



SRI RAAJA RAAJAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE - New Delhi & Affiliated to Anna University, Chennai.
Amaravathipudur - Karaikudi

BEST PRACTICES – 1

***Skill Development courses for enhancing Employability and
to promote Entrepreneur Eco-system***

ABOUT THE CENTRE:

- On interaction with recruiters, we came to understand that students need to be practically exposed to recent technologies. Hence by collaborating with Institute of Entrepreneur and Career Development - Bharathidasan University, Trichy, ***Jairaam Skill Development Centre*** was established at SRRCET to imbibe the skills to the Engineering Students in March, 2021.
- An MoU has been signed with Bharathidasan University, Trichy in this regard.
- The Jairaam skill Development Centre was established with the goal of enhancing the students' personal and engineering abilities and making them employable
- Students are given detailed introduction to the scope and opportunities available for their field of specialization and about the courses (35 Certificate / Diploma short term courses) offered through this Centre.
- During their third-year, students are provided with various opportunities to enhance their domain knowledge and also enhance their presentation and communication skills.

The Practice:

1. Right from the Second year, the students of SRRCET have to select at least One Certificate/Diploma programme for each semester. When they complete their Degree programme they will be completing 5 to 6 Certificates/Diploma Programmes.
2. Certificate/Diploma courses are properly conducted in the allotted periods. All the labs have been equipped with latest Equipment for conducting Skill Development Courses.
3. Experts are invited to provide training on the latest Technologies viz. Artificial Intelligence, Cyber Security, Robotics etc.
4. More number of practical classes are conducted so that the students are properly trained and gain practical knowledge in the relevant area.
5. Industrial visits are also arranged.
6. Placement Programmes are organized for the Engineering Graduates, after completing the Skill Development courses.

OBJECTIVE:

The Jairaam skill Development Centre was established with the goal of enhancing the students' personal and engineering abilities and making them employable.

To train students in every domain of human activity with a perfect balance of individual growth and community development.

SPECIAL FEATURES:

1. Sri Raaja Raajan College stands out since it is the only engineering college in Tamilnadu that offers university-accredited diploma/certificate degree.
2. The student of any discipline can opt any certificate/Diploma course related to any discipline For example, the Students of Computer science and Engineering students can select Architectural Design of Civil Engineering. Civil Engineering students can select Artificial Intelligence course belong to Computer Science and Engineering.
3. Engineering Students will get more practical exposure. The curriculum has been designed by giving more thrust to practical knowledge.
4. Each Engineering Graduate has the opportunity of studying 5 to 6 certificate / Diploma courses before they complete their Degree Programmes.
5. The Certificates are directly issued from the University (Bharathidasan University) which has approved the Skill Development Courses offered by SRR CET.
6. Skill Development courses help the students to get placement in the Leading companies.

CERTIFICATE COURSES:

- Mobile App development web design
- Mobile servicing (Android & I Phone training)
- CCTV installation and maintenance
- Electrician and plumbing
- Electrical service and maintenance
- Approval drawing or Blue print (AutoCAD)
- Architectural design
- Estimation and Quantity Surveying
- CNC operator

- Two wheeler four wheeler servicing
- AC & fridge Technician
- Industrial robotics material handling systems
- Electric - vehicle service maintenance
- Fish culture Management
- Poultry keeping
- Bharatanatyam
- Carnatic vocal
- Fashion technology
- GST
- Welding
- Cinematography
- Veenai

DIPLOMA COURSE

- Cyber security
- Artificial intelligence and machine learning
- Internet of things(IoT)
- Computer Application
- Montessori training
- Guidance and counseling
- Food production beverage services
- Mechanical and Electrical plumbing

SHORT TERM COURSE

- Hardware & Networking
- Electrical AutoCAD
- Carpentry and Mason work
- Bee keeping
- T.V service & Maintenance Training

FACULTY COORDINATOR

- 1. Mr. V. MAHALINGA SURESH, HOD/S&H**
- 2. Miss. R. NIVETHA, AP/ECE**

ACTIVITIES PERFORMED:

I BATCH

16 Diploma/Certificate/Short term courses were conducted in the First batch of the Skill development courses. This includes Cyber security, Mechanical and plumbing, CCTV installation, Architectural design, Mobile servicing, etc. This was inaugurated by the former Vice Chancellor of Bharathidasan University, Trichy. 528 students from all branches of Engineering attended the Certificate Courses. The graduation ceremony for them was held on March 13, 2022. Dr. Ramganesh, Director, IECD, Bharathidasan University conferred the degrees to the Participants, who have successfully completed the Programme. About 200 B.E. final-year students obtained Completion Certificates for two or three Diploma/ Certificate courses in addition to their B.E. degree.



First batch inauguration conducted on 27.03.2021



First batch Convocation conducted on 13.03.2022

II BATCH:

In the Second batch, various Diploma / Certificate courses including AI and Machine learning, TV servicing, Fish Culture, Estimation and quantity surveying, etc. have been conducted. In total, 539 Engineering students received diplomas at graduation ceremony.



Second batch inauguration conducted on 22.12.2021



T.V Servicing course



Fish culture Management



AI and Machine learning



Estimation and Quantity Surveying



Second batch Convocation conducted on 21.10.2023

OUTCOME:

1. The following improvements are observed in the students, after successful completion of the Training:

- Improvement in the personal and technical skills of the students.
- Huge difference in their communication skills, their attitude in facing the interviews and confidence levels of individuals.
- Students stood different from others on the Out of Box qualities such as Leadership Skills, Effective Team Player, Strong Technical Skills, High IQ Level, Ability to Balance Work and Life, etc.

2. It is noteworthy that all students who have completed the course in First Batch got placed, based on the skill developed. They have all joined government and private-sector enterprises. It is remarkable that more than 25 students found placement overseas using their Skill developed. Few examples:

➤ **N. MOHAMED USMAN** (2020-2021 batch) placed as Site Engineer in Falcon Pvt. Ltd., Chennai, - benefited by studying Estimation and Quantity Surveying.

➤ **D. JOTHIKA** (2020-2021 batch) placed as Technical Production Engineer in Team Technology India Pvt. Ltd., Chennai - benefited by studying Mobile servicing (Android & I Phone training).

➤ **N. VIGNESHWARAN** (2021-2022 batch) placed as Apprentice Trainee in Power Grid Corporation of India Ltd, Karaikudi Substation - benefited by studying Electrical Auto CAD.

➤ **S. ABIRAMI** (2020-2021 batch) placed as AR Analyst Global Health Billing Partners Pvt. Ltd, Velachery, Chennai - benefited by studying Artificial Intelligence and Machine Learning.

➤ **B. GUNASEKARA PANDIYA** (2020-2021 batch) placed as Design Engineer, KRR Heavy Engineering Pvt. Ltd. - benefited by studying CNC Operator course.

➤ **DAISON VIMALRAJ** (2020-2021 batch) placed as Design Engineer, Akkodis, Bangalore - benefited by studying Two Wheeler and Four Wheeler Servicing.