TRAINING DEVELOPMENT AND PLACEMENT CELL

KAMARAJ College of Engineering & Technology

S.P.G.Chidambara Nadar - C. Nagammal Campus,

S.P.G.C. Nagar, K.Vellakulam - 625 701,

Near Virudhunagar, Madurai District

About the College:

- One among the top 150 Engineering colleges in India (based on evaluation done by National Institute Ranking Framework – NIRF 2017)
- Established in the year 1998 and is located in Madurai district (Near Virudhunagar).
- Accredited by NAAC with "A" grade
- Awarded the Best institution providing good infrastructure for learning, from the Cybermedia Research Group (Data Quest)
- SEED (Society for Educational & Entrepreneurship Development) has awarded "SIIP – 2016" (Sustainable Institute Industry Partnership Award)

Vision

To make this Institution the unique of its kind in the field of Research and Development activities in this part of world

Mission

To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through " TOTAL QUALITY EDUCATION "

Quality Policy

Committed to impart Quality Technical Education imbibed with proficiency, human values and continual improvement.

About TDP Cell

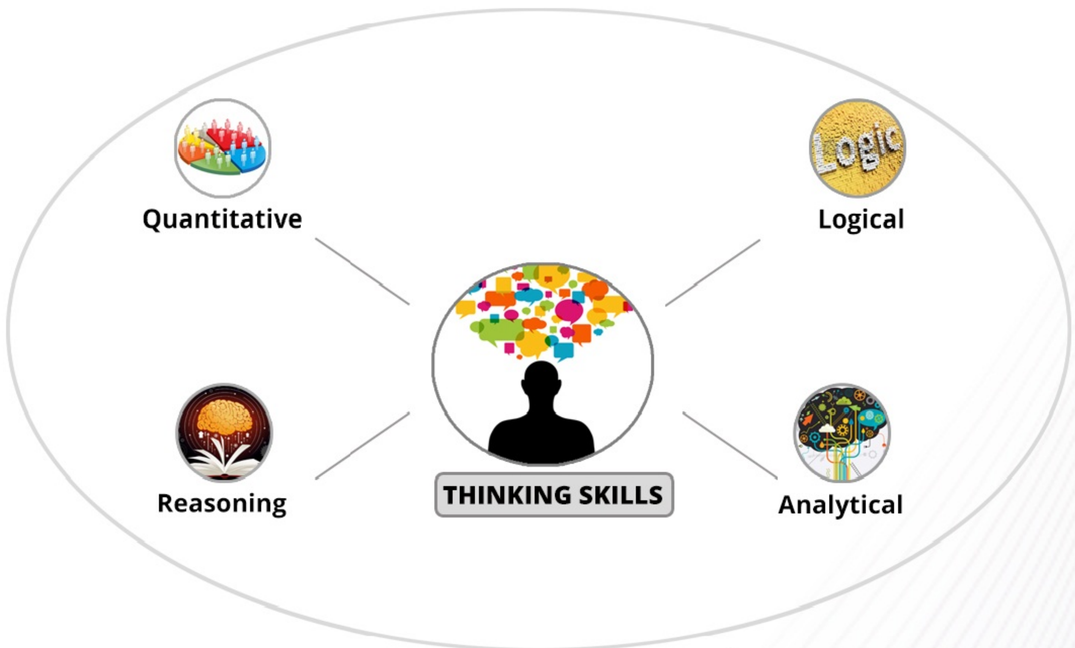
Training Development and Placement Cell is aimed at helping the students to improve their skills based on the expectations of the industry. This work on improving skill does start from day one. The students are exposed to communicative English and soft skills during their first year. In the following year, more focus would be on thinking skills. During the third and the final year more emphasis is given to conceptual understanding of the subjects and programming. Special Traninng on Java, Python, R- Programming, Data Science and Big data analytics is given, to deliver deployable Engineers.

It is possible for TDP to achieve all the above with a team of language trainers and aptitude trainers. TDP also have people comprises of specialized in computer science, Psychology, Electrical Engineering, Electronics Engineering and Mechanical engineering as a part of our team.

Students are encouraged to take international certifications like Oracle Certified Java Professional (OCJP), Business English Certification (BEC), Cisco Certified Network Associate (CCNA), Certified LabVIEW Associate Developer (CLAD), Coursera Certifications on recent technologies and IBM certifications.

The department aims at providing a better career to all the students, there by supporting the nation's growth.

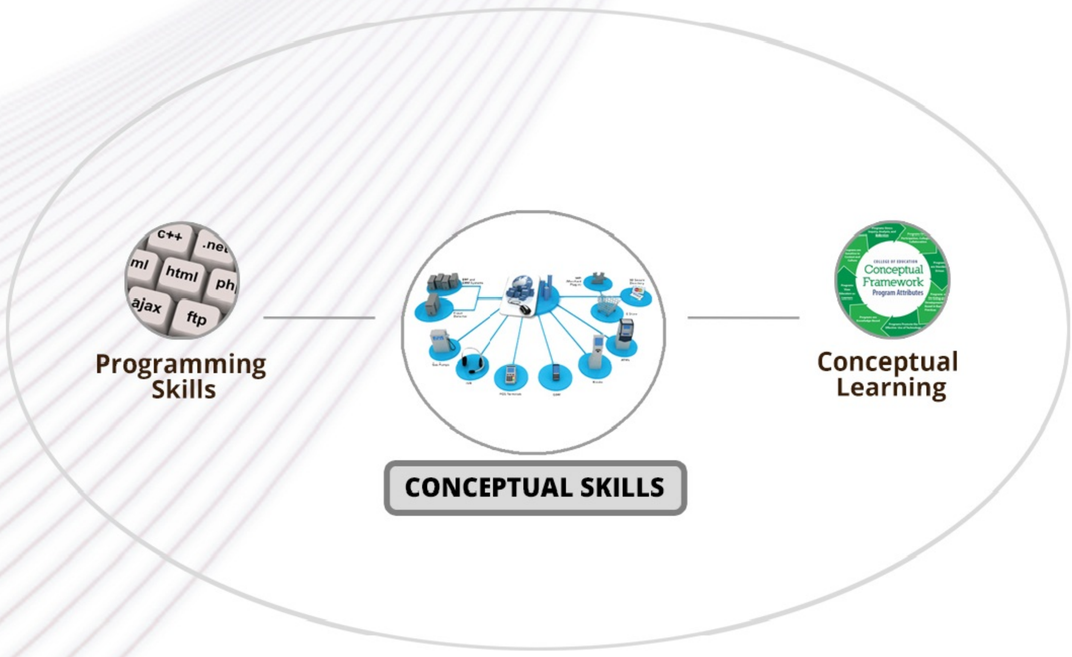
Skills Chart



We work to develop these skills

A structured methodology to improve skills

A well researched and creatively designed framework for learning



A few of our recruiters

Motherson Sumi Systems Limited
ZOHO
ZENTRON LABS
TATA CONSULTANCY SERVICES
Bharat Biotech Lead Innovation
Cognizant Technology Solutions
Xmplar Keep Growing
Apptivo
JASMIN INFOTECH
solartis
KUMARAN SYSTEMS ENGAGE | EMERGE | EXCEL
Caliber Interconnect Solutions design for perfection
vuram Services, Redefined.
Tech Mahindra
Infosys
Odessa Technologies
VERNALIS a division of orion
Micro Precision
Quadrant4
OMICS International
ELITE ENGINEERING & CONSTRUCTION Rising above all
amagi
HWASEUNG
SmartDV
Infoview
aurolab Excellence . . . in sight
DATA PATTERNS
skava™
Mindtree Welcome to possible
MBIT WIRELESS
CHAIN•SYS
ZIFO RnD SOLUTIONS
VWR We Enable Science
IBM
SAARAA MEDICAL SOLUTIONS PVT LTD
TESSOLVE A HERO ELECTRONIX VENTURE

Computer Science Engineering & Information Technology

- Industry ready programs offered are
  - Infosys Campus Connect
  - IBM Career Education (Cloud Computing, Mobile technology and Cyber security)
  - CISCO Certified Network associate
  - iOS and Android app development
  - JAVA – OCJP certification
  - Python
  - Data Analytics - R Programming
- Four students got second prize in "Hon'ble Chief Minister Award" for Excellence in e-Governance for the topic "Geo location based emergency health system"
- Students had undergone Internships at Vernalis, Chainsys, Zentron labs, Adhaan Tech labs, Airspace Broadband, 42 Hertz, Calydon tech, Xmplar, HCL and KGiSL.

Electronics & Communication Engineering

- Industry ready programs offered by the department
  - IEEE Blended learning in VLSI Design
  - PCB Design
  - Mobile App Development
  - IoT Design
  - Real time embedded systems using Raspberry pi
  - Python Programming
- Students had done industrial project at BSNL, BHEL, ISRO, CSIR, IGCAR, Bnets
- 3 projects had got selected for NIYANTRA – 2017 final round.
- MoU with Cranes Software International Limited for Texas Instruments India University Programme, Tessolve Semiconductors – Bangalore, BSNL - Madurai, Techin .

BioTechnology

- Exposure to research oriented learning in several domains of biotechnology (Animal / Plant/ Microbial systems) and computational biology as the department offers post graduation and research programs
- Industry ready programs offered are,
  - Optimization Tools in Bio-processing
  - Computer Aided Drug Designing (CADD)
  - Good Manufacturing Practices (GMP) & Good Laboratory Practices (GLP)
  - Training on Medical Coding and Transcription
- Training in prestigious academic / research institutes and industries (Viz. IITG, IIT- BHU, Bose Institute – Kolkata, Uni versity of Delhi, Pondicherry University, National Insitute for Research in Reproductive Health – Mumbai, RGCBT - Trivandrum) through summer research training programs.
- 4 students' projects had got funding from TNSCST in 2016

Civil Engineering

- Industrial projects at Premier Organizations like IIT-M, ISRO and Structural Engineering Research centre
- Industry ready programs offered by the department
  - Comprehensive Site Training
  - Revit architecture
  - Sketch up
  - STAAD Pro
  - Concrete Mix Design
  - Pavement Mix Design
- Internship and in-plant training at reputed organizations like Tuticorin thermal power station, URC Construction, CCCL,TVH – Chennai, IIT-M, ISRO, Kochi Metro Rail ltd, ASCON Surveys - Bangalore, Coromandel Engineering Company Limited – Chennai.
- Students had won best project award at contests held Anna university and a few other institutions in Tamil nadu.

Electronics & Instrumentation Engineering

- Industry ready programs offered by the department
  - LabVIEW – Core 1,Core2, DAQ,Riokit
  - PLC & SCADA Automation Course
  - PCB design and Embedded system
- Industrial projects at reputed Organisations like BHEL, BEL, CPCL, JK Fenner, Dhrangadhra Chemical Works Limited. 60% of projects done by students are Industry based.
- Students had done projects using LabVIEW, IoT, Fuzzy logic, VLSI and had won awards.

Electrical & Electronics Engineering

- Being a research centre, the department motivates the students to develop a research bent of mind.
- Students possess sound knowledge in the field of Circuit theory, Analog and Digital Electronics, Electrical machines, Power Electronics and Power systems.
- Industrial projects and internships at HP, Arobot, Data patterns, TTPS, Chainsys, Railways and BSNL.
- Students are trained and certified in LabVIEW, MATLAB, SCILAB, ECAD and VLSI technologies.

Polymer Technology

- Awarded "Gold Trophy" in the category of "Best Educational Institute Contributing To Plastics" bestowed by 'PLASTICON Awards 2015'
- Received an amount of Rs. 127 lakhs as research grant from various government organization like DST, DRDO, BRNS, IGCAR and TNSCST
- Four of our faculty have received the Young Scientist Fellowship in Reputed Research Centers
- Had Completed 7 Government funded projects.
- Industrial Projects at reputed organisations like JK Fenner, Hwaseung, Motherson group, Toyoda Gosei, Japan Polymer Testing Lab, Apollo Tyres, Renault Nissan.

Mechanical Engineering

- More than 75% of students undergo industrial projects every year
- Industrial projects are done at TI Cycles, NCR Corporation, Sundaram fasteners, NLC, BHEL, Ashok leyland, Brakes India, Ford India, TAFE.
- Students are trained in Modelling and analysis softwares, especially in Solid works, pro – E, ANSYS, FEMAP, NAS TRAN and Autodesk inventor.

Mechatronics Engineering

- KAMARAJ SMC Pneumatics Centre for excellence has the state of art technology, to give the students the real feel of the industry.
- Mechatronics students garner knowledge in the field of
  - Industrial Automation and Robotics
  - Machine vision systems
  - Medical Mechatronics systems
  - Virtual Insturmentation
  - Computer techniques in Medical, Bio imaging and technology systems

UG COURSES

B.E. Civil Engg.

B.E. Computer Science and Engg.

B.E. Electronics & Communication Engg.

B.E. Electrical and Electronics Engg.

B.E. Electronics and Instrumentation Engg.

B.E. Mechanical Engg.

B.E. Mechatronics Engg.

B.Tech. Biotechnology

B.Tech. Information Technology

B.Tech. Polymer Technology

RESEARCH CENTRES

Bio-Technology

Polymer Technology

Electrical and Electronics Engg.

Electronics and Communication Engg.

Mechanical Engineering

Physics

Chemistry

PG COURSES

M.E. Communication and Networking

M.E. Manufacturing Engg.

M.E. Power Systems Engg.

M.E. Structural Engg.

M.Tech. Biotechnology

M.Tech. Polymer Science & Engg.

CENTRE FOR EXCELLENCE

SMC Pneumatics

Data Science & Predictive Technologies

IBM- Cyber Security

IBM- Cloud computing

IBM- Mobile Technology

MoUs

CISCO

NATIONAL INSTRUMENTS

MICHIGAN TECHNOLOGICAL UNIVERSITY 1885

TESSOLVE

MONTAN UNIVERSITÄT WWW.UNILEOBEN.AC.AT

IBM

campus connect an Infosys initiative

Employers' Testimonials

VWR's association with KAMARAJ college started in 2015 were in we forayed into talent acquisition of the Life Science students, as a result of the impressive performance and attitude the students exhibited we were able to onboard several students during the 2016 and 17 academic batches.

The students exhibit great talent in terms of subject knowledge, Technical skills and communication, we were impressed with the amount of professional maturity the students carry even at the college level

"We wish to continue our association with KAMARAJ Institutions in the future"

Mr. Vimal Balakrishnan, Assistant Manager-Operations. VWR International, LLC.

Students from KAMARAJ do have sound knowledge and are interested to learn new things. Also, they are capable of grasping the concepts better. Focus on the leadership skills and systematic approach would take them to great heights.

Mr. Ramnath RK , Division Manager, Aurolab

Alumni's Testimonials

Two things which made me overcome the hurdles of fear was the confidence in me and the wonderful people at KAMARAJ. Especially, people at TDP cell made me think "Things will work out - for sure". I would like to thank all my faculty for making me who I am now because, this version of me makes me feel more alive and more happy.

A. Ramalakshmi, (2017 passed out – IT), Trainee Engineer, IVTL infoview.

Initailly I was uncertain about my career, Thanks to TDP and my faculty for helping me in each and every step. The moral support would be one which I will never forget.

Sruthi Murali (2015 passed out – CSE), Programmer analyst, Cognizant Technology Solutions.

I had been associated with TDP cell from the first year. I was a Student Placement Coordinator. TDP gave me a platform to enhance my leadership qualities. The learning I had at KAMARAJ is helping me a lot and will help me throughout m y career. Thank you one and all.

Rohni Ganesan (2016 passed out – CSE), Systems Engineer, Infosys.

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