

KARPAGAM INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 105

NEWS LETTER
SMRITI
2019-20
(ODD)

Department of
INFORMATION TECHNOLOGY



HOD'S DESK

Department of Information Technology commits to work towards developing Engineers with a rich blend of competent, technical, managerial and social skills and contribute to nation building. Department takes the initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently. To meet the objectives, department pays special emphasis on teaching and hands on practical work. Students exhibit their innovative ideas, skills and potentials as final year projects and have won many awards at University level. The excellent infrastructure, experienced team of faculty dedicates to strengthen effective teaching learning process ensuring quality education. We believe that this approach to teaching-learning, coupled with practical experience gained during Industrial Training in reputed organizations, equips our students to handle the challenges posed by the IT industry.

We as a team resolve to take the Department to heights of success and glory and prepare for the forthcoming challenges.

In IT Dept, our students push intellectual boundaries, enjoy the freedom to experiment, engage in rigorous debate, strive for personal bests, embrace abundant leadership opportunities, learn to overcome obstacles and pray, laugh and grow..

-Dr. D. Bhanu, M.E., Ph.D

VISION OF THE INSTITUTION

To impart quality technical education emphasizing innovations and research with social and ethical values.

MISSION OF THE INSTITUTION

- Establishing state-of-the-art infrastructure, effective procedures for recruitment of competent faculty and innovative teaching practices.
- Creating a conducive environment for nurturing innovative ideas and encouraging research skills.
- Inculcating social and ethical values through co-curricular and extra-curricular activities.

VISION OF THE DEPARTMENT

To produce technically competent and skilled engineers to meet the challenges of the IT industry.

MISSION OF THE DEPARTMENT

- Establishing innovative teaching learning practices with competent faculty and state of the art facilities.
- Enriching knowledge on latest technological advancements through industrial collaborations.
- Developing moral and ethical values through extension activities.

INAUGURATION OF THE ACADEMIC YEAR 2019-20

- The ASSOCIATION INAUGURATION 2019 was flagged off by the department of Information Technology on July 27,2019 in our college auditorium.
- Chief guest was honoured by our beloved principal Dr.P.Manimaran,Dr.P.Mayilvel kumar(HoD of CSE) and Dr.D.Bhanu (HoD of IT).
- The association ceremony started with welcome address and it was presented by Shivani, from 3rd year IT department and our honourable principal Dr.P.Manimaran addressed the gathering, followed by guest speech on Network Security and finally vote of thanks given by Reshma from 4th year CSE department.





Our chief guest of the day Mr.M.Vadivelkumar, the lead consultant of ITC Infotech,Bangalore shared his knowledge about “NETWORKS AND SECURITY” and he told more about ethical hacking and firewall. Department of CSE & IT stuednts listened to the lecture of the chief guest.

MOU'S SIGNED

TECHVOLT SOFTWARE PRIVATE LIMITED, Coimbatore have signed MOU with CSE and IT Department on 16.10.2019.

Techvolt software Pvt.Ltd, a Software Development, Digital Marketing and Internship and Training providing company offering various services to the Colleges and Corporate such as Value Add on Training, Workshop, Guest Lecturing and Project Development.



CSE & IT department have signed Memorandum of Understanding (MoU) with TECHVOLT SOFTWARE PVT LTD, Coimbatore thereby the students can be benefited by attending, Technical Seminar, Workshop, Inplant Training, Guest Lecture, Industrial Visit. Our beloved principal Dr.P.Manimaran, CSE HOD Dr.P.Mayilvelkumar, IT HOD Dr.D.Bhanu and CEO of TECHVOLT SOFTWARE PVT LTD Mr.P.Vinayagamoorthy were in the part of MOU.

SEMINARS, SYMPOSIUMS, GUEST LECTURES AND WORKSHOPS ORGANIZED

CSE and IT Departments have conducted the seminar on
“Internet of things” on 31.09.2019





The Introduction about the resource person of this function Mr.S.Ramachandran was given by the Head of the CSE Department Dr.P.Mayilvelkumar. Our beloved Principal Dr.P.Manimaran presented a memento to our chief guest as a token of love. Welcome address by Ms.AMIRTHAVAARSHINI K, III year CSE. He shared his knowledge about “Internet of things ” and he told about recent trends and technology and also he told about real time application using IoT. Around 80 students from III year CSE and IT have attended the seminar and gained knowledge.

National level technical workshops had conducted on 6th September 2019.

Department of CSE and IT are organized national level technical workshops in recent trends in our college. Faculties and students were actively involved in this workshop.





Ms.R.S.Shudapreyaa AP/IT had given lecture on the topic “CREATING WEB APPLICATION WITH FLASK ”. Mr.P.N Ramesh AP/CSE had given lecture on the topic “WEB APPLICATION DEVELOPMENT USING PYTHON DJANGO” and Student of IV year IT Anandharaj had given lecture on the topic “Ethical Hacking”. Various college students were attended and enhanced their knowledge through these technical workshops. Our Principal Dr.P.Manimaran had distributed certificates to the participants.

National level technical symposium had conducted on 7th September 2019

Department of CSE and IT are organized national level technical symposium in our college. Faculties and students were actively engaged in this symposium.







Paper Presentation, Techno Buzz, Gaming and Debugging events are conducted in national level technical symposium – 2019. Various college students were actively involved in the various events and got prizes. Various stalls are arranged for other college students. Our Principal Dr.P.Manimaran had distributed certificates to the participants.

- As part of Infosys Campus connect program of our institution, a guest lecture on “Industrial expectations from fresh engineers” was conducted on 30.09.2019 forenoon in our seminar hall for III year students of CSE, IT and ECE.
- The lecture was provided by Mrs. Gayathri Paraná Dharmaraj, Principal Consultant, Infosys, and Chennai.





Mrs. Gayathri Aparna Dharmaraj had given a guest lecture on “Industrial expectations from fresh engineers”. The session is very interactive rather than normal power point presentation. Activities were given to the students and based on the result of the activity, the guest provided the session lecture. The students really felt motivated and they interacted more about interview process. III year Students of CSE, IT and ECE attended the session.

CONFERENCE AND FDP CONDUCTED

- STTP 5 days NITTR sponsored short term training program on ICT-16 - Skill Development and Technological Innovation for Employment Generation in India attended by all the faculties of CSE and IT from 29th July 2019.
- STTP 5 days NITTR sponsored short term training program on ICT-22 - Research Oriented Project Work attended by all the faculties of CSE and IT from 5th August 2019.
- Dr.D.Bhanu and Mr.B.Madusudhanan from IT department had attended Conclave on future skills on 31.10.19 at the residency, Coimbatore.





FDP ATTENDED

S.No	Name of the Faculty	Name of the Programme	Date
1.	Dr.C.Vimalarani	NPTEL FDP on Introduction to Internet of Things	July - Oct 2019
		AICTE Recognized Short Term Course on "Research Oriented Project Work"	05.08.2019 to 09.08.2019

2.	Mr.V.Dineshbabu	NPTEL FDP on Practical Machine Learning With Tensorflow	Aug - Oct 2019
3.	Mr.T.Yawanikha	NPTEL FDP on Practical Machine Learning With Tensorflow	Aug - Oct 2019
4.	Ms.R.S.ShudaPreyaa	NPTEL FDP on Practical Machine Learning With Tensorflow	Aug - Oct 2019
5.	Ms.A.Mahalakshmi	NPTEL FDP on Cloud Computing	Aug - Oct 2019
		NITTTR - Research Oriented Project Work	05.08.19 to 09.08.19
6.	Mr.V.P.Arulkumar	NPTEL FDP on Programming, Data Structures And Algorithms Using Python	July - Sep 2019
7.	Mrs.E.Saranya	NPTEL FDP on Cloud Computing	Aug - Oct 2019
8.	Mrs.M.Sudha	NPTEL FDP on Software Engineering	July - Oct 2019

PROFESSIONAL ACTIVITIES

WEB APPLICATION HACKING DJANGO

Association of Computer Science and Engineering have conducted the workshop on “WEB APPLICATION HACKING DJANGO” on 6th September 2019 (Friday), by G.ANANDHA RAJ, final year IT, Karpagam Institute Of Technology.

INDUSTRIAL VISIT

On 13th July 2019 our III CSE and IT students went for a day visit to Capdigisoft solutions.



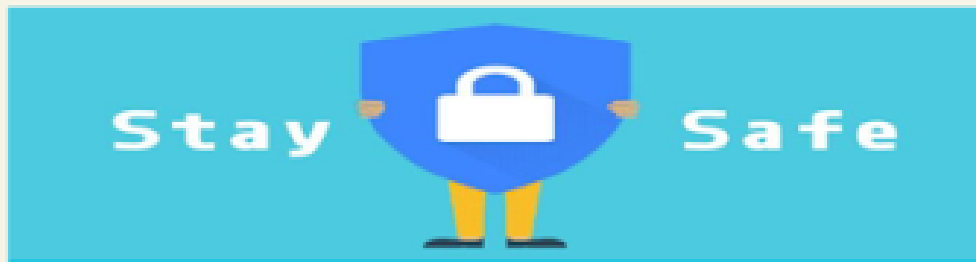


Students went to one day industrial visit at Capdigisoft solutions, in which software development and real time examples were discussed to improve great source and gain practical knowledge.

CLUB ACTIVITIES

Coders Club The students of CSE and IT have participated in coders club events to enrich their programming knowledge at lab 3 on 20 September 2019.

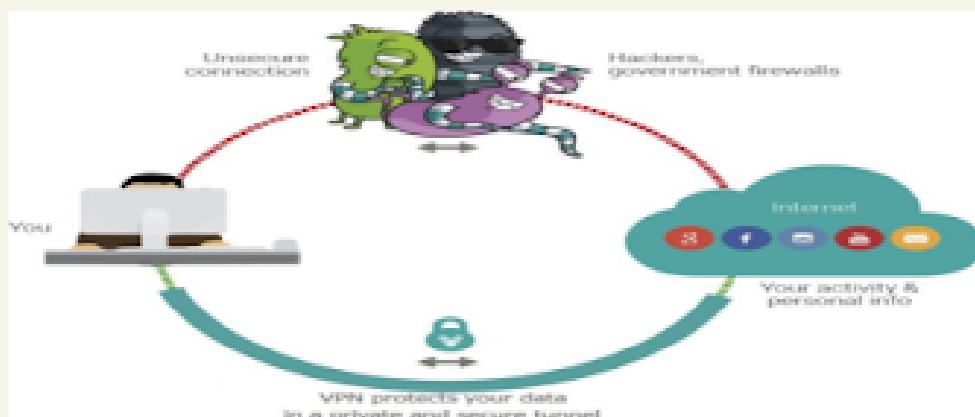




**ALWAYS SAFETY IS
IMPORTANT TO KEEP
SAFE:**



DATA PROTECTION:



STEP TO MAKE IT SAFE:

Geek week event was conducted which includes Hackathon, Meme Creation and PPT presentation. The students who won were rewarded in Engineers day celebration.

E-YANTRA CELL

In e-yantra club students were learned different programming languages and completed their exams through online.



Students were split into teams and attended the quiz contest conducted by E-yantra cell.

NATURES CLUB

Through nature's club AICTE Plantation drive "One Student, One Tree" was organized in our campus on 14.08.2019



Students planting the saplings with our belled principal with our department HoD's.

In nature's club we plant a trees on September 5, 2019



We had planted trees in order to nourish the environment
clean and green.

SOCIAL ACTIVITIES

Kalam Library Project Work held at Government Higher Secondary school, Koundampalayam from July 24 to 26, 2019.



We have distributed the needed items to the school students in order to honor Abdul kalam.

Unnat Bharat Abhiyan organized Swachhata Hi Sewa Campaign (plastic free village) in Seerapalayam & Bodipalayam on 17.9.2019, Nachipalayam on 18.9.2019 ,Valukkuparai on 30.9.2019 and Pichanur on 1.10.2019 .



Faculty members and students from our college visited the nearby villages to create awareness among public regarding the importance of plastic free village.

STUDENTS ACHIEVEMENTS

In IV year IT totally 8 students were placed in different companies. Placed student details are listed below

S.NO	NAME	COMPANY NAME
1	ABILASH C	INFINITE,TCS & INFOSYS
2	AFSHANA BAGAM F	INFINITE
3	BHUVANA K T	DUCEN
4	DEEKSHA T D	TCS
5	GURUMOORTHY M	SOFT SUAVE
6	KALITHAS S	TCS & INFOSYS
7	PRAGATHI M	COGNIZANT
8	SRIHARSHINI G	TCS

A team from both Second and Third Year students from IT department have participated in technical project expo held at Codissia.



A team from Third Year IT department have applied project proposal to MHRD and got selected. Shievani R (Team Leader) presented her project idea at Kumaraguru College of Technology.



CULTURAL ACTIVITIES

Celebrated Batch Day on 23 August 2019 and Teachers Day on September 5, 2019



Our 3rd year students has celebrated batch day for the completion of a year. Students organized Teachers day and various events had conducted for staffs.

Onam was celebrated on September 7, 2019.



Onam function started with Thiruvathira dance, Chenda melam around the college and also students was very energetic in performing the dance.

Engineers day and Engineers Golu have celebrated on October 4,2019



Engineers Day

- The day started with the chief guest Shri. A. Anish Antony, Managing Director, Yahel Tech, Coimbatore and alumni of our college gave talk on entrepreneurship and development skills and also gave the motivational speech to initiate Startup Company for students.
- Geek Week 2.0 was conducted in our college to encourage the student's technical ability which involves various technical events like Hackathon, Coders club and Meme creation. He also distributed the prize for the winners.



Engineers Golu

Engineers golu was organized in a grand manner. Various events was conducted like dance, bhajans and singing and also students exhibited their innovative talents by presenting their golu models

JOURNAL PUBLICATION

S. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Journal	Vol. No., Issue No., Page No., Month & Year
1	S. Kannimuthu, Dr.D.Bhanu, K.S. Bhuvaneshwari	A novel approach for agricultural decision making using graph coloring	SN Applied SciencesPublished by Springer Nature	DOI:10.1007/s42452-019-1847-8
2	Kannimuthu.S, K.S.Bhuvaneshwari, Dr.D.Bhanu, Vaishnavi.A Ahalya .S	Performance Evaluation of Machine Learning Algorithms for Dengue Disease Prediction	Journal of Computational and Theoretical Nanoscience	DOI:10.1166/jc tn.2019.8570
3	M. Aruna, Dr.D.Bhanu, S. Karthik	An improved load balanced metaheuristic scheduling in cloud	Cluster ComputingPublished by Springer Nature	DOI:10.1007/s10586-017-1213-9
4	A.Mahalakshmi, T.Yawanikha, Dr.D.Bhanu, V.P.Arul Kumar, Dr.K.M.Murugesan	Mining Query Facets from the Search Results	International Journal of recent technology and engineering	ISSN: 2277-3878
5	G.Kiruthiga, K.Kalaiselvi,R.S Shudapreyaa, V.Dineshbabu	Detection of Faults in Flying Wireless Sensor Networks Using Adaptive Reinforcement Learning	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-8, Issue-1S4



Editorial Members

Editorial Faculty Member

DR.A.CHRISTOPHERPAUL - APS/IT

Editorial Student members

GURUMOORHTY M - IV IT

SHARMILA G - III IT

DINESH BABU S - III IT

HARI PRASATH E - II IT

