

K.RAMAKRISHNAN COLEGE OF TECHNOLOGY

ABOUT THE INSTITUITION

K.Ramakrishnan College of Technology, Tiruchirapalli, situated in the famous temple town Samayapuram, is a premiere organization striving to bring in constructive transformation in young aspirants by imparting technical, behavioral and value based education where we focus on empowering the students to get placed in World Class Corporate and introducing rich corporate culture to meet the hurdles and challenges of corporate sector and also augment the knowledge of students, foster their talents and broaden their outlook towards life by enhancing their personality, communication and bringing in entrepreneurial skills. We believe in educating, enhancing and empowering the student community to face the challenges of morrow and to be the front-runners in job market. We, at K.Ramakrishnan College of Technology, ensure that our students are equipped with the skill sets required to surmount the challenges of the competitive world.

VISION

To serve the society by offering top-notch technical education on par with global standards.

MISSION

We will strive to: Be a center of excellence for technical education in emerging technologies by exceeding the needs of the industry and society. Be an institute with world class research facilities. Be an institute nurturing talent and enhancing competency of students to transform them an all-round personality respecting moral and ethical values.







CHAIRMAN's MESSAGE

Education enables a person to face new challenges, achieve progress and lead a successful life. We, therefore, at K.Ramakrishnan College of Technology, would like to encourage all students to thrive for the best to make them knowledgeable in their relevant branches of engineering with high self -esteem and discipline. Education in our Institution is not only for academic brilliance but also for an ambiance where our ancient cultural heritage and human skills are enhanced. Our institution has set specific objectives and planned activities for achieving excellence in all spheres of technical education. The service of the institution in creating personally mature, professionally equipped and service-oriented graduates is really worth mentioning. We strongly believe in academic excellence and do not compromise on teaching standards or discipline. These three things are the springboards on which we operate. People who feel good about themselves produce good results and people who produce good results feel good about themselves. We also believe in total learning and sharing. Have a visit to K.Ramakrishnan College of Technology and feel good to get good education.



Dr.K.Ramakrishnan
Chairman

EXECUTIVE DIRECTOR MESSAGE

Engineers play the most vital and important role in nation building. They create new inventions using best engineered technologies to make human life more comfortable, secure and productive. In modern times, nations which have rich engineering and experienced management domains are flourishing economically and are providing better lives to their people We have excellent potential to grow in diversified areas and excel in Engineering and Management fields. We need enormous number of engineers and managers to write next story of success.

Dr.S.Kuppusamy
Executive Director



Dr. S.Muruganandam Principal

PRINCIPAL MESSAGE

Technical Education is the backbone of every nation and is the stepping stone for a country to move into the niche of a developed nation. The main focus of the Institution is to empower students with sound knowledge, wisdom, experience and training both at the academic level of Engineering and in the highly competitive global industrial market. The infrastructure facilities and state-of-the-art equipments combined with a galaxy of competent, talented and dedicated faculty contribute to an enjoyable and an easy learning experience. We wish the best for all our students, and the members of the institution who reiterate their aims at providing the best in academic and extra-curricular fields. We must believe that success is inevitable where these exist- Foresightedness, Firm Determination, Hard work and Discipline.

FACILITIES

With quality education K.Ramakrishnan College of Technology has come forward extend a lot of facilities to the students









Conference halls
Laboratories
Gymnasium with modern equipments
Cafeteria
World class play ground
Library
Hostel
Transportation
Free Wi-Fi









PLACEMENT

The Training and Placement Cell organizes a number of training programs for the students of all semesters with the help of inhouse experts and experts drawn from professional agencies. The activities have proved exceptionally useful in shaping the career of students. The staff members of the placement cell work together as a team in molding the students to the requirements of various industries. In order to motivate and develop the personality of students, several HRD training programs are conducted regularly. To impart training to all students to develop their employability skills and to be good Corporate Executive and Civilized Citizen.



S.NO.	DEPT	NO. OF STUDENTS GRADUATED	PLACED COUNT	% OF PLACEMENT	SALARY	
					MAXIMUM	MINIMUM
1	CSE	108	70	64.81	4.50 LAP	1.20 LPA
2	ECE	123	96	78.05	4.50 LAP	1.20 LPA
3	EEE	68	45	66.18	4.50 LAP	1.20 LPA
4	MECH	136	86	63.24	3.25 LAP	1.20 LPA
5	CIVIL	59	32	54.24	3.39 LAP	1.20 LPA
OVERALL		494	329	66.6	4.50 LAP	1.20 LPA

RESEARCH PUBLICATION - FACULTY

Dr. S. SUGANTHI

- 1. Suganthi, S.; Murugesan, K.; Raghavan, S CPW Dependent Loss Analysis of Capacitive Shunt RF MEMS Switch. Applied Computational Electromagnetics Society Journal . Apr2016, Vol. 31 Issue 4, p410-416. 7p.
- 2. Suganthi, S.; Millimeter-Wave High-Gain Siw End-Fire Bow-Tie Antenna .International Journal Of Research & Technology(Ijert).
- Dr.S.Suganthi ,J.Deepa , Multiband Planar Antenna Using Mimo Technique operating in GSM 1800/Lte2500/Wimax/Wlan/Wifi
 International Journal Of Engineering Research & Technology (IJERT)

Ms. R. KALARANJANI

1. Kalaranjani. R An Integrated Dynamic Power Safeguard System Using Defence Surveillance Robots "Int J. Advanced Intelligence Paradigms

Mrs.NITHYA

1. Nithya. S Study On Creation Of Motion Pictures Inpainting Using Mean Shift Algorithm For Object Removal, "International Journal Of Industrial Electronics And Electrical Engineering (Ijiee)

Mr. S.SHRIRAM

1. S.Shriram ,Real-Time Hand Gesture Recognition In FPGA , Optik - International Journal For Light And Electron Optics-SCI Volume 127, Issue 20, October 2016, Pages 9719–9726.

Mr.A.NAZAR ALI

- 1. Nazar ali. A,Power factor correction based bridgeless single switch SEPIC converter fed BLDC motor, International journal of advances in natural and applied sciences "ISSN 1995-0772,e-ISSN 1998- 1090, pp 190-197".
- Nazar Ali .A.Ride through strategy for a three level dual Z- source inverter using TRIAC ,Scientific research Publication" ISSN-online:2153-1293 ISSN print -p2153-1285

Mr.R.JAIGANESH

 Jai Ganesh.R, Fault identification and Islanding in DC Grid connected PV system ,Scientific research publishing "Circuits and systems,2016,7,2904-2915

Mr. R.RAMKUMAR

- Ramkumar.R Renewable energy source based asymmetrical half bridge flyback converter ,International Journal of Applied Engineering Research and technology ,"ISSN 2278-0181.
- 2. Ramkumar. R, A PV system based high step up converter with voltage multiplier module using fuzzy logic controller International Journal of Applied Engineering Research "ISSN 0973-4562 vol 10,no 9"

Mr. A.ANTON AMALAPRAVEN

 Designing of improved hybrid electric bikes International Journal of advances in electrical and electronics engineering ISSN 2319-1112

Mr. S.KARTHICKPRABHU

 A. Nichelson ,S.Karthickprabhu ,K.Karuppasamy, G. Hirankumar ,X. Sahaya Shajan ,A Brief Review on Integrated (Layered and Spinel) and Olivine Nano structured Cathode Materials for Lithium Ion Battery Applications ,Materials Focus, Volume 5,11 june,2016.

Dr.K.RAMASWAMY

1. Dr.V.SANGU, Dr.K.RAMASWAMY, Characteristic Investigation of a Newly Synthesized Mannich Base as a Corrosion Inhibitor for Mild-Steel in Hydrochloric Acid, Journal of advances in chemistry, Volume 12, september, 2016.

Mr. M. SHAHUL HAMEED

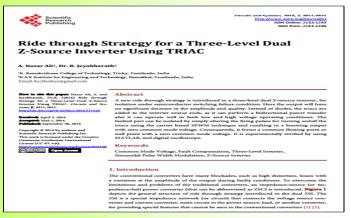
- S.SABERINATH, M.THAYUMANAVAN, V.SAKTHI EASWARAN, Bio- Degradation Of Orange G Dye Using Microbial Action, International Journal Og Engineering Research & Technology, volume 4, part 25,2278-0181
- K.Ragapriya, M.Sheela, R. Bindha, Shahul Hameed.M, Shanmugapriya.M, Bio-ethanol And Citric Acid Production From Banana Peel And Pineapple Peel By Fermentation Process, International Journal Og Engineering Research & Technology, Volume 4, part 25,2278-0182.
- 3. Shahul Hameed.M,B.Sathish Kumar Analysis Of Water Quality Parametersof Surface Water In Tiruchirapalli District, Tamil Nadu India, International Journal Of Engineering Research & Technology, Volume 4,part 25,2278-0182.
- 4. S.Keerthivasan ,Shahul Hameed.M,An Experimental Investigation Of Treatment Of Tannery Industrial Waste Water By Using Electro Coagulation Method ,International Journal Of Civil Engineering ,volume 5,part 16,1489-0726.

Ms. S.THARANI

 Manju. T, Tharani.S, Study On Behaviour Of Cold Formed Steel Built Up Hat Section By Varying Depth, International Journal Of Applied Engineering Research, volume 9, part 16, 0973-4562

Mrs. G MALARVIZHI

 SABERMATHI.R,G MALARVIZHI, Laboratory Study On Nano Clay Modifief Asphalt Pavement, International Journal Of Applied Engineering Research, Volume 10, part 8,0973-4562.





RESEARCH PROJECTS (IN PROGRESS)

Dr. V. VIJAYAN, Dr. B.SURESHKUMAR

- 1. Recent trends in advanced manufacturing process funded by Tamilnadu State Council For Science And Technology, 7th December 2015.
- 2. Recent trends in advanced manufacturing process funded by Tamilnadu State Council For Science And Technology, 7th January 2016.

Dr. V. VIJAYAN, Dr. B.SURESHKUMAR

- 1. Recent trends in robot technology funded by ISRO, march 15th 2016.
- 2. Recent trends in nano technology funded by DRDO, march 24th 2016.

Dr. V. VIJAYAN

Additive manufacturing funded by Tamilnadu State Council For Science And Technology,3rd august 2016.

Mr. L.NAGARAJAN, Mr. R.JAI GANESH

- Arduino Based Underground Cable Fault Detection funded by Tamilnadu State Council For Science And Technology, 2016
- Gsm Based Remote Monitoring Of 8 Parameters Of Transformer / Generator Health funded by Tamilnadu State Council For Science And Technology, 2016.
- Arduino Based Wireless Electrical Apparatus Control System Using Ir Communication funded by Tamilnadu State Council For Science And Technology, 2016.
- 4. Solar Powered Irrigation System funded by Tamilnadu State Council For Science And Technology, 2016.







NSS ACTIVITIES

In a contribution for the nation and to be the part of CLEAN INDIA project, a 50 volunteer members of the college jointly with The District Administrator, Trichy participated in cleaning Theppakulam of Trichy. The students from K.Ramakrishnan College of Technology helped the District Administration in removing garbage's, plastic bottles and cleaning the slit. Dr. S. Muruganandam, Principal advised all the participant to involve in such activities to enhance their social skills.

BLOOD DONATION CAMP

To cater the needs of the poor and to contribute socially K.Ramakrishnan College of Technology along with Government Hospital, Manaparai organized a blood donation camp in the college premises. A 50 blood donors from various department donated their blood for the social welfare with great support and guidance from the college Principal, Dr. S. Muruganandam .









HELMET AWARNESS RALLY

A group of 50 NSS volunteer from K.Ramakrishnan college of Technology enthusiastically took part in an awareness rally from No 1 Toll gate zone and emphasized the importance of road safety measures like following the rules promptly ,wearing helmet and seat belt, avoiding drink and drive commuting.



INDEPENDENCE DAY

The Independence Day at K.Ramakrishnan college of technology was an event that stirred up the patriotic feelings of everyone present on the occasion. The Chief guest hoisted the flag and delivered the speech exhorting students to take India as a bright future and the day

REPUBLIC DAY

The Republic Day was marked by the unfurling of the national flag by the Chief guest. In his speech, the chief guest mentioned the significance of the day to students and staff. Students, and staff gathered on the occasion and celebrated the day with gusto and a determination to take to K.Ramakrishnan College of Technology to newer heights.

SPORTS ACHIEVEMENTS

Annual Sports Meet conducted on 1st April 2016.

Our college students participated and won various tournaments conducted by various colleges. The achievements are given below

Badminton (Men)-Runner –Conducted by MAM School of engineering, Trichy during 2016-17.

Chess (Men) Winner – Conducted by Trichy engineering college, Trichy during 2016-17.

Kabadi (Men) Runner - Conducted by SACET, Trichy during 2016-17.

Hockey (Men) Runner -Conducted by Jayaram college of engineering ,Trichy during 2016-17.

Table Tennis (Men) Runner –Conducted by TRP Engineering college, Trichy during 2016-17.

Basket Ball (Women) Runner -Conducted by SACET, Trichy during 2016-17.

Ball Badminton (Men) Runner -Conducted by Jayaram college of engineering ,Trichy during 2016-17.



STUDENTS MARCHPAST











REPUBLIC DAY CELEBRATION





Handover the Trophy to our beloved
Chairman

OTHER ACTIVITIES

Department of ECE

INTEL WORKSHOP- 28.12.2015 to 31.12.2015

VLSI WORKSHOP- 21.12.2015 to24.12.2015

OPTICAL COMMUNICATION SEMINAR-on 5th SEP 2015

WIRELESS COMMUNICATION SEMINAR -on 19th SEP 2015

ANTENNA AND WAVE PROPAGATION SEMINAR-on 18th SEP 2015

CIRCUIT THEORY SEMINAR -on 18th MARCH 2016



Achievers day was conducted on 2015

SAE Inauguration on 2016

COLLABORATIVE COURSES "Quad copter Training Program" on 17th march 2016

COLLABORATIVE COURSES "NON-DESTRUCTIVE TESTING" on 29th Sep 2016

COLLABORATIVE COURSES "PIPING" on 30th Sep 2016.



Department of Computer Science

FDP on 22nd and 23rd august
IOT Workshop on 10th June 2016
Java VAC on 12th to 16th July 2016
Python workshop on 13th to 16th July 2016

Department of EEE

Workshop on Innovative Electronics during 2016-17
Workshop on Embedded System Pic Controller
during 2016-17

Workshop on Proteus Professional Software & Psim For Power Converter & Controller Design during 2016-17

Workshop on Power Electronic Converter during 2016-17

Workshop on Innovative Electronics during 2016-17

Workshop on Basics Of Electronics during 16-17

















Department of CIVIL

- Value added course conducted on various topics
 MSP PROJECT (60 HRS Duration) CADD CENTRE
 STAAD .Pro (60 hrs. duration) ISS CADD CENTRE
 Auto cadd (60 hrs. Duration) ISS CADD CENTRE
- 2. Seminar Given By Professor David ,NEW ZEALAND (30.8.2016)
- 3. Workshops Organized on Various Tittles

3D Printing

Total Station

Concrete technology- RAMCO cement



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CULTURAL AND CO CURRICULAR ACTIVITIES

We are actively engaged in providing the students with an extensive range of cultural and co-curricular activities. Keeping in line with this commitment our college organizes Annual Techno— cultural Fest Synergy. It is the much awaited events with multiple events in dance, music, fashion, drama, literary and various other technical and cultural fields and offers a plethora of opportunities to the students to showcase their talents





INVITED SEMINARS TO K.RAMKRISHNAN COLLEGE OF TECHNOLOGY

DEPT	YEAR	DATE	RESOURCE PERSON
	II	13.08.16	DR.MOHAN, AP/NIT
	III	17.08.16	DR.SRIMATHI,AP/NIT
CSE	II	23.08.16	DR.SIVASANKAR,AP/NIT
	II	12.09.16	DR.SIVASANKAR,AP/NIT
	III	14.09.16	DR.GOPI,AP/NIT
	IIII	11.08.16	DR.RAMESH, AP/NIT
MECH	II	13.08.16	DR.SURESH, AP/NIT
MECH	II	13.08.16	DR.MARIAPPAN,AP/NIT
	III	27.09.16	SIVAKUMAR,AP/MAMCE
	IIII	24.08.16	DR.P.RAJA,AP/NIT
EEE	IV	10.09.16	DR.P.RAJA,AP/NIT
EEE	II	14.09.16	DR.S.MOORTHY,AP/NIT
	IV	14.09.16	DR.M.P.SELVAN,AP/NIT
	III	19.07.16	DR.JEGAJOTHI,PROF / PMU
ECE	III	02.09.16	DR.PANDEESWARI,AP/
	II	02.09.16	DR.DEIVALAKSHMI
CIVIL	IV	17.09.16	DR.VIJI,PROF/NIT
CIVIL	IV	30.08.16	DR.SATHYAPRABHA
CIVIL	III	21.09.16	DR.MOSES SANTHAKUMAR

ACKNOWLEDGMENT

We thank all the faculty members, administrative staff and students of K. Ramakrishnan college of Technology for their help and cooperation in bringing out the newsletter

EXISTING DEPARTMENTS

EDITORIAL BOARD

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