Sriram Engineering College's NSS team & their coordinator Mrs. B. Saritha for providing their valuable time on the occasion of "ECO FIESTA 2022". The following volunteers served on Aug 15, 2022

### Name of NSS Team Members

1. Gurusamy P - ECE 3rd year
2. Ramanathan G - Mech 3rd year
3. Dhivakar R - Mech 3rd year
4. Nadish R.S - EEE 3rd year
5. Naveen Kumar R - EEE 3rd year
6. Mohan P - ECE 3rd year

Congrats NSS!

27/08/22

For Krishi Janani India Pvt, Ltd

V.P. Saritha  
Event Coordinator  
(Vijay Avinas V.P)



க்ரிஷி ஜனனி  
விவசாயத்தின் விடியல்  
For a Sustainable Agroecology  
+91 80980 04061  
[www.krishijanani.org](http://www.krishijanani.org)

Krishi Janani India Pvt Ltd  
108-A, Karaipalayam  
Punganthurai PO  
Dharapuram TK  
Tiruppur, 638 706  
India

An Affiliate of:  
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Suite 300  
Washington DC, 20006  
USA

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Dharapuram Road,  
Avinashipalayam, Tiruppur-638660. TN.



From

The Principal  
Primary School

To

The principal  
Jai Shriram Engineering College.

Respected Sir / Madam

Subject : Appreciation letter for conducting awareness  
programme on Herbal plants

On behalf of Jai Shriram Engineering College's  
Eco-club have conducted awareness programme on  
Herbal plants and water conservation.  
We feel very thankful for this  
initiation.



62/10/2023  
தலைமை ஆசிரியர்  
பாங்கஜர் ஊ. ச. நடுநிலைப்பள்ளம்  
K. H. காவனி, (தூக்களிங்கு)  
தேவநகர், 638660

PRINCIPAL  
Jai Shriram Engineering College  
Dharaparam Road,  
Avinashipalayam, Tirupur-638660, TN.



Appreciation Letter

From

The Principal

Primary School.

Pullakalipalayam.

To

The Principal

Jai Shriram Engineering College

Greetings..


Respected sir/madam

Subject: Appreciation for conducting Herbal Plantation regarding


On behalf of Primary School, we thank Eco club of Jai Shriram Engineering College for providing Herbal plant Saplings and bringing the Awareness about the importance of Herbal plants on 10/04/2023

Name of the team members

1. Kavinaya.R – IV Civil
2. Tharaneedharan.A - IV Civil
3. Muthuraj.P – IV Civil
4. Tamilarasan.D.S – IV Civil

  
10.4.23.  
தலைமை ஆசிரியர்  
அ.ஓ.தொழில்நுட்பக் கல்லூரிப்பாளையம்



  
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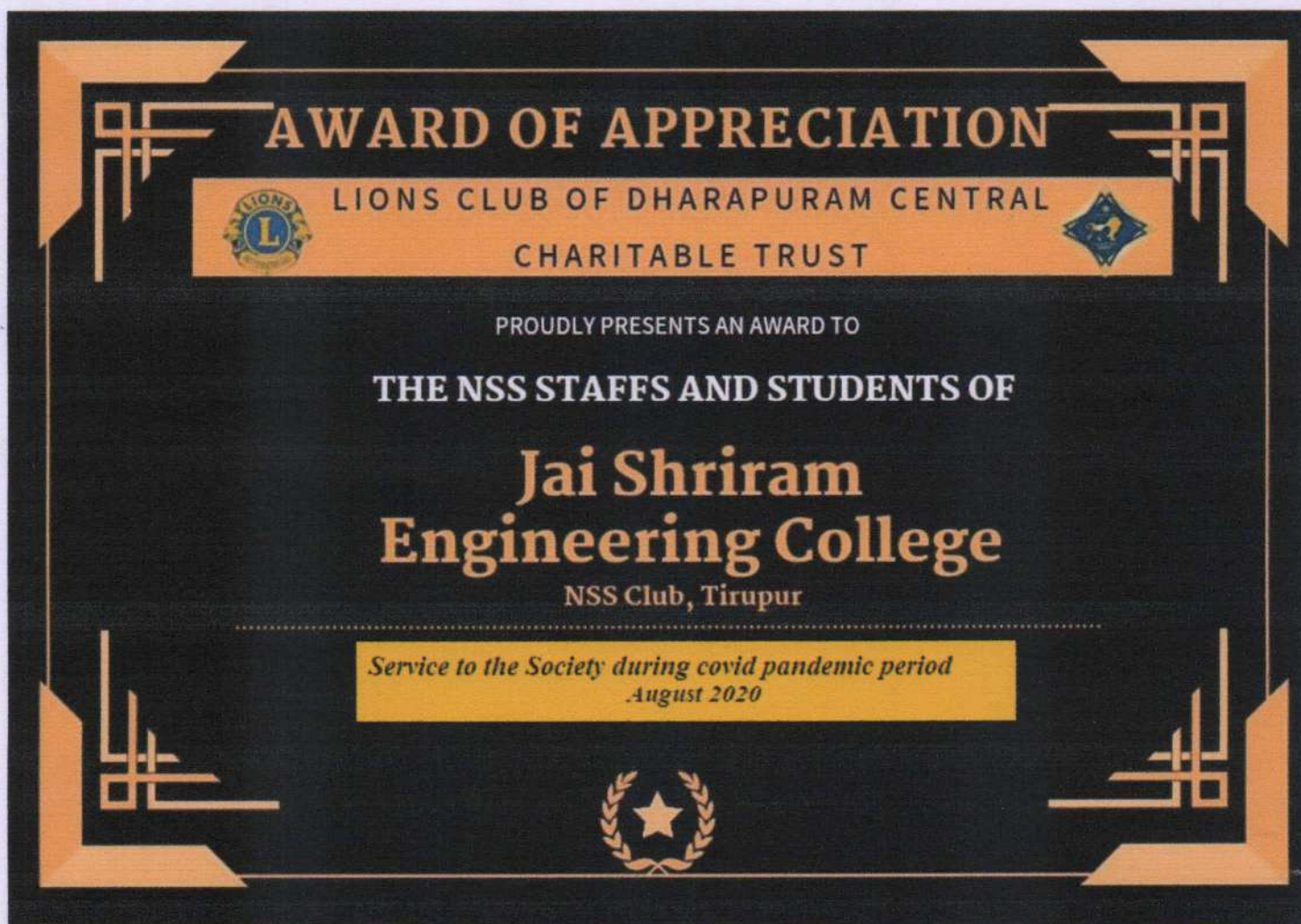


Jai shriram Engineering college received appreciation award from Rotary Club of Coimbatore for Distribution of Computers to various Rural schools in Tamilnadu,during the year of 2020-2021 for the voluntary contribution.



  
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Dhārapuram Road,  
Avinashpalayam, Tirupur-638660.TN.





Jai shriram Engineering college received Appreciation award from lions club of Dharapuram central charitable Trust for service to the society during pandemuc period in the year of 2020-2021.



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**Indian Association<sup>®</sup>  
for the Blind**

Redefining Abilities Rescripting Lives

## **Certificate of Appreciation**

Awarded to

**JAI SRIRAM ENGINEERING COLLEGE  
COIMBATORE, TAMIL NADU**

for outstanding excellence and amazing commitment  
towards voluntary contribution during the year 2019-2020  
for the empowerment of persons with visual challenges



[www.theiab.org](http://www.theiab.org)

**M. Abdul Raheem**  
Vice President, IAB

Head Office : Sundarajampatty, Alagar Kott Main Road, Arumbanoor Post, Madurai, Tamilnadu 625 104, India

Branch Office : Chennai

☎ : +91 90035 55460 | ✉ : admin@theiab.org | www.theiab.org

• Three-Time Recipient of National Award (2005, 2007 & 2018) •

Jai shriram Engineering college received appreciation from indian association for the blind, Chennai for excellence contribution towards voluntary contribution during the year of 2019-2020 for the empowerment of persons with visual challenges persons.



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INTERNATIONAL ASSOCIATION OF LIONS CLUB

**LIONS CLUB OF DHARAPURAM**

*We are glad to issue*

**BEST SERVICE AWARD**

**JAI SHRIRAM ENGINEERING COLLEGE  
2019-2020**

Blood donation camp organized in various villages  
in Tirupur district



*N. [Signature]*

LIONS CLUB SECRETARY

Jai shriram Engineering college received best service award from Dharpuram lions club for blood donation camp oragnized in tirupur district in the year of 2019-2020.



*[Signature]*

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Jai shriram Engineering College received appreciation from "Ayyappa seva sangam", Tirupur for excellence voluntary contribution in the year of 2018-2019.



  
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Jai shriram Engineering college received best service award from junior red cross, Tirupur District for eye camp program oragnized in tirupur rural areas in the year of 2018-2019.



  
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## JAI SHRIRAM ENGINEERING COLLEGE

TIRUPPUR – 638 660

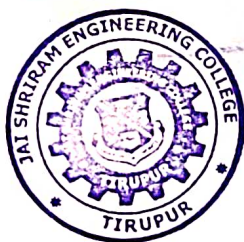
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Recognized by UGC & Accredited by NAAC and NBA (CSE and ECE)



### AWARDS AND RECOGNITION



**JSREC received “Best Engineering College” Award in Tirupur Region. This award was given by SS Info TV, Chennai supported by Puthuyugam Television**



  
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## JAI SHRIRAM ENGINEERING COLLEGE

"Towards Academic Excellence"



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### ★ THE BEST ENGINEERING COLLEGE IN TIRUPPUR ★

Awarded by

**SS INFO TV, CHENNAI**



and supported by

என்றென்றும் புதுமை

**PUTHUYUGAM TELEVISION**



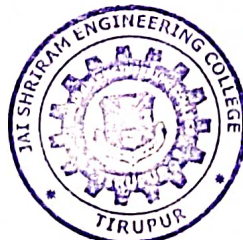
**Shri.M.Govindasamy**  
Chairman

**Shri.T.K.Karuppannaswamy**  
Vice-Chairman

**Dr.R.Thirumalai**  
Principal

+91 90470 98310 [www.jayshriram.edu.in](http://www.jayshriram.edu.in)

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R9

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