

2022 - 2023



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)



Annual Report 2022-2023

As the college enters its 14th year, many initiatives, events, and activities have taken place in our institution. Since 2009, we have graduated a total of 2793 students. Both the CSE and ECE departments were accredited by NBA, and our institution is also accredited NAAC. The fourth largest hydraulic industry in the world, Barani Hydraulics India Private Limited.

The academic year 2022-2023 for second, third, and final years odd semester has been started on August 23, 2022 with the strength of 983 students. The first year classes commenced on November 14, 2022 with the total number of 296 students. Orientation programme was organized by Skills & Brains, coimbatore for first two days. In addition, we begin each day of the class with an orientation on new technical information shared by senior faculty and end with a language quest to help students to enhance their ability to communicate. In April/May 2023, Total number of students appeared in the final semester examination are 140 and 134 students cleared the examination.

The students were provided numerous opportunities to develop their personalities, communication skills, and soft skills, with a focus on holistic student development. In this academic year, infrastructure development and New Lab Establishment are carried out and Sports equipment was purchased.

The library has more than 27838 volumes of books on 7947 titles covering all disciplines of engineering and technology, science & humanities and management studies. The library is open from 8.00.a.m to 7.00.p.m on all weekdays for the student utilization. Our institution is subscribed with Springer and Delnet (Developing Library network for accessing online Journals with all Engineering Disciplines. Students are availed with Wi-Fi facility for their laptops for easy web access.

The entire college campus is facilitated with pure Reverse Osmosis (RO) drinking water with water coolers in every block to cater the need of pure and safe drinking water to all. The installed capacity of RO system is 5000 litres/day in the campus. Solar water heater is installed in hostel, hot water is made available round the clock for wide use of hostel students.

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Our institution has implemented Insproplus Version 7 ERP to integrate and maintain all institutional processes for anywhere access in this academic year.

Our trustees provide various educational scholarship opportunities like Sibling Scholarship, Single Parent Scholarship, Textile Scholarship, Merit Scholarship & No Parent Scholarship for more than 275 rural and economically weaker students.

Association Event :

With the objective of nurturing students from a broad perspective, the various department associations organize activities such as webinars, international webinar, alumni lectures, value-added courses, association programmes and STTP.

Value Added Course:

Auto Cad 2D Designing and Drafting, Advanced Surveying in Total Station, analyzing data's and creating Maps using ArcGIS, Designing of Structural Elements by using ABAQUS Software, Kotlin, Fashion CAD are the additional value-added courses that were offered to our students in order to better train them to fulfill the rapidly changing needs of Industry.

Vetriyin Muthalpadi programme organized in dharapuram specially for 12th students, which gives motivation & suggestions to improve the mark in public exams. Around 780 students participated & utilized the opportunity.

Our Institution organized the SZIKRA 2K22 A National Level Technical Symposium on 28.09.22. Nearly 270 students from various institutions actively participated in the process of presenting their ideas and received attractive cash prizes.

15 students from our institution attended 12 conferences and a technical symposium both on campus and at other prestigious institutions. To accomplish their implant training and internships, 148 students in total visited their primary plant industries.

Achievements:

Third-year FT students raced in the International Wonder Book of Records for 2022 and were picked in the Special Category for the year 2022. The concept undergone was designing a sari with traditional Indian motif from different states (28 No.) on 17.12.2022.

T.Bharatraj & A.Aravind kumar of Third CSE has completed a QR Code Project for BHIPL & received appreciation from the Industry and the global senior commodity manager – Baker Hughes, USA

Students interested in Google developer technologies can join community groups at their universities called Google Developer Student Clubs(GDSC). Abirami, a final-year CSE student, Giritharan and Dhinakaran, second-year AI&DS students, are designated as GDSC


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LEAD, GDSC CO LEAD, and Designing lead from our institution, respectively. They successfully finished the Foundations of Machine Learning and Introduction to Jetpack Compose.

Students from III-ECE took first place in an international conference held at Banarai Amman Institute of Technology.

Swetha from II-ECE and Nivetha roselin of II FT received a gold medal in the Shakespeare talent exam, which was held at the state level.

Students in their final year of mechanical engineering created "GO-KART" within the cost of 1 lakh.

47 students successfully completed their NPTEL courses with 2-Gold, 4-Silver, and 1-Elite grades.

Mr.S.Manikandan, II FT won III place in Fashion Illustration competition organized by KSR College.

III ECE students got 1st Prize for the project Development of Rescue Robot in International Conference on Artificial Intelligence & Block Chain (ICAIBC-2023)

Dharani.U & Abirami.S from Computer science & engineering has won first prize in International Conference on Sir C.V.Raman Competitions & Got an oppourtunity and visited IGCAR, Kalpakkam.

TNSCST Grant was received for 3 student projects.

Placement:

A 109 offers received offers from top Companies with a minimum package of four lakh in the year 2022-2023. 59 UG students received a stipend of Rs.10,000 and 14 PG students received a stipend of Rs.23,000 per month during their final year.

This academic year, IntelliPaat offers the highest salary package of 9 lakhs, followed by TCS, which offers 7.5 lakhs by Sasidharan N of Computer Science & Engineering Department. We placed our students not only in IT fields, but also in the core companies of their respective areas, such as Saint Gobain, Salzer electronics, Bull machines, Titan,URC,Opel SmartDv, and Renault Nissan.

Two students D.S.Tamilarasan & P.Subhiksha placed at Saint Gobain, the Europe's greatest core company for professionals. This company hired only six colleges in Tamil Nadu for internship opportunities, and we are honored to be one of them.

HR conclave You 2.0 is organized on 29th October 2022 with eminent Personalities from various industries. Mr.P.Charles HR Leader & Public speaker, Ms.Nithyanandhini HR Leader & DXC technologies, Mr.Justin HR Manager & Vestas, Ms.Mahalakshmi



Ramalaingam Deputy manager-HR Leader & Rane, Mr.Isaac Patturaja HR manager & Marketing Speaker Sanmina, Mr.Christopher Titus HR consultant & Fashion industry

Through this conclave, our institute's final year and pre-final year students interacted with HR professionals and clarified their doubts about how to prepare for jobs in renowned industries and to understand the industry needs.

From February 13, 2023, Pre final year students received both aptitude, technical and soft skills training by Silicon Software services-Madurai for a week.

Saint Gobain, ZOHO, TCS, Renault Nissan, Axles india Pvt Ltd, Cap gemini, Bull machines, Avasoft, mallow technologies, Centizen, Virtusa, Rits, smartDV, Byjus, Yamaha, Zilogic, Vinsinfo, Vertex, Intellipaat, Tessolve, URC, American Megatrends, Webberax are our recruiters.

Our College organized JSREC – Smt K Periyammal Memorial Trophy Tournament for Polytechnic Students on 24.02.2023. Various games like kabaddi, volleyball, Football were conducted with 230 participants.

Faculty Participation:

Our institution's Faculty members has taken part in a number of FDP, STTP, Naan Mudhalan ToT, webinars, workshops, and hands-on trainings. Total 99 Faculty members have attended various faculty development programs at different colleges and also 25 of our non-teaching staff members attended administrative training programs conducted by our institution. Our faculty members are provided with financial support for attending various conferences, workshops etc., Our faculty attended program with financial support of Rs. 4,63,080/- in this academic year. Our faculty members have published 26 papers in reputable national and international journals.

Faculty of CSE received Google Android Educator certification for Kotlin workshop. The departments of civil & mechanical engineering organized Five day faculty development program on "Green engineering and sustainable technology " from 29 August to 2 September 2022.

The department of EEE organized FDP- Recent technologies in E-Mobility and battery management systems.

The department of computer science engineering organized International Five days FDP on " Data science and visualization tools" with total 111 participants from various institutions on 9.1.23 – 13.1.23

This academic year, our faculties published 4 books.

1.Environmental Science and Engineering, by Dr. S. Kartik, in the civil department.

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2.Engineering Chemistry, by Ms. J. Kavitha;

3.Engineering Physics, by Mr. S. Arul;

4.Discrete Mathematics by Ms.P.Umapathi, Ms.N.Premalatha, Ms.R.Rathna, Ms.S.Kousalya, Ms.T.Renuga

NPTEL :

In total, 14 faculty members completed their NPTEL courses. Mr. Anand from the mechanical department received a gold +topper grade, two faculties received an elite +silver grade, and six faculties received an elite grade.

Patent:

This year, the departments filed 18 patents.

Our Institution has MOU with NSE IT & TCS for providing infra structure services for conducting exams like IIBF, TGTRB, TET and CRPF

Entrepreneurship Development Cell in Association with EDDI, DIC, KVIC, MSME and TNKVIB District Level Awareness Camp, boot camp and Start up Programmes.

CII-YI – 8 program

CoE and JSR Techno Innovation Centre inaugurated on 3.3.23

Department of Computer Science and Engineering & Department of Artificial Intelligence and Data Science Organizes A Nation-Level Coding Contest "Quantum Code '22'" on 03-11-2022.

Memorandum of Understanding is signed with IIT Palakkad Technology IHub Foundation (IPTIF).

Our Institution has secured a Three-star rating *** awarded by the Ministry of Education Government of India for the promotion of innovation and start-up ecosystem.

MSME – host institution

Fine Arts Club Events Series were conducted from 13.12.22 to 17.12.22

Department of Electrical and Electronics Engineering in association with Energy Club Celebrates Energy Conservation Week.

Christmas Day is celebrated with various events like Singing Contest, Dance Competition, Face Painting, Essay Writing & Elocution Competition and prizes also distributed.

Department of Computer Science and Engineering the Association with Redsysstech and Pytzi organized Seminar on Nurturing the Students for Technology Readiness on 16.12.2022


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Inauguration of S&H Association and Between the Cover Club with Guest Speaker Dr.Aranga Gopal, Director of Shibi IAS Academy, Coimbatore on 29.12.2022.

The Fine Arts Club organizes a Pongal Celebration! with various events like rangoli, mulapari, pot painting & tug for war.

May Republic Day infuse each and every heart with great spirits and love for the country. We celebrated Republic Day on 26.1.2023 by flag hoisting & distributing sweets.

Science Club & Institution Innovation Council Organizes Motivational Talk on How to Become A Successful Entrepreneur on 09/02/2023

Department of Electronics & Communication Engineering in Association with IETE Organizes Seminars on Medical Image Processing Techniques and Applications on 09/02/2023.

Department of Electronics & Communication Engineering in association with the Institution Innovation Council Organizes Seminar on Indian scenario of Intellectual Property Rights on 09/02/2023.

Department of CSE & IIC organizes a seminar on Entrepreneurship & innovations for career opportunities on 13.2.2023

NSS & YRC and various clubs and cells have organized outreach programs for the benefit of students and society.

The department of MBA & IIC organized a Webinar on "A success story of an entrepreneur on 23.2.2023

The department of EEE & IIC jointly organizes seminar on Entrepreneurship & research opportunities of renewable energy & its growth on 23.2.23

School of Management Studies organized a virtual National Conference on "Sustainable Development in Modern Business" on 24.02.2023.

With all of these small initiatives and your blessings, we produce high quality engineers with moral obligations every year.


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2021 - 2022



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ANNUAL REPORT

Academic Year 2021-2022

Jai Shriram Engineering College is stepping into 13th year of celebration and we have seen a tremendous achievement and growth in past years. In the last two years many initiatives and innovations had been gradually developed. We introduced B.Tech Fashion Technology in 2020 & Artificial intelligence & Data Science in the year 2021. Green campus is developed and more activities have been launched to our students.

We have provided an ample opportunity to students for their development. Add on courses, Brain storming activities, In and Outbound activities, Hands on Training etc., were given to the students to improve their knowledge and skills in all areas for their betterment. Total number of students appeared in the final semester examination are 192 and 177 students cleared the examination.

The Clubs/ Associations/ Departments have organized more than 200+ programmes in the academic year of 2021. Eminent personalities from renowned academic institutions, motivational speakers and industry experts addressing regularly for the uplift our student's knowledge in all angles through programmes like workshops, seminars, guest lecturers, symposium, alumni interaction, quiz competition, webinar and mock interview. We also conduct yoga and social awareness programs, Covid Vaccination camps and legal awareness programmes for the students and faculty members through club & cells for the benefit of the students to meet the social challenges.

Industry collaboration activities such are Inplant Training, Internship and Industrial visits promoted throughout the year. Totally 100+ visits performed during this year. Career Guidance program for 10th & 12th Students in association with School Education Department was held on 24.03.2022 & 07.04.2022.

National Science Day in association with Galileo Science Club was celebrated by conducting various events like quiz, singing, etc for the students from 6th to 12th. Mechanical Department has organized a National Conference on Recent Innovations in Mechanical Engineering (RIME'2k21) on 18th November 2021

We organized a National level technical Symposium title SZIKRA 2K21 on 01.10.21. The National Assessment and Accreditation Council (NAAC) Team visited on 9.03.2022 for NAAC Approval process. One of the NAAC peer team member Dr.Sukhleen Bindra Narang, Professor from Guru Nanak Dev University stated that within 5 years we reach National fame

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for the academic & Nobel activity. Faculty Club organizes Founders day & Teachers day program on 04.09.2021

Eco club has developed a herbal garden with more than 50 saplings. Students developed many innovative projects and it has been projected in NOVA 2K21.

The School of Management Studies has organized a National Conference on "Enhancing innovative practices to digital transformation in Business management" on 20th October 2021.

On behalf of social responsibility club, we used to donate necessary things to orphanages during festivals. NSS Volunteers took up mass cleaning activity in Alagumalai and personality development classes to the school children's for 7 days.

PLACEMENT

Fruitful results have been achieved in the academic year of 2021-2022. 70 Plus companies have visited the college so far. 159 offers and 140 were students placed in reputed companies till now. More than 100 students got placed in leading companies like TCS, Wipro, Capgemini, Infosys, Tessolve, Yamaha Music, JM Fricttech etc with above 3 LPA. The highest salary package offered is 8.5 LPA by Zoho. More than 50 students got dual offer. We provided Training during weekend to refine the students and conduct company specific training for prefinal year students. To get a wide knowledge in the industry we have conducted 30+ mock interviews, 20+ webinars and also alumni interactions on every Saturday and Sunday. HR conclave was conducted to have an interactive session with the HR for the industrial exposure. HR persons

- ❖ Mr.Charles Godwin, HR Leader & Public Speaker- ZOHO Corporation.
- ❖ Dr.Seema Gupta, HR,L & T, Bengaluru.
- ❖ Mr.Sankar Sundarlingam, Plant HR Head- BMW India.
- ❖ Mr.Bobby Jackson, HRBP-Bharath FIH (Foxconn Group Company).
- ❖ Ms.Krithika Selvaraj, Human Resource at Pricol Limited, Coimbatore had a discussion with the students.

Mr.Sasidharan from 3rd year CSE has been selected as Google leader in Google leader Club and Mr.Nishanth from 3rd year ECE got selected as TCS Ambassador. 3rd year CSE Ms.Mithra got selected as Internshala Student Partner. External Training has been conducted to groom the students in the field of aptitude, verbal and technical. Soft skills training have been provided to students for personality development. Virtual Unacademy class is provided for Prefinal years in the field of aptitude. Ten students got cash prize for their excellence in IQ. Career 2.0 conducted for the betterment of students.


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PROPOSAL

- 5 projects proposal have selected under student project scheme in Tamilnadu state council for science and technology. Each project has sanction with Rs 7500 by the TNSCST.
- A team from CSE department has shortlisted by FARE McAfee project a fund of Rs.6000 for the project ML based efficient spammer detection and Fake profile identification in social media.
- Dr.P.Megaladevi has received Rs 50,000 for Organising a Seminar on Importance of nutritive food value addition & Market linkage livelihood opportunities for farmer from National Bank for Agriculture and Rural Development (NABARD)
- Dr.J.Nandhini has received Rs 70,000 for organizing National seminar on Renewable energy in deregulated power market : issues and prospects under Azadi ka Amrit Mahotsav scheme by Indian Council of Social Science Research (ICSSR)
- Dr.N.Lakshmipriya has received Rs.30,000 for Organising a National Webinar on Effective Utilization of renewable Energy for smart Cities from ICSSR.

PARTICIPATION

In total, 20 of our non-teaching staff members participated in administrative training programs conducted by our college, and 100 faculty members attended a variety of faculty development programs at different colleges. 259 various events like webinars, workshops, industrial trainings, seminars and other events. The management offers financial assistance to our faculty members so they can attend conferences, workshops, and other events. This academic year, our faculty members received funding of Rs. 4,25,150 for attending the programs.

PATENT

4 patents are filed by the faculty from CSE, ECE & MECH in this academic year.

- ❖ Advanced Antenna System Design using Beam Forming and Massive MIMO Technology for 5G Network” by Mrs.D.Mohanapriya and Mrs.B.Saritha
- ❖ Battery Swapping Smart Station For Future E-Vehicle Transportation by Dr.N.Lakshmipriya
- ❖ An Automatic And Efficient Vehicle Wheel Rim Cleaning Machine by Mr.G.Arun
- ❖ Diagnosis and Management Of Covid 19 Using Artificial Intelligence by Mrs.K.Saranya & Mrs.M.Meenalochini

NPTEL

Totally 12 faculty members completed NPTEL with elite certification grade and 64 students completed various courses.


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JOURNAL

Faculty have published research work in more than 28 reputed journals and they have participated in 29 National / International Conferences

BOOKS PUBLISHED

6 Books are published by our faculty members in Engineering & Science

1. Physics for Electronics Engineer-Mr.P.Sivakumar
2. Physics for information Science- Mr.S.Arul
3. Professional English-I-Ms.S.Kavitha & Ms.J.Faustina
4. Professional English-II-Ms.S.Kavitha & Ms.J.Faustina
5. Problem Solving and Python Programming -Ms.M.S.Vinu, Ms.Deenu Mol, Ms.N.Gomathi, Ms.M.Nivethini
6. AI in Health Care-Ms.S.Menaga, Ms.J.Paruvathavardhini

Ph.D COMPLETION

2 Faculty have completed their Ph.D

1. Dr.N.Lakshmipriya from EEE Department
2. Dr.S.Karthik from Civil Department

MoU Signed

MoU has been signed with Emglitz Technologies – Coimbatore, DSIB – Coimbatore, Nunnari Labs – Coimbatore, Vertex – Palladam, Manfree Technologies - Coimbatore, SS Group of Companies - Salem, Amman Polymers-Pollachi.

IQAC

Research & Development cell has organized a webinar on Building awareness on Intellectual property rights on 25.09.2021. Faculty Empowerment Program on Design Thinking & Innovation was held on 12.01.2022 & 13.01.2022. Faculty development program on Python for data science was organized on 25.04.2022 to 27.04.2022. Department of Mechanical Engineering organized an International Workshop on Advanced Materials Processing and Characterization (AMPC'2k22)-

Awards and Achievements

- ❖ S.Dharani of ECE department Scored 17th University rank in the Batch 2017- 2021
- ❖ Dr.S.Karthik, Head of the Department, Department of Civil Engineering received Young Researcher Award from Institute of Scholars
- ❖ Ms.M.Meenalochini received Best Young Researcher Award from Novel Research Academy, Puducherry
- ❖ Ms.S.Vinu, Ms.Roopa & Ms.Dheenu Mol received District Level Evaluator Award from National Science Forum 2021

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ANNUAL REPORT

Academic Year - 2020-2021

As the college move towards the twelfth year, the year gone by has seen many initiatives, events and activities were undergone in our college. Since 2009 to till date totally 3221 graduated from our institution.

The classes for the second, third and final year students started from 12th August 2020 and for first year students it started from 9th November 2020 through online mode due to covid 19. This year, we followed minimum 9 hours of virtual class for every unit of syllabus completion and a unit wise MCQ test were conducted immediately thereafter in the odd semester. Students took up their odd semester exams during December 2020 in which they had performed excellently and maintained our academic supremacy in Tirupur district by scoring highest pass percentage.

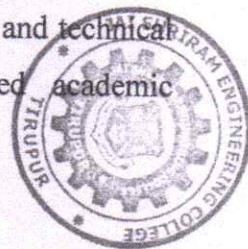
Even semester of this year started on 18th February with minimum 12 hours of virtual class per unit. The students were given ample opportunities to groom themselves towards personality development, communication development, and soft skills focusing on holistic development of students through online mode. Total number of students appeared in the final semester examination are 332 and 328 students cleared the examination.

The Infrastructure development is done where ever necessary and our trustee provide education scholarship for more about 1000 rural and poverty students. College library has a total volume of more than 27282 books in over 8043 titles. Apart from the existing volumes of 69 journals.

Activities in this year focused on all dimensions with the motive of grooming students in overall perspective. To enable this, clubs and cells, all department associations and professional body activities like IEI (Institution of Engineers-India), IETE(Institution of Electronics and Telecommunication Engineers), IEEE(Institute of Electrical and Electronics Engineers) student body and CSI(Computer Society of India) are functioning in our institution.

The Clubs/Associations have organized more than 250 programmes like workshop, seminars, guest lecturers, symposium, alumni interaction, quiz competition from the academic year of 2020 to till date for the benefit of the students. Top officials and technical experts, motivational speakers and experienced faculties from renowned academic

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institutions and industrialists have addressed and interacted with our students through these programmes. And we also conducted yoga and social awareness program for the students and faculties through club cells for the benefit of the students to meet the social challenges.

ASSOCIATION EVENT

The various departments association conducts activities of webinars, alumni talks and Virtual Hands on training program in their domains, recent technologies and research oriented topics with the motive of grooming students in overall perspective. Two Faculty Development Programs are conducted by the department of ECE and CSE to provide training in the advanced topic of Internet of Things.

The institution has conducted SZIKRA symposium in 2020 where above 100 students from various institutions has participated actively in the way to bring out their inventions to the society and appreciated by rewards.

VALUE ADDED COURSE

To equip our students on matching the ever-changing needs of industry, additional value added courses like PLC, E- CAD, Digital Image Processing, E-Sim, Internet of Things, CADD, OPTUMG3Field surveying were conducted to our students.

PARTICIPATION

89 Faculty members have participated in various faculty development programs at different institutions, and 22 of our non-teaching staff members have attended administrative training sessions hosted by the institution. Our faculty members received financial assistance for attending conferences, workshops, and other events. This academic year, our faculty members received financial support of Rs. 3,46,150/- for attending the various programs like conferences and workshops. 21 papers have published in reputed international and national journals by our faculty members.

From our institution nearly 243 students have actively attended webinar conducted by various institution in different topics through online platform, 48 also participated in various technical competition as symposium, project expo, conference both in-campus and in other institutions of repute. Totally 148 students visited their core field industries for in-plant training and internship.

Specifically the student Mr.Shankar from final ECE got award for speech competition and Mr.M.Aravithkumar, M.Bhuvaneshwaran, G.Guhan secured best project award from International Institute of Research in Multidisciplinary skill Development trust. Mr.Naveen kumar, Mr.Ragul, Mr.Sahilraj, Mr.Praveenkumar of final year Mechanical department projects has received InSc Research Excellence Award from Institute of Scholars.



NPTEL

Totally 16 NPTEL courses are certified by the faculties and 44 certified by the students. In this 56 certificates graded with elite, 3 is elite with silver and 1 is elite with gold.

PLACEMENT

A total of 240 students from various department got offer from 22 top MNC company with minimum package of Rs 3 Lak per annum in the year of 202-2021. In this academic year the highest salary package is Rs.4 lakh offered by CTS, Followed by INFOSYS offering Rs.3.60 lakh, 10 lakhs by Byjus and 3.5 lakhs by WIPRO, codillar, Fortune next and HCL.

PATENT

3 patents have filed by the faculty of ECE, CIVIL & EEE in this year.

PROJECT FUND AND CONSULTANCY

The department of Civil Engineering has done a consultancy for many industries with the support of Barani Hydraulics India Private Ltd., Coimbatore. More than 100 consultancy and testing services were done by the department of civil engineering in this year around Rs 1lakh.

The Department CSE generated around 3 lakhs fund from the government agencies. The AICTE has funded second installment amount of Rs.6,24,418 to the department of MBA for rural student skill development programme.

IQAC organized various faculty development programmes which includes FDP on outcome based education, Road Map to research & seminar on recycling of plastic composite products.


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2019 - 2020



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ANNUAL REPORT – (2019-2020)

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Even semester of this year started on 16th December 2019 with 14 days contact period per unit. The students were given ample opportunities to groom themselves towards personality development, communication development, and soft skills focusing on holistic development of students. Total number of students appeared in the final semester examination are 296 and 287 students cleared the examination.

Infrastructure development in this academic year is done where ever necessary, thanks to our management for the support rendered. Several laboratories were enhanced in this academic year. All weather road and canal work are completed in our campus.


GOVERNING COUNCIL

We have re-organised our governing council by including experts from reputed educational organizations such as IIT – Madras, Amrita University and industrial experts from Wheels India.

The Governing Council meeting had given several inputs for the working team to implement in view of its development. The college had initiated NBA approval process from this academic year. We had obtained best practices award from ICT Academy for our Self Direct Work Teams (SDWT) initiatives. In the alumni meet conducted in January 2020 more than 100 alumni had participated.

COLLEGE LIBRARY

College library is augmented with about 1500 books this year and at present it has a total volume of more than 27000 books in over 7200 titles. Apart from the existing volumes of 79 journals and 30 magazines, we have about 8TB of NPTEL materials to our library from IIT Madras. JSREC had also become a nodal center for NPTEL courses, students can appear for NPTEL courses through our college. Total investment for library is over Rupees 7.0 Lakhs this year.


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CLUBS/ASSOCIATIONS

Activities in this year focused on all dimensions with the motive of grooming students in overall perspective. To enable this, clubs and cells, all department associations and professional body activities like IEI, ACCI, and CSI are functioning in our institution.

The Clubs/Associations have organized more than 50 programmes so far in this academic year for the benefit of the students. Top officials and technical experts, motivational speakers and experienced faculties from renowned academic institutions have addressed and interacted with our students through these programmes. Several cells & clubs organized various activities.

WORKSHOPS, FDP, TRAINING

Teaching staffs of our institution have attended several faculty development programmes both in-campus and in other institutions of repute. 40 Faculty members from various departments has attended a variety of faculty development programs at different colleges for their domain enrichment. In addition with 137 faculty events like conferences, workshops, seminars, industrial training programs have attended by the faculty members in this academic year.

Management provides financial support for faculty members to attend various events like conferences, workshops, and other events. Our faculty member has received financial support of Rs.51350/- for this academic year. Our faculty members has published more than 50 papers in reputed international and national journals this year.

Faculty members are rewarded with cash prizes and appreciations for their research publications and patent publications.

SYMPOSIUM

A National level technical symposium was conducted in our college this year in which more than 100 papers had been received by the various departments. Shri. V.Manokaran Retd. Senior Additional Director, Industrial Safety and Heath , Govt of Tamil Nadu, Chennai was the resource person. The symposium was well organized by the team of our staffs and students. School of management studies had organized an inter collegiate management meet in which more than 100 students participated from 25 other institutions.

STUDENT DETAILS- JOURNALS, INDUSTRIAL TRAINING

The Tamil Nadu pollution board and the department of school education have organized a one day workshop on E- waste management in our campus in which Mr. R Ramesh, Chief Education officer , Tirupur and Smti. Nalini, District Pollution Board officer, Trichy were the chief guests.

Our students of various departments have been visiting many industries related to

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Dharapuram Road,
Avinashipalayam, Tirupur-638660.



their field every semester. In this academic year the students of EEE department visited Mas-Solar Power Station, Coimbatore, the 3rdsem and 5thsem students of ECE department visited Sunshiv Electronics and Sabari Health Care Systems, Coimbatore, for their subject awareness and academic upgradation. The 3rdsem students of Mechanical department visited Barani Ferrocast for field training.

Alumni **Mr. Manoj** made an interaction with 3rdsem students of Department of CIVIL Engineering about Google Sketch up and 3D Modeling techniques. **Mr. Rajesh Adiga**, Operational Manager, ALSTOM, Bangalore made an Online Interaction with 7thsem students of department of Mechanical engineering. A telecast was made by Pudhuyugam TV about the Institute features.

Our students actively involve themselves in proving their abilities outside our institution also, by the way of presenting papers, participating in various competitions etc., in total, in this year alone, 342 papers have published by our students in various platforms like journals and conferences of international importance. Our students attended workshops, seminars, conference and symposiums outside our institution. Through SDWT program 18 first prizes, best papers award, 300 participation certificates were received from various colleges within last one month. Our students had received 18 prizes/Best paper award continuously.

SKILL INDIA

This year our college was given the privilege of organizing District level Skill India Competition. Various competitions like Electric Installation, Brick laying, Water technology, painting and decoration were conducted in the month of January 2020, in which the our college students and the students from various colleges of our district had participated effectively. The winners of various events of the District level Skill India Competition received certificates from the District Collector in the Collectorate, Tirupur.

PLACEMENT

A total of 156 offers had been given to our students in 62 companies so far this year. Our college has organized five mega placement pool drives in which around 300 students from 22 colleges participated.

Our college has also organized Industry 2.0 in which the HR's of 8 companies were invited. They had a wonderful interaction with our college students which was very helpful for our students and it turned out to be a huge success.

The department of Training and Placement organized HR Conclave YOU 2.0 in our campus in the month of December 2019 in which Mr. Periasamy Subramanian, Chief Executive Officer, Atal incubation center, Govt. of India, NIFT TEA Apparel and


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



Knitwear division was the chief guest and Shri T. R Vijaykumar, secretary, Tirupur Exporters Association was the guest of honor. About 7 eminent personalities from HR Domain interacted with the students and this event turned out to be huge success and was very helpful for our students.

To take part in internship activities, our 2nd and 3rd year students have registered themselves in Internshala.

CIVIL DEPARTMENT CONSULTANCY

The department of Civil Engineering has done a consultancy for many industries with the support of Barani Hydraulics India Private Ltd., Coimbatore. More than 100 consultancy and testing services were done by the department of civil engineering in this year worth around 1.2 lakhs.

FUNDING PROPOSAL AICTE

Around 8 online and offline AICTE funding proposals were sent amounting to around 1 crore 80 lakhs.

FUNDING PROPOSAL TNSTC

109 funding proposal were sent to various funding agencies this year by our staff. One proposal is sanctioned for Rs.40,000 by ICMR to organize a national level seminar. TNSTC had sanctioned Rs.10,000 as project funding for MBA department, and Rs. 7000 for the Department of Civil Engineering.

In association with Kingmakers IAS academy Chennai we had started Jay Shriram IAS Academy to train our students for competitive exams in which 101 students registered and taking their training.

In view of enhancing green cover over 2000 seed balls were distributed to our students and I am sure that this effort will continue.

SEMINAR HALL

The National council for science and Technology Communications, organized 27th National Children's science congress 2019 in our campus in which over 200 students from various schools participated and displayed their project works. Our 1st year faculty members acted as the jury members and selected the best projects. The students whose projects were selected, were to participated in the state level project contest at Vellore.

Our students are encouraged to start-up their own enterprise. Entrepreneurship development cell is encouraging and guiding students in association with EDI Chennai, DIC Tirupur, NEN and guiding them to become an entrepreneur.


PRINCIPAL
Jai Shriram Engineering College
Dharapuram Road,
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2018 - 2019



JAI SHRIRAM ENGINEERING COLLEGE

(Approved by AICTE, New Delhi Affiliated to Anna University, Chennai)
Dharapuram Road, Avinashipalayam, Tirupur – 638 660.


ANNUAL REPORT – (2018-2019)

The annual report of the academic year 2018-2019. The classes for the second, third and final year students started this year from 2nd July 2018 and for first year students from September 03, 2018. This year, we followed 14 days contact period for every unit of syllabus coverage and a test immediately thereafter in the odd semester. Students took up their odd semester exams during November/December 2018 in which they had performed excellently and maintained our academic supremacy in Tirupur district by scoring highest pass percentage. Even semester of this year started on 19th December 2018, with 13 day contact period per unit. Total number of students appeared in the final semester examination are 453 and 303 students cleared the examination.

Infrastructure development in this academic year is done wherever necessary. The food court of the college had been enhanced and breakfast and lunch are provided at a subsidized cost to the students, thanks to our management for the support rendered. Several laboratories were enhanced in this academic year to meet out the new regulation requirements. The college buildings are being repainted, sports facilities are enhanced and a new athletic track has been formed.

College library is augmented with about 2600 e-books this year and at present it has a total volume of more than 30000 books in over 8200 titles considering bound volumes and e-books. Apart from the existing volumes of 78 journals and 30 magazines, we have about 8TB of NPTEL materials to our library from IIT Madras. Total investment for library is over Rupees 6.0 lakhs this year. Our college being a nodal center for NPTEL courses, over 100 students and staff had registered and taken various NPTEL courses.

The Governing Council of our institution has been added with experts from reputed industries such as Rane Brake Linings Limited, Barani Hydraulics India Pvt. Ltd. The Governing Council, in its meeting, had given several inputs for the working team to implement in view of the development of our institution. We have initiated activities for accreditation by National Board of Accreditation before the end of this year and ISO certification for quality management system by another three months.


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Dharapuram Road,
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Internal Quality Assurance Cell of our college, in which students and parents are members along with faculty team, contributes for innovations in teaching learning process, thus making it continuously improving.

The students were given ample opportunities to groom themselves towards personality development, communication development, and soft skills focusing on holistic development of students. This year we have started in house training activities for our students in the area of soft skill development, aptitude and communication skill. Skill development training is made as a compulsory activity for every student and included in the time table itself. A special communication trainer has been appointed to improve the communication abilities of our students.

To equip our students on matching the ever-changing needs of industry, additional courses were conducted in our college. Various value adding courses like Pro-E-Creo, ANSYS, ABAQUS, MS PROJECT, VASTHU and ESTIMATION, COMSOL, STADD-PRO, RIVET, CADD, HTML and CSS, PHP and My SQL, Android, IoT, GCC, Advanced PYTHON programming, Embedded C, Arudino programming, Optimization techniques, PCB design, E-Tab, Application of research in social sciences, building drawing, Origin-pro, MATLAB, MINI Tab, XLSTAT, STATA, PLAXIS, OPTUMG3 Field surveying, total station were conducted to our students. More than 850 students attended these courses and got immensely benefitted.

13 of our faculty members and teaching staff members have attended a faculty development programs/administrative training programs at different colleges. Financial support is provided to our faculty members so they can attend conferences, workshops, and other events, our faculty member obtained funding of Rs. 1.04 lakh for the same. Almost all of our staff had attended faculty development programmes outside the college including trainings and internships in industries like Barani Hydraulics, Sharp pumps, super springs, RA fax, Surfing tools, Wheels India, Prime Bio medical systems, Sanjeevi products, Yuken India, Super Auto Forge, Tech 7 Automation, PR Automation, CloudZoo etc. Our staff had published 60 papers in reputed international and national journals this year. Ten faculties are presently pursuing Ph.D., Dr.M.Ramesh HOD-Mechanical and Dr.K.Sampathkumar HOD-EEE had presented a paper and received "Best Academician and Researcher Award" by Innovative Scientific Research Professional, Malaysia.

Activities in this year focused on all dimensions with the motive of grooming students in overall perspective. To enable this, clubs and cells, 7 department associations and

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Avinashipalayam, Tirupur-638660.



professional body activities like IEI, ACCI, and CSI are functioning effectively. This year we have signed several MoUs with various organisations with the focus of our students' development.

Every club, cell and association had organised several programmes and in total they have organized 103 programmes so far in this academic year for the benefit of the students. Top officials and technical experts, motivational speakers and experienced faculties from renowned academic institutions have addressed and interacted with our students through these programmes.

Six national level technical symposiums were conducted in our college this year. More than 500 papers had been received by the departments and the symposiums were well organized by the team of our students. We are in the process of conducting third international conference at our college on 7th March 2019.

YRC / NSS had organised several programmes and more than 2000 seed balls were distributed to our students for sowing. Several programmes were organised related to environmental protection. Blood Donors Club of our institution in which many students and staff members are members donated more than 100 units of blood so far this year. NSS of our college had organized 2 blood donation camps and one external field programme.

Pongal has been celebrated in our college this year with traditional approach and all the students enjoyed it very much.

As a part of our 10th year celebrations, we organised a grand alumni meet on 26th January 2019. Out of 2900 Alumni who completed their UG or PG programme here, nearly 1000 had attended the meeting and enjoyed the re-union besides affirming their affinity with the institution.

Our students actively involve themselves in proving their abilities outside our institution also, by the way of presenting papers, participating in various competitions etc., in total, in this year, 124 papers have been published by our students in various platforms like journals and conferences of international repute. 1028 of our students attended workshops, seminars, conference and symposiums outside our institution. Our students continue to receive several prizes and best paper awards this year also.

11 of our students attended the youth summit organised by ICT academy of Tamilnadu at Coimbatore. During the winter vacation of this year 354 of our second, third, final year students belonging to all disciplines underwent industrial training in various

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Dharapuram Road,
Avinashipalayam, Tirupur-638660.



industries related to their discipline. Our students got prizes in Road Safety week competition, slogan writing competition, etc. Seven of our student batches have applied for Smart India Hackathon competition and results are awaited.

Our students have performed well in sports also and represented our college in Anna University zonal level sports events such as Kabbadi, Football, Volleyball, Basket ball, Hand ball, Cricket, Kho-Kho and in Athletics. Our students Ms.Mohana Priya of III year ECE and Ms.S.Atchaya of III year Civil bagged prizes in the zonal level Anna University athletic meet. Ms.S.Atchaya had represented Anna University zone 12 in athletics in inter zonal athletic meet.

An Academia Industry Meet had been conducted for our students in which experts from Sanmina, Zeta Global interacted with our students regarding preparation towards career development. In addition, dignitaries from organisations like Pricol, Renault Nissan, Mindnotix technologies, VI Solutions and Mahindra & Mahindra had visited our campus and interacted with our students. More than 50 industrial guests had shared their experience and expertise to our students throughout the year.

In total 231 offers had been given to our students in reputed companies so far this year. The levels of companies in which our students are placed this year are higher and more students got placed in core companies related to their field.

More than 200 consultancy and testing services were done in this year worth Rs.3 lakhs. 32 funding proposals were sent to various funding agencies this year by our staff. TNSCST had sanctioned a research project to our Management department.

Our students are encouraged to start-up their own enterprise. Entrepreneurship development cell is encouraging and guiding students in association with EDI Chennai, DIC Tirupur, NEN and guiding them to become an entrepreneur.


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