



# K.S. RANGASAMY COLLEGE OF TECHNOLOGY

Estd. 1994

(An Autonomous Institution)

(Approved by AICTE & Affiliated to Anna University, Chennai)

Tiruchengode - 637 215 Namakkal Dt. Tamil Nadu

## TNEA Counselling Code

**2607**

**K**nowledge

**S**kills

**R**einvented



### Salient Features



### Ranking & Accreditation



BT, CSE, EEE  
ECE, IT, TEX



**Excellence in  
Engineering  
Education !**

**Rs.6.5 Crore Grant-in-aid from NTM**

[www.ksrct.ac.in](http://www.ksrct.ac.in)

/ksrct1994



Lt. Ln. Dr. K.S. Rangasamy, M.J.F.  
Founder  
K S R Educational Institutions

## Warm Greetings!

K.S.Rangasamy College of Technology has established an ecosystem with the aim of imparting quality education, research & development and incubation so as to kindle innovation and startup acumen to all our students. We give top priority to discipline and knowledge. The Institution provides necessary infrastructure and a team of qualified and motivated faculty all under one roof for the student community.

KSRCT provides transformative learning experiences to create enterprises through innovation and entrepreneurship culture in the campus, fosters an agile mindset and prepares budding engineers, technocrats to contribute their skills to Indian and global economy. The campus exudes a multi-cultural atmosphere with students from all corners of the Country. Experienced and dedicated teachers nurture the students to help them evolve as insightful individuals.



Thiru. R. Srinivasan  
Chairman  
K S R Educational Institutions

## Vision

To produce the most competent Scientists, Engineers, Technologists, Entrepreneurs, Managers and Researchers through quality Education.

## Mission

To achieve academic excellence in Science, Engineering, Technology, Management and Research through objective and innovative teaching methods; dedicated and duty conscious faculty; continual and consistent updation of facilities; welfare and quality improvement of the faculty and a system of continual process improvement.

## Courses Offered

### Under Graduate Programmes

- ✦ Civil Engineering
- ✦ Biotechnology
- ✦ Artificial Intelligence and Data Science
- ✦ Computer Science and Business Systems
- ✦ Computer Science and Engineering
- ✦ Computer Science and Engineering (AI&ML)
- ✦ Electrical and Electronics Engineering
- ✦ Electronics Engineering (VLSI Design & Technology)
- ✦ Electronics and Communication Engineering
- ✦ Food Technology
- ✦ Information Technology
- ✦ Mechanical Engineering
- ✦ Mechatronics Engineering
- ✦ Textile Technology

### Post Graduate Programmes

- ✦ Computer Science and Engineering
- ✦ Industrial Safety Engineering
- ✦ Power Systems Engineering
- ✦ Structural Engineering
- ✦ VLSI Design
- ✦ **Biotechnology\*** \* Sponsored by DBT, New Delhi
- ✦ Nano Science and Technology
- ✦ Textile Technology
- ✦ Data Sciences
- ✦ Food Technology
- ✦ Master of Business Administration

### Ph.D. Programmes

- ✦ Biotech, Civil, CSE, IT, EEE, ECE, Mech, Mechatronics, Nano Tech, Chemistry, Maths, Physics & Management

# Why KSRCT?

Clean Green Digital Campus



NIRF Innovation 2023 Rank Band: 51-100



Opportunities to receive Grant-in-Aids through Section 2(f) & 12(B) of UGC Act 1954



M.Tech. Biotech sponsored by DBT, New Delhi



Industry driven Curriculum



Accredited by NAAC with A++ Grade



DST - FIST & DBT - STAR sponsored Institute



6 UG Courses accredited by NBA Tier-I



## Salient Features

Curriculum to meet Industry 4.0

Learning by doing/ Project Based Learning

Choice Based Credit System

Mentors from Industries/ Alumni Mentor

One Credit & Fast track courses

Incubation and Startup ecosystem

Credits for Industrial Training/Internship

Assured Career Opportunity

## Prime Focus

Activity / Project Based Learning

Creativity & Innovation | Social Responsibility

Skill Development Activities / Industry Collaboration

Engineering Graduate > Engineers

Science and Technology shall solve Societal Problems

## Ranking



➤ "Top Performing NDLI Club" across India in 2023



➤ 48<sup>th</sup> Position in "AICTE Internshala – Student Internship Programme 2022 at All India Level"



➤ 137<sup>th</sup> Rank in "The Best Colleges of India" as per India Today Survey 2023



➤ Secured AAA Grade in "India's Best Private Engineering Colleges" Rating by Careers 360 in 2023



➤ 168<sup>th</sup> Rank in "Top Engineering (Pvt.) College in India as per The Week Magazine Survey 2023

## INSTITUTION RECOGNITIONS



ICT Academy – Best Member Institution Award 2023



AICTE Lilavati Award



National Level 2<sup>nd</sup> Place in "FutureSkills Prime"



NIRF Innovation 2023 Band 51-100

## AWARDS & RECOGNITIONS

- ◆ "Bhumi Campus Award 2022" for Best Volunteer Engagement towards Social Responsibility
- ◆ Recipient of "AICTE Lilavati Award 2021-22" - Women and Adolescent Health Category
- ◆ Recognized with "4 Star Rating" (Highest Rating) by MoE - Institution's Innovation Cell 2022
- ◆ "Platinum Category (Engineering & Management)" in AICTE - CII Survey
- ◆ Third Position at National Level in "Learnathon 2022" by ICT Academy, Tamil Nadu

## FACULTY AWARDS



Dr.G.Karthikeyan  
"Best Leadership Award"  
from National Science Foundation



Dr.A.Murugesan  
"Best Engineer Award" from  
The Institution of Engineers



Dr.B.Kalpna  
"Innovation Award in PGPR" from  
International Asian PGPR Conference, Malaysia



Dr.K.Yuvaraj  
"Best Doctoral Thesis Award" from  
Indian Concrete Institute -Ultratech

Education is one thing no one can take away from you



## AICTE IDEA LAB

Rs.1.46 Crore worth IDEA Lab to facilitate conversion of Idea into Prototype

## Technology Business Incubator

### ACIC - KSRCT Incubation Foundation

A section 8 company

Rs.5 Crore worth ACIC to facilitate Innovation and Startup ecosystem in the under served areas



## MSME Incubation Centre

**6** Ideas **KSRCT MSME BUSINESS INCUBATOR** **MSME IDEA HACKATHON 2.0 WINNERS** Total worth of ₹ **72.3** Lakhs

<p>Dr. B. Sankaranarayanan Prof. IIT</p> <p>₹ 5.295 Lakhs</p> <p>Karthikayyan S. I.T. IV Year, Muthukumar S. I.T. IV Year, Raghavraj P. I.T. IV Year</p>	<p>Mr. S. Hari Prasad MCI, MCI</p> <p>₹ 13.50 Lakhs</p> <p>T. Surya Prakash. MCI, III Year, M. Uthya Kumar. MCI, III Year, S. Karthick Srihar. MCI, III Year</p>	<p>Mr. S. Hari Prasad MCI, MCI</p> <p>₹ 13.75 Lakhs</p> <p>S.G. Sakethi Kumar. MCI, III Year, E.V. Abhith. MCI, III Year, Abheer Philip. MCI, III Year</p>
<p>Dr. S. Sureshbabu Prof. IIT</p> <p>₹ 8.885 Lakhs</p> <p>Karthikumar M. I.T. IV Year, Govindharan R. I.T. III Year, Manisha T.K. I.T. III Year</p>	<p>Dr. N. SURESH Prof. IIT</p> <p>₹ 14.50 Lakhs</p> <p>M. Suprasannarayan. IIT, IV Year, K. Manikandan. IIT, IV Year</p>	<p>Mr. S. Hari Prasad MCI, MCI</p> <p>₹ 14.61 Lakhs</p> <p>R.M. Yashwanth. I.T. IV Year, R. Gopal Nath. S. I.T. IV Year, S. Manisha S. I.T. IV Year</p>

### KSRCT MSME Business Incubator

Rs.1 Crore worth Incubation unit supported by MSME

2 Ideas (Rs.21.8 Lakhs) - MSME Hackathon 1.0  
6 Ideas (Rs.72.3 Lakhs) - MSME Hackathon 2.0

## Institutions Innovation Council

Ministry of Education

### Institutions Innovation Council

A council to promote Innovation and Entrepreneurship ecosystem in the campus

IIC 4.0 - Highest Star Rating  
Mentor Institute

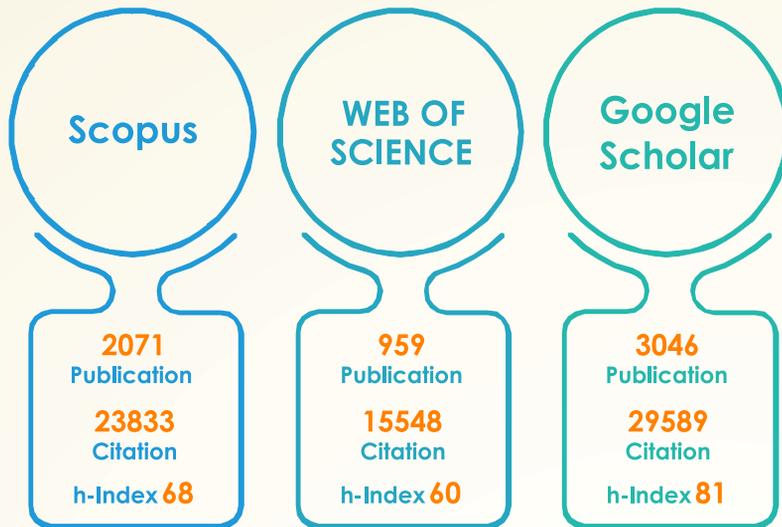


Best Innovative Project Stall @ IIC Regional Meet 2022

## Support Services

Training	Seed Fund	Product Development	Consultancy
Mentoring	Incubation	Commercialization	IPR
Networking	Start-up	Marketing	

# RESEARCH & DEVELOPMENT



Books/ Chapters



Conference Proceedings



Patent

Copyright



<https://ksrct.irins.org>



<http://ksrei.researgence.com>



Grant - in - Aid



Linking Researchers and Resources

541.36 Lakhs

Research Grant (5 Years)



DEPARTMENT OF BIOTECHNOLOGY  
Ministry of Science & Technology  
Government of India



134.24 Lakhs

Consultancy (5 Years)

## 13 Research Centres

- Centre for Material Processing
- Centre for Robotics and Automation
- Centre for Building Science & Technology
- Centre for Cloud Computing
- Centre for Electronics and IoT
- Centre for Electrical & Smart Grid
- Centre for Microbial Biotechnology
- Centre for Nano Science and Technology
- Centre for Apparel Design
- Centre for Mathematical Modelling
- Centre for Sustainable Chemistry
- Centre for Management Research
- Centre for Data Science

### Others

- Centre for Food Analysis and Safety
- Centre for Language Enrichment

Ph.D. Registered

65

Ph.D. Awarded

81

## LIST OF FUNDING AGENCIES



Ministry of Earth Sciences  
Government of India



Ministry of New and Renewable Energy  
Government of India



Indian Council of  
Social Science Research

icmr भारतीय अनुसंधान  
अनुसंधान परिषद



DEPARTMENT OF BIOTECHNOLOGY  
Ministry of Science & Technology  
Government of India



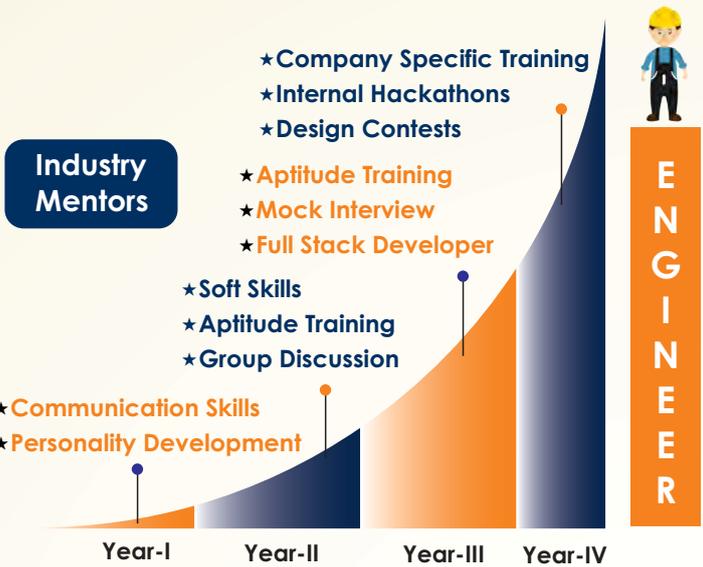
NITI Aayog



UGC  
University Grants Commission

NCERT  
National Council of Educational Research  
and Training

& more..



- Core Engineering**  
 Auto CAD, PTC Creo, Solidworks, Ansys, Edge CAM, Staad Pro, Revit, BIM, Primevera, SIEMENS TIA, etc.,
- Electronics Engineering**  
 Auto CAD, MATLAB, LabVIEW, KEIL Fr51, OFC, PLC, VFD, SCADA, FPGA, Aphelion Dev, MultiSIM, Tanner tool, etc.,
- Computer Science**  
 Java, .net, Python, Rational Rose, Citrix, R Tool, Xampp Server, Eclipse, Oracle 11g, Adobe Flash, Visual studio
- Life Science**  
 Reach CAD, Winsoft, NOVA, Origin, FlexX, Pymol, Modeller 22v7, Autodock / Pyrx, CLUSTAL OMEGA

## Certified Trainers

- ★ Oracle Certified Associate Java SE8 (OCJP) Programmer
- ★ Virtusa Certified Faculty in Testing / .Net Developer
- ★ Wipro Certified Faculty in Full Stack Developer
- ★ Faculty with Gold, Silver & Bronze medals in Infosys Campus Connect
- ★ Red Hat Certified System Admin & Red Hat Enterprise Linux 8 Global Certification

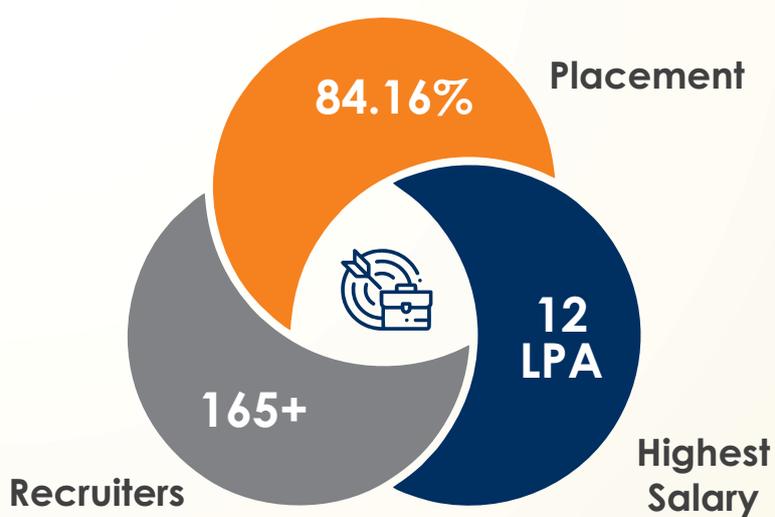
**AICTE Trained Technical Gurus**  
**Smart Manufacturing and Electronics**

## Internship



- ★ Secured 48<sup>th</sup> position among 2830 colleges in AICTE - Internshala 2022.
- ★ Internship is made mandatory for the students from R2018 Regulation as per AICTE guidelines.

## Placement (2022-23)



## Notable Recruiters





PTC's Design Lab



Virtusa's Testing & .Net Lab



Aspire's FSD lab



IoT Lab  
Enthi Technology



Microbiology Laboratory  
Ellis Biotech



Microbiology Laboratory  
TRM Biotech

## Special Labs



Animal House Facility



Additive Manufacturing Lab



Industrial Automation lab



Environmental & Toxicology Lab

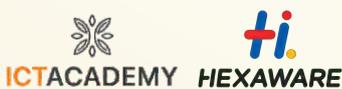


Plant Tissue Culture Lab



Technical Textile Lab

## Centres of Excellence/MoUs



# PROFESSIONAL MEMBERSHIP



**SALIS - Best Librarian Award**



**ISTE - Best Chapter Secretary Award**



**SAEINDIA - Best Volunteer Award**

## e-Learning tools @ KSRCT

Programming Skill Development System



Digital Assisted Language Learning System



Online Learning Portal



Online Assessment System



## e - Governance

**KSRCT College  
Management System**



**Library**



**Placement**



## Library

### Books

1,07,823+ Books  
1,83,876+ e-Books  
5064+ Reference Books

### Back Volumes

7523+ Back Volumes  
3,554+ Project Reports  
180+ Doctoral Theses

### Periodicals

6917+ e-Journals  
330+ Journals &  
Magazines

### e-Resources

583+ Video Course  
Materials  
8296+ Non-Book  
Materials

# CO-CURRICULAR



Winner - TN Police Hackathon 2022



Recipient of RADARTHON 2023 at KIIT TBI - Odisha



Secured First Prize "HACKFEST-23"



Fourth Position in Go-Kart Championship Event



Recognized as one of the "INDIA'S BRIGHTEST ENGINEERING MINDS"



Runner in "ICT Academy Youth Talk - 2022"

# EXTENSION ACTIVITIES



"All India Vayu Sainik" Camp 2022



"Unity Flame Run" from Kanyakumari to New Delhi



NSS Plastic Awareness Campaign

# Service Motto Volunteers



"Joy of Giving" by SM Volunteers at TEXVALLEY



One Student One Tree



Bisexual day event



Skit on Dengue Awareness

# SPORTS ACHIEVEMENTS

**Badminton - State**  
Gold – 2021-22, 2019-20, 2018-19  
Silver – 2021-22  
Bronze – 2019-20

**Cricket – University**  
Gold – 2018-19, 2019-20, 2020-21  
Silver – 2017-18

**Kho Kho- Inter University**  
Gold – 2018-19  
Bronze – 2020-21

**Badminton Men University**  
Gold

**Hockey - University**  
Silver-2020-21, 2017-18

**Hand Ball – Inter University**  
Gold- 2019-20

**Tennis Men – University**  
Bronze

**Athletics Inter University**  
Gold – 2016-17, 2018-19  
Bronze – 2020-2021

**Basket Ball- Inter University**  
Bronze – 2022-21

**Silambam – University**  
3 Gold, 2 Silver

**Takewondo – National Championship**  
2 Bronze – 2021-22

**K.S.RANGASAMY COLLEGE OF TECHNOLOGY (Autonomous) Tiruchengode**

Hearty Congratulations to

**Mr. K.Rajkumar**  
1 Year M.E (2022-2024 Batch)

for selected in **TNPL BA11SY TRICHY** Team

**BA11SY TRICHY**

"So pleased to see you accomplishing great things"

**K.Rajkumar M.E. | Year**  
Selected in "TNPL BA11SY TRICHY"



**K.Hindhu Priya B.Tech(BT) | Year**  
won Anna University Inter zone "Silver Medal"



**First Position in NEWS 7 Cricket League 2023**  
Won 1 Lakh Cash Prize



**First Position in Anna University Cricket Tournament 2023**



**Crossminton National Championship Jammu & Kashmir**



**K. Adarsh**  
Silver Medal in Weight Lifting Competition



**R. Arnica M.Tech (BT)**  
Representing Anna University Kho-Kho



**Third Position**  
Fashion 2022 Glitz

# Thrust Areas

✦ Additive Manufacturing

✦ Artificial Intelligence

✦ Augmented and Virtual Reality

✦ Block Chain

✦ Cancer Biotechnology

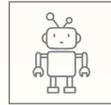
✦ Cyber Security

✦ Data Sciences

✦ Drones

✦ Electric Vehicles

✦ Fashion Garments



✦ Industrial IoT

✦ Internet of Things

✦ Lean Construction Techniques

✦ Machine Learning

✦ Medical Textiles

✦ Pharmacogenomics

✦ Robotics & Automation

✦ Quantum Computing

✦ Wearable Devices

✦ 5G Technology

## Alumni Footprints

★26,353 Alumni across the Globe

★CEOs, Entrepreneurs, Scientists, IIT & NIT Professors, Government Officials, etc.



## For Admission

**K.S.Rangasamy College of Technology**

K.S.R. Kalvi Nagar,

(Tiruchengode - Erode State Highway)

Tiruchengode - 637215, Namakkal (Dt.),

Tamil Nadu, India.

+91 92808 08082 | +91 94455 88688



[admission@ksrct.ac.in](mailto:admission@ksrct.ac.in)



<http://ksrct.ac.in/>