

Format for Mandatory Disclosure as per AICTE Norms

Name of the Department*	Information Technology					
Course	B.Tech., Information Technology					
Level	UG					
1 <sup>st</sup> Year of approval by the Council	1999 (F. No: 730-52-281 (E) /ET/ 97)					
Year wise Sanctioned Intake	<b><u>2016-2017</u></b>		<b><u>2015-2016</u></b>		<b><u>2014-2015</u></b>	
	120		120		120	
Year wise Actual Admissions	125		140		137	
Cut off marks – General Quota	High	Low	High	Low	High	Low
	197.75	151.50	199.76	154	197.34	158.34
% Students passed with Distinction	<b><u>2016-2017</u></b>		<b><u>2015-2016</u></b>		<b><u>2014-2015</u></b>	
	6%		14%		10%	
% Students passed with First Class	82%		73%		71%	
Students Placed	103		105		101	
Average Pay packages, Rs./Year	5.23 lakhs		5.52 lakhs		3.5 lakhs	
Students Opted for Higher Studies	16		13		6	
Accreditation Status of the course	Accredited by NBA in March 2015 for 5 years (F. No. 33-124-2010-NBA –dated March 23, 2015)					
Doctoral Courses	Ph.D					
Foreign Collaborations, if any	<p>1. International Speech Communication Association (ISCA) sponsored 2000 Euros (Rs. 1, 39, 371/-), France to organize WiSSAP 2016 (Jan 8-11' 2016 ) edition. The Following members were the invited speaker</p> <ul style="list-style-type: none"> <li>• Prof. MarcSwerts is a Professor in the Department of Communication and Information Science at Tilburg University, The Netherlands.</li> <li>• Prof. MarkHasegawa-Johnson is a Professor of Electrical and Computer Engineering at the University of Illinois (Urbana-Champaign),and a Fellow of the Acoustical</li> </ul>					

	<p>Society of America.</p> <ul style="list-style-type: none"> <li>• Prof.Yi Xuisa Professor of Speech Sciences, Dept. of Speech, Hearing &amp;Phonetic Sciences, University College, London.</li> </ul> <p>2. Dr. -Ing. Nirmala Shenoy, Professor, Networking Security and Systems Administration Department, Director, Lab for Wireless Networking and Security, Rochester Institute of Technology, Rochester NY Visited our department on 01-07-2015 for Research Collaboration and Idea Exchange with our Students and Faculty.</p> <p>3. Prof. Yong Meng TEO, National University of Singapore, Mr. Murugan Achanaicker, Magna Closures, USA, Prof. Vitaliy Mezhuvey, University of Malaysia, Pahang visited our department during January 10-11, 2017 as the part of IEEE Sponsored International Conference on Computer, Communication, and Signal Processing (ICCCSP 2017) organized by our department.</p>
Professional Society Memberships	<p><b><u>Students Membership Details</u></b></p> <p>IEEE - 34 Nos.</p> <p>ACM - 45 Nos.</p> <p>CSI - 45 Nos.</p> <p><b><u>Faculty Membership Details</u></b></p> <p>IEEE - 20 Nos.</p> <p>ACM - 2 Nos.</p> <p>CSI- 4 Nos.</p> <p>ISTE - 7 Nos.</p> <p>IETE - 3 Nos.</p>
Professional Activities	<p>In association with various professional societies like IEEE, CSI, ISTE, ACM, the department organizes various technical events</p> <p><b>SSN - IEEE Student Branch Activities</b></p> <ul style="list-style-type: none"> <li>• International Conference</li> <li>• National Conference</li> </ul>

	<ul style="list-style-type: none"> <li>• Workshop</li> <li>• Guest Lecture</li> <li>• Symposium</li> <li>• Meeting</li> <li>• Competition</li> <li>• Technology Awareness Programme</li> <li>• Membership Drive</li> <li>• Technical Talk</li> <li>• Conclave</li> <li>• Congress</li> <li>• Celebration - IEEE Day</li> </ul> <p><b>SSN - IEEE Computer Society Student Branch Chapter</b></p> <ul style="list-style-type: none"> <li>• Congress</li> <li>• Workshop</li> </ul> <p><b>IEEE MAS Student Project Funding</b></p> <ul style="list-style-type: none"> <li>• Student Project Competition</li> </ul> <p><b>SSN - IEEE WIE Affinity Groups</b></p> <ul style="list-style-type: none"> <li>• Seminars</li> <li>• Awareness Programmes</li> </ul> <p><b>SSN - ACM Student Chapter</b></p> <ul style="list-style-type: none"> <li>• Seminar</li> <li>• Workshop</li> <li>• Programming / Quiz Contest</li> </ul> <p><b>SSN - CSI Student Chapter</b></p> <ul style="list-style-type: none"> <li>• General Aptitude Programmes</li> <li>• Workshop</li> </ul>
Consultancy Activities	<p>1. Faculty have developed the Foundation Course Contents for HCL:</p> <ul style="list-style-type: none"> <li>• Computer Organization</li> <li>• Computer Networks</li> <li>• Operating System</li> <li>• Software Engineering</li> <li>• Java</li> <li>• Dot Net</li> <li>• Python</li> <li>• Embedded system</li> </ul>

	<ul style="list-style-type: none"> <li>• Cognitive Computing</li> <li>• Internet of Things</li> <li>• Cloud Computing</li> <li>• Open source Tools</li> </ul> <p>2. Faculty involved in training the trainers of HCL in our campus.</p> <p>3. Two faculty deputed for Madurai and Lucknow campuses of HCL to train the trainers.</p> <p>4. Faculty involved in speech related consultancy activities with TVA.</p> <p>5. Faculty involved in the development of course contents and its delivery to the rural science graduates with Redington - CSR Initiatives.</p> <p>6. Faculty contributed in the curriculum design of course ware for graduate engineers with Mu Sigma.</p> <p>7. Faculty involved in launching of Design Thinking Club in SSN Institutions with Intellect Design Arena Ltd., Chennai.</p> <p>8. Faculty involved in exploring possible research collaborations with CTS.</p>
Grants Fetched	<ul style="list-style-type: none"> <li>• Dr. T. Nagarajan, Prof &amp; Head/IT has received a grant of Rs. 76.6 lakhs from Department of Electronics and Information Technology (DeitY), Ministry of Communications &amp; Information Technology (MCIT), Govt. of India, for the project titled “Development of TEXT to SPEECH SYSTEM in Indian Languages – High quality text to speech synthesis and small footprint TTS integrated with disability aids”.</li> <li>• Dr. R. Srinivasan, Prof/IT has received a grant of Rs. 31.62 lakhs from Defence Research &amp; Development Organization (DRDO), Ministry of Defence, Govt. of India, for the project titled “Study of Soft Errors in 65nm Gate Length CMOS SRAM and 30nm Gate Length FinFET, TunnelFET and Junction-less FET-based SRAMs Using TCAD Simulation”.</li> </ul>

	<ul style="list-style-type: none"><li>• Dr. T. Nagarajan, Prof &amp; Head/IT has received a grant of Rs. 25 lakhs from Tamil Virtual Academy (TVA), for the project titled “Speech Assistive Aids for Visually-Challenged People”.</li><li>• Dr. R. Srinivasan, Prof/IT has received a grant of Rs. 21.8 lakhs from Department of Science and Technology (DST), Govt. of India, for the project titled “Process variational study and performance analysis of nano-scale MOSFETs and FINFETs”.</li><li>• Dr. T. Nagarajan, Prof &amp; Head/IT has received a grant of Rs. 13.72 lakhs from Department of Science and Technology-TIDE, Government of India, for the project titled “Speech-Input Speech-Output Communication Aid (SISOCA) for Speakers with Cerebral Palsy”.</li><li>• Dr. T. Nagarajan, Prof &amp; Head/IT has received a grant of Rs. 9.52 lakhs from Tamil Virtual Academy (TVA), Govt. of Tamilnadu for the project titled “Speech-Enabled Interactive Enquiry System in Tamil”.</li><li>• Dr. T. Nagarajan, Prof &amp; Head/IT has received a grant of Rs. 9 lakhs from All India Council for Technical Education (AICTE), Govt. of India, for the project titled “An assessment and intelligibility modification system for dysarthric speakers”.</li><li>• Dr. T. Nagarajan, Prof &amp; Head/IT has received a grant of Rs. 4 lakhs from Murasu Systems SdnBhd, Malaysia, for the project titled “HMM-based Text-to-Speech Synthesis System for Malaysian Tamil”.</li><li>• Dr. P. Vasuki, Asso.Prof./IT has received a grant of Rs. 2.3 lakhs from All India Council for Technical Education (AICTE), Govt. of India, for the project titled “Voice-enabled documentation and mailing systems in Indian languages”.</li><li>• Dr. T. Sree Sharmila has received the International Travel Support (ITS) of Rs. 67,586/ for travel, visa and registration from Department of Science and Technology</li></ul>
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	<p>(DST) for presenting the paper in the International Conference IEEE TENCON 2016, Singapore during November 22-25, 2016.</p> <ul style="list-style-type: none"> <li>• Dr. G. Muneeswari, Asso.Prof./IT has received a “Travel Grant” of Rs. 10, 000/- from an External Funding Agency (Centre for International Co-operation in Science (CICS), Promoted by Indian National Science Academy(INSA) in Association with Scientific Agencies &amp; Departments) for participating in an International Conference on Artificial Intelligence and Computer Science (AICS2015), held during October 2015, Penang, Malaysia.</li> <li>• The department has received a total grant of Rs. 28.48 lakhs sanctioned by SSN Trust towards faculty research projects.</li> <li>• The department has received a total grant of Rs.6.40 lakhs sanctioned by SSN Trust towards student projects.</li> </ul>
<p>Departmental Achievements</p>	<p><b>Accreditation</b></p> <ul style="list-style-type: none"> <li>• Accredited by NBA for the second consecutive term for 5 years for the period 2015-2020.</li> </ul> <p><b>Research</b></p> <ul style="list-style-type: none"> <li>• Among 29 faculty members, 15 are Ph.D holders and 14 are pursuing Ph.D.</li> <li>• Recognized Nodal Research Centre of Anna University Chennai since 2011, for pursuing PhD and M.S degree programmes. 37 scholars have registered for Ph.D. under 8 recognized supervisors and 9 Ph.Ds have been awarded.</li> <li>• Actively engaged in research in diverse fields, having received funded projects with a cumulative grant of 1.93 crore, sponsored by DST, DeitY, DRDO, AICTE, TVA, Murasu Systems SdnBhd, Malaysia and SSN Trust.</li> <li>• The faculty and students have published <b>513</b> research papers in reputed journals and</li> </ul>

conferences.

#### **Academic Achievements**

- The department has produced 98 University rank holders so far.

#### **Placement**

- The department has a perfect understanding of how the corporate world works and this helps in organizing events and programs that will provide avenues to the students to get exposed to the real world of work. Guest lectures are regular affairs and the students get ample opportunities to closely interact with professionals from different industries. The department offers 3 guest lectures per semester.
- The department also arranges in-house training, projects and internships with corporate organizations so that the students may get a comprehensive industry orientation helpful in polishing their skills before they start their actual careers.
- The department has built up an impressive placement record both in terms of percentage of registered students placed, as well as the number of companies recruiting every year. The average annual salary during campus placements for the students is Rs. 5.3 lakhs per annum. There is also a steady increase in the number of students placed with higher packages every year.

#### **Newsletter**

- The department publishes a bi-annual department newsletter 'IdentITy' which serves as a window to the significant events happening in the department, the noteworthy achievements of faculty as well as students and the articles contributed by students and faculty.

### **Organizing Events**

- Converita is the annual national level students' technical symposium organized by the department. The highlight of this event is its massive ability to reach thousands of participants, providing a stage for the aspiring minds to establish their talents and showcase it to the right audience. The department has conducted 14 symposiums so far.
- The department has an excellent track record of organizing various FDPs, workshops and seminars in areas of emerging technology. So far, the department has organized about 98 FDPs/Workshops/Seminars.
- The department has successfully organized the "Winter School on Speech and Audio Processing (WiSSAP 2016)", during January 8-11, 2016. In the past 11 years, this is the second time in the history of WiSSAP that it was conducted in a private Institution like SSN outside IITs/IISc in India.
- The department has been on the forefront in organizing conferences too. So far, the department has organized 7 National/International Conferences.
- The department has made an important move in the direction of research by organizing 'Research Scholars Symposium' every year since 2015. Till now, the department has conducted research scholar's symposia on three themes, namely: 'Data Analytics (DA)', 'Data Analytics and Security' and 'Social Network Analysis (SNA)'.
- The department has also taken an innovative step to encourage research and development culture amongst engineers during the formative years of their undergraduate and postgraduate studies by organizing VIVID- a National Level Project Competition as an annual event since 2016. This forum creates a platform for enabling



the students of B.E/B.Tech/M.E/M.Tech of IT/CSE and ECE from various Institutions across the country to explore, enhance and exhibit their ideas and innovative skills.

**Awards earned by faculty from external bodies**

- Dr. T. Sree Sharmila, Asso.Prof./IT has received “Bharat Vikas Award” by Institute of Self Reliance on Nov 19, 2017.
- Dr. T. Sree Sharmila, Asso.Prof./IT has received “Dr. APJ Abdul Kalam Award for Teaching Excellence” by Marina Labs on October 21, 2017.
- Dr. T. Sree Sharmila, Asso.Prof./IT has received "Young Women Achiever Award" (Engineering) by Venus International Foundation on March 5, 2016.
- Dr. G. Muneeswari, Asso.Prof./IT has received “Best Teacher Award” from GRABS Educational Charitable Trust on November 1, 2015.

**Some Notable Student’s Achievements**

- Sampreetha P, M Uma Maheshwaran, Revanth S J, Yogesh S of II Year IT have won the first prize in HACKATHON #1.0 organised by Jeppiaar Institute Of Technology (JIT) wherein 41 teams from 20+ different colleges participated.
- S. Saivignesh, K. Rajesh, Raxit S.jain, Shivani M.R, B.Vignesh and J.Nadeem Sherif are participated Smart India Hackathon 2017 (SIH 2017), the 36 hours World’s Biggest Hackathon Organized by Ministry of HRD & AICTE at Allahabad and selected top 8 among 61 teams.
- Sandya N and Soundarya R have done internship at United India Insurance Co. Ltd in 2016.
- Aneerudh have received Graduate Intern with Metarvrse Technologies for 6 months with CTC of INR 18 Thousand in 2016.
- Muthusamy A, Shrihari and Tarunika R have received Graduate Intern with NSM Services Pcv. Ltd. For 1 month with CTC of INR 1.3

	<p>lakhs in 2016.</p> <ul style="list-style-type: none"> <li>• Sri Vishnu Kumar K and Vaikunth M have pursued internship at Microsoft for a period of 2 months with a CTC of 4 lakhs in 2016.</li> <li>• Akshay Karthick L has done an internship at Qube Cinema Technologies Pvt. Ltd in 2016.</li> <li>• Harish A and Akshay Karthick L have done internship at Ibiz Consultancy Services India Pvt. Ltd in 2016.</li> <li>• Srinidhi Sridharan has done AN internship at Karlsruhe Institute of Technology, Germany in 2016.</li> <li>• Arul Dhana Saam Prakash, R. Aparna, M.H. Faritha and Ms Poornima presented paper, titled " Versatile and Economical Acquisition setup for Dorsa palm vein" in Big Data and Cloud Computing (ISBSS'15) in Elsevier - Proudia Computer Science in 2016.</li> <li>• M.S.L. Meghana , K. Gokula Priya , S. Krithika and Dr Chithra S published paper, titled " Enhancement of IOT using LoRa Architecture" in International journal of applied engineering research in 2016.</li> <li>• Muthusamy A of 2013-2017 won the first place in "Pursuit of Prodigy" in Samhita16, MIT.</li> <li>• Muthusamy A of 2013-2017 won the second place in "How stuff works" in Samhita16, MIT.</li> <li>• Muthusamy A of 2013-2017 attended intership in Ossify.</li> <li>• Praksh and Sathish of 2013-2017 published a paper "Dynamic Round Robin with SJF task Scheduling" in ITAER.</li> <li>• T.M.Venkatesh, N V Vishnuvardhan, S.Srinivasan, G Muneeswari presented paper " A Stroke concealed point method with integrated approach of "Asymmetric Cryptography and Steganography" in International research journal for engineering and technology in July 2015.</li> <li>• A.Prakash, M.Satish, and T.Sri Sai Bhargav of 2013-2017 and Dr Munesswari.G "Improving Cloud Security Using Multi Level</li> </ul>
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	<p>Encryption and Authentication" in international Journal of Innovative Research in Information Security (IJIRIS) ISSN: 2349-7017(O) Issue 8, Volume 2 in (August 2015)</p> <ul style="list-style-type: none"> <li>• Pradipta Chandra and Kartick R of 2014-2018 Batch published a book, titled "C-Made Easy".</li> <li>• Dance Team comprises of Neeraj, Nikil Charu and Veera Vignesh of 2014-2018 Batch and Arjun, Vignesh 2013 - 2017 and Anantha Nataraj of 2012-2016 Batch students won many prizes in intra college dance competition includes, Second place in Sarang, IIT and won 3rd place in Ethiraj College for Women and Women's Christian College, Loyola Engineering College.</li> <li>• Prakash and Sathish of 2013-2017 have secured, Best Presenter Award in a UG research meet held at SSN College Of Engineering with a cash prize of Rs.2000.</li> <li>• Prakash and Sathish of 2013-2017, Won 3rd place in Quiz competition at Madras Institute of Technology, Anna University, Chennai in Symposium- with a cash prize of Rs. 1000.</li> <li>• Prakash and Sathish of 2013-2017, Won first place and cash award of Rs 3000 in paper presentation in symposiums conducted in Anand Institute of Higher Technology.</li> <li>• Prakash and Sathish of 2013-2017, won first place and cash award of Rs 3000 in paper presentation in symposiums conducted in Agni College of Engineering and Technology.</li> <li>• Sharmila of 2013-2017 batch represented Tamilnadu state in Federation South Zone Nationals, Ananthapur, Andhra Pradesh in 2015</li> <li>• Sharmila of 2013-2017, represented Tamilnadu state in YBC national level tournament, Tuticorin, Tamilnadu. (2015)</li> <li>• Aditya Mangal, Runner up in PIPS(Pranav India Parliamentary Simulation) conducted by Meenakshi College of Engineering.</li> <li>• Aditya Mangal, Winner is the Literary Event</li> </ul>
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	<p>"Shipwreck" at WOW'15 conducted by Rajalakshmi College of Engineering.</p> <ul style="list-style-type: none"> <li>• Aditya and Akshara ,Runner Up in MockG20 conference in "Kurukshestra'16" conducted by Anna University.</li> <li>• Aditya,Akshara and Aishwarya,Winner in K!Wallet event in "Kurukshestra'16" conducted in Anna University.</li> <li>• Aditya,Akshara,Aishwarya,Runner up in Chaos Theory in "Kurukshestra 16" conducted in Anna University.</li> <li>• Aditya and Arun,Winner of "TechtoBiz" Event In ITTRIX'15 , National Level Technical IT Symposium conducted by Anna University.</li> <li>• Aditya and Akshara, Second Place in management event "Fourth Estate" conducted in Kurukshestra'15 by Anna University.</li> </ul>
Distinguished Alumni	<ul style="list-style-type: none"> <li>• Ravichandran Ashwin (2003-2007) - Indian international cricketer</li> <li>• Shyamal Rao Palli (2002-2006) -Vice President at Morgan Stanley</li> <li>• B.Prashanth (2010-2014) - Sr. Tech. Associate, BA Continuum India Pvt. Ltd.</li> <li>• Sudharsan Lakshminarasimhan(2005-2009) - JavaScript Engineer in Test at The MathWorks</li> <li>• Sri Vishnu Kumar K (2013-2017) Pursuing MS in University of Oxford, UK</li> <li>• Prakash A (2013-2017) - Software Development Engineer, Amazon, Chennai</li> <li>• Vaikkunth M (2013-2017) currently Pursuing PhD in MIT, USA.</li> </ul>