DEPARTMENT OF INFORMATION TECHNOLOGY

Vision

To promote excellence in producing competent IT Professionals to serve the society through technology and research

Mission

- Producing competent professionals in information and communication technologies.

- Educating the students with the state of art computing environment and pedagogical innovations

- Encouraging entrepreneurship and imparting skills for employability

- Establishing collaboration with IT and allied industries

- Promoting research in information and communication technology to improve the quality of human life

- Offering beneficial service to the society by imparting knowledge and providing IT solutions

- **Core values** : Quality |Responsibility|Novelty|Teamwork|Courtesy

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

After few years of graduation, the Information Technology graduates will

- Exhibit proficiency in analyzing, designing and developing IT based solutions to cater to the needs of the Industry {Technical Competence}

- Provide professional expertise to the industry and society with effective communication and ethics {Professionalism}

- Engage in lifelong learning for professional development and research {Life-Long Learning}

PROGRAM OUTCOMES (PO)

- Apply the knowledge of Mathematics, Basic Science, Computer and communication Fundamentals to solve complex problems in Information Technology. **[Engineering Knowledge]**
- Identify, formulate, review research literature and analyze complex problems reaching concrete conclusions using principles of mathematics, Engineering sciences and Information Technology. **[Problem Analysis]**
- Design solution for complex information and communication engineering problems and design system components or processes that meet with realistic constraints for public health and safety, cultural, societal and environment considerations. **[Design/Development of Solutions]**
- Conduct investigations of complex Information technology related problems using research based knowledge and research methods including design of experiments, analysis and interpretation of data to provide valid conclusions through synthesis of information.**[Conduct investigations of complex problems]**
- Create, select and apply appropriate techniques, resources and modern IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations. **[Modern Tool Usage]**
- Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and consequent responsibilities relevant to professional engineering practice. **[The Engineer and Society]**
- Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development. **[Environment and sustainability]**
- Apply ethical principles and commit to professional ethics and responsibilities through the norms of professional engineering practice. **[Ethics]**
- Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings. **[Individual and Team Work]**
- Communicate effectively with the engineering community and the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.**[Communication]**
- Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member /or leader in a team, to manage projects in multi-disciplinary environment. **[Project Management and Finance]**
- Recognize the need for, and have the preparation and ability to engage in independent and Life-long learning in broadest context of technological change. **[Life-long Learning]**

PROGRAMSPECIFIC OUTCOMES (PSO)

- Design software solutions using programming skills and computing technologies

- Design and implement data communication system using various IT components

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Program organized

Department of Information Technology has organized the
Technical Symposium Infolite 2k19 on 24-10-2018 in Information
of Technology,**Sethu Institute of technology**,Virudhunagar.

Department of Information Technology and **CSE** has cardially organized the Symposium of Tech Xplore 2k19 on 13 Febrauary 2019 in Information of Technology,**Sethu Institute of technology**,Virudhunagar

Department of Information Technology and **CSE** has cardially organized the seminar on **" Soft Computing "**and **"Privacy and Security in Online Social Media "** in Tech xplore 2k19 CSI on 13.08.2018 and 27.09.2018 in **Sethu Institute of Technology**,Virudhunagar

M.M.Yamunadevi, C.ParameswariandK.Krishnaveni ,has organized the training program on " **Deep Learning Using Anaconda**" on 2ndAugust 2018 in Information of Technology,**Sethu Institute of Technology**,Virudhunagar.

Department of Information Technology has organized the seminar on "**Testing**" and "**Mobile App Development**" in Infolite 2k19 technical symposium on 21.01.2019 and 23.01.2019 in **Sethu Institute of Technology**,Virudhunagar.

Department of Information Technology has organized the Guest Lecture on "**PHP**" and**" Operational Research "**in Infolite technical symposium on 03.01.2019 and 11.10.2018 in**Sethu Institute of Technology**,Virudhunagar.

Mrs.D.RojaRamani , Mrs.G.RajalakshmiMrG.Sivakumar and MrS.SenthilPandihas conducted the 5 days International Certification program on Data Science and Big Data Analytics along with ICTACT & Dell EMC^{2}on 01.10.2018 to 05.10.2018in **Sethu Institute of Technology**,Virudhunagar

DrS.SivaRanjaniMrsS.Rathnamala,andMrsP.PabithaMuthu has organized **"Technical Skills"** for Students in association with IITB Spoken Tutorial from 16.02.2018 to 28.03.2018 in Sethu Institute of technology,Virudhunagar

DrS.SivaRanjaniMrsS.Rathnamala,andMrsP.PabithaMuthu has organized Foundation program I ICT for education FDP101x and Pedagogy for Online and Blended Teaching-Learning Process - FDP201x in association with IIT Bombay

Department of Information Technology has organized the Guest Lecture Networking Infrastructure and Opening in IT Industry for Fresher On 18.01.2019 held at Sethu Institute of Technology, Virudhunagar

Guest lecture and Seminar

Awarness program on **" How to Suceed in GATE exam"** On 02.01.2019

Guest lecture on "Agile Methodolgy " on 22.02.2019

Guest lecture**"Networking Infrastructure and Opening in IT Industry for Fresher"** on 18.01.2019

Resource persons :Mr.B.R.Anandhu Ram - National Head and Mr.KulkuriManikanda – Business Analyst ,Synergy ,Bangalore has organized the one day workshop on **"Digital Marketing "** on 09.01.2019 In Department Of Information Technology, Sethu Institute Of Technology, Virudhunagar.

Resource person : Mr.R.BalaSundar, Managing Director from Balsus Success Academy has given the Awarness program on **" How to Suceed in GATE exam"**On 02.01.2019 in Information Technology , **Sethu Institute of Technology** ,Virdhunagar.

Resource Persons : Mr.Baburajanchandran,Ms.Karthiga and Ms.Indhu,TCS has given a guest lecture on **"Agile Methodolgy "** on 22.02.2019 in Department of Information Technology,**Sethu Institute of Technology**,Virdhunagar.

Guest lecture given by Ms.B.Snehapriya –Solartis Technologies pvt.ltd on topic of**"Networking Infrastructureand Opening in IT Industry for Fresher"** on 18.01.2019 in Information Technology,**Sethu Institute of Technology.**

Mr.P.Sivakumar ,Designer-Balaji Printers has conduted the two days workshop on **"Coral Draw"** on 16-07-2018 to 17-07-2018 in Department of Information Technolgy,**Sethu Institute of Technology,**Virdhunagar.

Ms.B.Valarmathi, Ms.A.Aishwarya, Trainer, Elysium Group of Companies has conducted the seminar on topic of **"Product Awareness Program"** on 13.02.2018 in Department of Information Technolgy,**Sethu Institute of Technology,**Virdhunagar.

Third International conference on **"Computational Intelligence ICCI'18"** by Dr.Kyung Tae kim –EmertiusProfessor,Hannam University ,Kore on 5 & 6 june 2018in Department of Information Technolgy,**Sethu Institute of Technology,**Virdhunagar.

Mrs. Nagananthini ,Software Trainer, Aparjeet Enterprises, Madurai has organized the one day workshop on "Corel Draw" on 19.03.2018 in Department of Information Technology, **Sethu Institute of Technology,** Virdhunagar.

Award Received:

MrsD.RojaRamani Assistant Professor has received the silver award by Infosys 2019

MrG.Sivakumar Assistant Professor has received the Bronze award by Infosys 2019

Dr.S.Sivaranjani, Professor &Head of our department has received the award for **Best Professor in Information Technology** 2019 by the DNA and Stars of the industry group
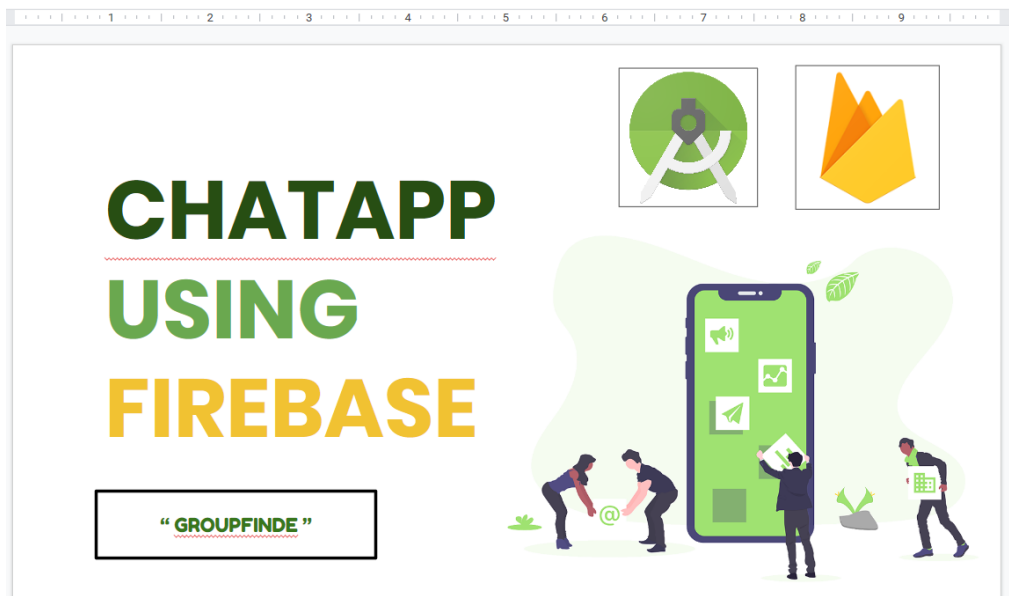

Department of information Technology has received the award of Best outstanding Contribution award for Learnthon 2018

Student achievements

Smart India Hackathon -2019 by 3rd year students New Delhi Institute of management, newdelhi

Snapshot shows the chatapp developed by our Second Year IT studentsname E.PREM KUMAR,R.SAKTHI PRAVEEN,NAVEEN KUMAR,ALLAN STANLEY

Faculty and student achievement

DrS.Jenicka has got the Elite on the Online certification course on **"Introduction to GIS and remote Center "**during Jan-April 2018

MrsS.Rathnamala has got the Elite on the Online certification course on **"Education Leadership "**during July-Oct 2018

MrM.Prabhananthakumar has got the Elite on the online certification course on **"Modern Application Development"** during Jan-April 2018

MrG.Sivakumar has completed the online certification course on **"Modern Application Development"** during Jan-April 2018

MrD.Nagendrakumar has got the Elite on the online certification course on **"Programming & Data Structures in C"** during Jan-April 2018

MrsP.Swapna has got the Elite on the online certification course on **"Programming & Data Structures in C"** during Jan-April 2018

S.Suganthi(IV yr) has got the successful completion on the online certification course on **"Problem solving through programming in C"** during 2018.

Sivasubramaniyan.K (III yr)has got the Elite on the online certification course on **"Introduction to Internet Of Things"** during 2018

Faculty as participants

S.No	Name of the Faculty	Nature of Programme (FDP/Seminar /Conference)	Topic	Place where the course is undertake	From	To
1.	Dr.S.Sridevi	FDP	Foundation program I ICT for education FDP101x	Online (AICTE approved – IIT Bombay)	08.03.18	12.04.18
2.	Ms.C.Parameswari					
4.	Ms.D.RojaRamani					
5.	Mr.M.Prabhanantha Kumar					
6.	Ms.G.Rajalakshmi					
7	MrsR.Sumitha					
8	MrP.Manoj Kumar					
9	MsP.Swapna					
10	Ms.C.Parameswari	FDP	AGILE WAY OF WORKING & DEVOPS (in association with Tata Consultancy Services)	K.L.N CE, Sivagangai	18.05.18	18.05.18
11	Mrs.M.M.Yamuna Devi					
12	MrsP.PabithaMuthu					
13	Mrsk.Krishnaveni					
14	MsP.swapna					
12	Mr.M.Prabhanantha Kumar	FDP	Pedagogy for Online and Blended Teaching-Learning Process - FDP201x	Online (AICTE approved – conducted by IIT Bombay)	16.04.18	12.05.18
13	MrsR.Sumitha					
14	MrP.Manoj Kumar					
15	MsP.Swapna					

Faculty as Resource &Research publication

Dr.S.Jenicka delivered a guest lecture titled, **" Basics of image processing"** in Francis Xavier Polytechnic College, Tharuvai, Tirunelveli on 25.2.2019

International Conference Publications:

Dr.S.Jenicka published an international conference paper in ICCI 2018 held on 5.4.2018 titled, **"An efficient matching strategy for content based image retrieval of remotely sensed images".**

Ms. S. RathnamalaDr.S.Jenicka and MrM.Prabhananthakumar published a paper in International conference ICRAET 2019 held from 8.2.2019 to 9.2.2019 titled, **"A Survey on Bleeding Detection in wireless capsule endoscopy"**

International Book chapter publications:

Jenicka, S. (2018). Land Cover Classification Using the Proposed Texture Model and Fuzzy k-NN Classifier. In *Optimization Techniques for Problem Solving in Uncertainty*(pp. 226-261). IGI Global.

Jenicka, S. (2019).Sugeno Fuzzy-Inference-System-Based Land Cover Classification of Remotely Sensed Images. In *Environmental Information Systems: Concepts, Methodologies, Tools, and Applications* (pp. 1247-1283). IGI Global.(Scopus indexed)

International Journal publications :

Sunoj.S.,Igathinathane,C., &**Jenicka, S**. (2018). Cashews whole and splits classification using a novel machine vision approach. *Postharvest biology and technology*, *Elsevier,138*, 19-30. Impact factor:3.8 (Science Citation Indexed)

Models by students

MODEL DESIGNED FOR CN BY2nd YEAR STUDENTS

MODEL DESIGNED FOR HCI

MODEL DESIGNED FOR CN

Non technical events

Sno	Name	Event	Venue	Prize
1	A.Afrurisha	Fashion Parade	SIT	Ist Prize
2	R.Shoba	Art From Waste	SIT	IIst Prize
3	A.Poojadevi	Mehandi	SIT	IIst Prize
4	G.Sowndariya	Fashion Parade	SIT	Ist Prize
5	G.Priyadharsini	Dance	SIT	IIIst Prize
6	T.Keerthana	Fashion Parade	SIT	Ist Prize
7	R.AnuNachiyar	Fashion Parade	SIT	Ist Prize
8	R.S.AngaiyarKanni	Fashion Parade	SIT	Ist Prize
9	G.Atsaya	Fashion Parade	SIT	Ist Prize
10	S.K.Sruthi	Fashion Parade	SIT	Ist Prize
11	K.PriyankaBharathi	Dance	SIT	IIIst Prize
12	K.Vanisri	Dance	SIT	IIIst Prize
13	M.UmaMaheshwari	Dance	SIT	IIIst Prize
14	M.Bhahirathan	Nictitate	KCE	IIst Prize

Internship

S.No	Name of the Student	Company Name	Year
1.	K.Amaravathi	Zoho	4th June 2018 to 4th August 2018
2.	R.Swarnalatha	Jad Focus	11th June 2018 to June 2019
3.	M.Subashini	Crystal Delta Solution	17th September 2018 to 13th October 2018
4.	M. Parvathy	Crystal Delta Solution	17th September 2018 to 13th October 2018
5.	Yuvameena	AimStrom	11th August 2018 to 19th August 2018
6.	AshishBabu	AimStrom	11th August 2018 to 19th August 2018
7.	JobinChriston Raj V	AimStrom	11th August 2018 to 19th August 2018
8.	Hemalatha.M	Silicon Software Services	9th August 2018 to 18th August 2018
9.	JeganRaj.P	Chrome software solutions	22nd September 2018 to 31st December 2018
10.	Kishore Kumar.B.R	Chrome software solutions	22nd September 2018 to 31st December 2018

		Chrome software solutions	
11.	ManojSundar.R		22nd September 2018 to 31st December 2018
12.	Naga Nathan.B	FyusionInfotech	30th July 2018 to 5th August 2018
13.	PillaiBhavaniUmaDevi.T	Chrome software solutions	22nd September 2018 to 31st December 2018
14.	Pradeep.T	Chrome software solutions	22nd September 2018 to 31st December 2018
15.	PriyankaBharathi.K	FyusionInfotech	13th August 2018 to 26th August 2018
16.	RaajMathanKumar.V	Chrome software solutions	22nd September 2018 to 31st December 2018
17.	Raghuram.R	Chrome software solutions	22nd September 2018 to 31st December 2018
18.	Raja Shruthi.S.K	Silicon Software Services	9th August 2018 to 18th August 2018
19.	Ramprasath.P.K	FyusionInfotech	30th July 2018 to 5th August 2018
20.	Saranya.B	Chrome software solutions	22nd September 2018 to 31st December 2018
22.	SoundaraRajan.R	FyusionInfotech	30th July 2018 to 5th August 2018
23.	ThoulathNisha.A	FyusionInfotech	13th August 2018 to 26th August 2018

		FyusionInfotech	13th August 2018 to 26th August 2018
24.	Uma Maheshwari.M,		
25.	Vanisri.K	FyusionInfotech	13th August 2018 to 26th August 2018
26	Varadharajan K	Chrome software solutions	22nd September 2018 to 31st December 2018
27.	Vijayapandian. M	FyusionInfotech	30th July 2018 to 5th August 2018
28	Shoba.R	FyusionInfotech	13th August 2018 to 26th August 2018

Extra curricular & Co-curricular

S.No	Name of the student	Event	Venue	Price
1.	DeepaNandhini.G	Quiz	Sri Sowdambika College of Engineering, Aruppukottai	I
2.	RamalakshmiMangai.C			II
3.	Bhagirathan.M	Code Impossible	Kamaraj College of Engg& Tech, Virudhunagar	II
4.	Sarangpani.R	Gaming	Kamaraj College of Engg& Tech, Virudhunagar	II
5.	DeepaNandhini.G	Quiz	Sri Sowdambika College of Engineering, Aruppukottai	I
6.	RamalakshmiMangai.C			II
7.	Bhagirathan.M	Code Impossible	Kamaraj College of Engg& Tech, Virudhunagar	II
8.	Sarangpani.R	Gaming	Kamaraj College of Engg& Tech, Virudhunagar	II

9.	Johnvi.K	Software Battle	Kamaraj College of Engg& Tech, Virudhunagar.	Winner
10.	Tharmaputhra.M			Runner
11.	DeepaNandhini.G			Runner
12.	Abirami.L	Oyilattam Dance for High Range Book of World Record	Sri Kala Kendira Madurai & CSI JeyarajAnnapackiam college of Nursing & Allied Science, Pasumalai, Madurai.	World Record

Department toppers

BATCH 2017-2021

KAMILA BEGUM K
CGPA : 8.04

BHAHIRATHAN M
CGPA : 8

ATSHAYA G
CGPA : 7.88

PRIYANKA
BHARATHI K
CGPA : 7.88

BATCH 2016-2020

SURENDAR K
CGPA :8.87

KARPAKA KANI S
CGPA:8.51

YUVA MEENA S
CGPA:8.31

BATCH 2015-2019

AMARAVATHI K
CGPA:8.93

BRINDHA NA
CGPA:8.92

SUBASHINI M
CGPA:8.5

Placed students

ZOHO

AMARAVATHI.K
ZOHO CORPORATION

SIX PHRASE

APOORVIKA.S
SIX PHARSE,FRIENDZION

Zealous

ARCHANA.G
ZEALOUS

TATA CONSULTANCY SERVICES

BRINDHA.N.A
TATA CONSULTANCY
SERVICES

ENTERPRISE TOUCH

CHOCKALINGAM.S
ENTERPRISE TOUCH

Zealous

DEEPIKA.T
ZEALOUS

FSS

GEETHA.P
FSS,ENTERPRISE TOUCH

vinayak infotech

GUBERA LAKSHMANAN.P
VINAYAK INFOTECH

HCL

JANAGA LOGESH.T
HCL

KARTHIKA.K
VINAYAK
INFOTECH,APPTIVO

KEERTHANA M
SPYNEST,ENTERPRISE
TOUCH

MUTHU SURIYA S
ETHNUS

PARTHIBAN G
ZEALOUS

PARVATHY.M
CRYSTAL DELTA
SOLUTIONS

PRATHICKSHA.I
ZEALOUS

REVATHI
PRIYADHARSHINI.B
ZEALOUS

SHALINI.M
APPTIVO

SUBASH.S
DATA ZOIC

SUBASHINI.M
CRYSTALDELTA
SOLUTIONS

SUBHASHINI.R
SPYNEST

SUDHARSHNI.M
TATA CONSULTANCY
SERVICES

SUGANTHI.S
ABSERVE TECH

SURIYA NARAYANAN.J.R
ENTERPRISE TOUCH

SWARNALATHA.R
JADFOCUS,WIPRO

THASLIMA.S
ABSERVE TECH

VIGNESH PANDIAN.R
KAAR TECHNOLOGIES

VIVEK.R
ZEALOUS

MoU's and Industrial Visits:

MoU:

We the department of Information technology has signed the Memorandum of Understanding with the Litztech of Coimbatore to enhance our students knowledge in the field of Project and Team work management. Litztech is the blooming company in Coimbatore in the domain of Mobile application development and the Web Development. By this MoU the students will obtain the opportunity to get into the IT company as the interns and they will also be benefitted to attend the Placement drive of their company.

We the department of Information technology has signed the Memorandum of Understanding with the Friendzion Technologies Hosur to enhance our students knowledge in the field of Internship and Placement activities. Litztech is the blooming company in Hosur in the domain of Digital Marketing,Mobile application development Web Development and ERP.

Industrial Visit:

The final year (2015-2019) has gone through the industrial visit with our faculty membersMrM.Prabhananthakumar and MrsS.Rathnamala to the Friendzion technologies, Hosur. This visit helped our students to clinch the knowledge in the domain of testing.

All the students of II year IT(57) and three faculty members visited HCL Technologies, Madurai. An interaction session was conducted by Mr.Vivek, Senior Software Engineer elaborated the current projects done by the HCL industry. He also explained about the recent technologies in the IT industry.

After the end of the tour the students were very much eager to learn the new processes of HCL Technologies

The students of III-Year with the faculty members have gone through the industrial visit to Igonix technology of Pondicherry. They gained the knowledge on Digital marketing and some recent trends of technologies in the digital marketing.

Editorial members

Mr.S.V.K .Muthu Kumar

Assistant Professor

MrsP.PabithaMuthu

Assistant Professor

Ms. S. Rathnamala

Assistant Professor