Department of Computer Science
Sri Venkateswara University, Tirupati
(UGC SAP DRS-II & DST –FIST)

About

The Department was established in 1985 and ever since its inception; the department has been a pioneering academic centre for higher education, research, and innovation in core and key areas of computer science and applications.

The Department of Computer Science was given the status of the separate department in 2003 after bifurcation from College of Engineering. It has grown in stature to be ranked amongst the best in the university offering world class pedagogical and research experience to its students.

The Department is recognized under Special Assistance Programme (SAP) by the University Grants Commission and has been awarded (NO: F.3-49/2011 (SAP-II)) for a period of 5 years with an amount of Rs.47,00,000 and SAP DRS–II with an amount of Rs.88,00,000 & with DST – FIST with an amount of Rs.60,00,000

CS researchers contribute to cutting-edge research in topical areas of computer science and applications and are active researchers in their respective domains of expertise enhancing publication profile and citations accumulated by the publications

The department's alumni include renowned academicians, leaders in computer and IT industry, distinguished scientists, and trendsetting entrepreneurs

The department currently offers two PG level professional programmes following Choice Based Credit System and two research-oriented programmes. Both M.Sc. (CS) & MCA are interdisciplinary programmes offering Computer Science subjects along with Mathematics, Statistics, Management and Commerce are also having as one of the core /elective subjects.

The courses offered in the department meet the requirements of both the industry and research. The curriculum is designed to train the students in developing application programmes (software) and also designing and developing computing systems (hardware). Faculty members taking classes, involving in curriculum development and implementation in the departments having computer subjects like Zoology, Biotechnology, Geography, Microbiology, Bioinformatics etc.

Vision

Uncompromising and unflinching efforts to turn a student into a consummate individual to stand up to changes and surge ahead against any backdrop

Mission

Sublime education, through which the student develops himself equips and soars to the cherished and lofty goals with ease and élan

Objectives of the Department

- To deliver the curriculum prescribed to ensure that the students graduate with a high CGPA.
- To maintain the teaching-learning process innovative, interactive and in-depth and to ensure an effective relationship between the curricular content and practical applications.
- To develop knowledgeable and responsible citizens for participating in nation building activities.
- To train the students with latest technologies to occupy positions in:
  - IT Industries
  - Academic Institutions
  - Research and Consultancy Organizations

Course Programs

The department has maintained an excellent reputation for high quality degree programs. Entry into all degree programs is highly competitive. The two course-based professional masters programs currently offered by the department are M.C.A, M.Sc.(CS) which structured to provide a solid foundation in core areas of computer science & applications through course work while allowing enough flexibility for the student to pursue an area of specialization in their academic (Minor /Major) projects. Almost All students are offered scholarships during their period of study.

Master of Computer Applications (MCA)

Intake   : 120/academic year

Regular	:	30
Self Supporting	:	90
Faculty student ratio	:	1:24
Admission	:	Through State Level Entrance Test - ICET
Mode	:	Regular & Distance Education

M.Sc in Computer Science (M.Sc.(CS))

Intake	:	49/academic year
Regular	:	---
Self Supporting	:	45
Faculty student ratio	:	1:20
Admission	:	Through University Level Entrance Test - SVUPGCET
Mode	:	Regular & Distance Education

Research Programs

CS offers two research programs, M.Phil. and Ph.D., that train a student to become a perceptive and sound researcher. Students are expected to conduct independent research under the supervision of a faculty member, prepare a research proposal, and author a dissertation describing their original work. The anticipated time to earn the M.Phil. & Ph.D. degrees are 2 and 3 years, respectively. Before completion of their programs, students are expected to present and publish their research results at premier national/international fora.

Ph.D. in Computer Science

Admission	:	Through State level entrance test - APRCET
Mode	:	Full Time & Part Time.
Eligibility	:	M.Sc(CS) & MCA

Research Thrust Areas of Department

- Cryptography and Network Security
- Artificial Intelligence
- Software Engineering
- Bioinformatics and computational biomedicine.
- Networking
- Machine Learning
- Data Mining
- Big Data
- Cloud computing
- IoT

Current Faculty

Professors	:	3
Assistant Professors	:	4
Academic Consultants	:	6

Non-Teaching Staff

Jr Assistant   :   1
NMR   :   3

FACILITIES IN THE DEPARTMENT

INFRASTRUCTURE FACILITIES

Printers	15
LCDs	06
Xerox Machine	01
LED TV	02
Internet Facility	Wi-Fi BSNL, JIO & University Provided Wired Connection
Servers	02
Software's	E-Learning, Anti-Virus, Application Softwares'
Two Computer Laboratory	100 Systems

PHYSICAL FACILITIES

Class Rooms	04
Office Rooms	01
Staff Rooms	05
Computer Labs	02
Library Room	01
Toilets	02

LIBRARY AS A LEARNING RESOURCE	
Books	728
Ph.D. Thesis Reports	65
M.Phil. Dissertation Reports	46
M.C.A. & M.Sc(Cs)-(Major & Minor Project Reports)	1087
e-Journals	168
e-magazines	43

Library

Department is having good library with good number of subject books which are helpful to the staff as well as to the students.

Prof. M.Padmavathamma working as Head, Department of Computer science and Principal, SVU College of CM &CS, S.V.University, Tirupati. I started my professional career as Assistant Professor in S.V.University, Tirupati, further I elevated as Associate Professor and Professor in the same University. I rendered 29 years and 8 Months of academic service in various academic and administrative capacities like Co-ordinator, Head, Department of Computer science, Board of Studies Chair Person for S.V.University, Tirupati, Yogi Vemana University, Kadapa, Vikram Simhapuri University, Nellore, and Rayalaseema University, Kurnool. Further to inform that I am a member of various committees like AICTE, UGC etc., Apart from the usual academic positions I have been appointed as Joint Secretary of UGC, New Delhi and worked with the at most satisfaction of the UGC authorities during 2013. I have been granted prestigious Research Projects 5 from UGC, New Delhi, & 3 from DST, New Delhi One from ACITE, New Delhi of worth more than Two Crore Rupees. 5 Research projects successfully completed and 2 Research project under progress. 21 scholars received their Ph.D., degrees and many M.Phil & M. Tech projects are submitted in my guidance. One foreign scholar from Kuwait received his doctoral degree under my supervision and one other foreign scholar from Denmark is working for his Doctoral program. In connection with my research collaboration, I visited many countries like Singapore, China, Malaysia, Hongkong, Mauritius, Kuwait, and Bahrain. I have been invited as keynote speaker for many International Conferences. 109 Research papers published in many National and International Journals & Conference Proceedings. I published 1 Text Book published Information Security in Computer Science. I have been accomplished with many research awards in many national & International Conferences. In accumulation, during 2014, I conferred with State Best Teacher Award (Inter University Level in Engineering Subjects), announced by Department of Higher Education, Government of Andhra Pradesh.

prof.padma@yahoo.com

Prof.S.Ramakrishna is working as Chairman BoS in the Department of Computer Science, Sri Venkateshwara University, Tirupati. He did his M.Sc, M.Phil. M.Tech.., and Ph.D. His area of research specializations includes Fluid Dynamics, Network Security, Data mining. He is having 31 years of Teaching Experience and 35 years of Research Experience. He is a Fellow of Andhra Pradesh Academy of Sciences. Published 23 papers in National and 87 papers in International Journals. He attended 19 National and 19 International Conferences. Organized 05 National Conferences, 23 PhD's and 22 M.Phil.'s Guided, Authored 07 books. Visited U.S.A, U.K. for attending international conferences. He is a member of many Professional Bodies (like APAMT, Mathematical Association of BHU, Operations Research Society of India, Andhra Pradesh Academy of Sciences, CSI, IAENG, Society of Operations Research). Apart from teaching and research, involved in administration serving various positions (like Dean, Head, Chairman BoS, Warden, Coordinator etc).

9441495972
drsramakrishna@yahoo.com
drsramakrishna.svu@gmail.com

Prof. Dr. G. Anjan Babu is working as Incharge Director DoA and Coordinator M.Sc(CS) in the Department of Computer Science, Sri Venkateshwara University, Tirupati. He did his Ph.D. in Computer Science from Sri Venkateshwara University, Tirupati. He is in teaching since 1998. He presented more than 65 papers in National and International Conferences and published 65 papers in reputed journals. He is acting as a Keynote Speaker, Session Chair, Reviewer, Advisory Committee Member and Technical Committee Member for many National & International Conferences. He visited China, Malaysia, Thailand, Sri Lanka, U.K., Maldives, Vietnam, Singapore to act as Keynote Speaker, Session Chair and for presenting papers in International Conferences abroad. He is a member of many Professional Bodies (like IAENG, IACSIT, ISCA, ISTE etc.), Editorial, Reviewer and Technical Committee Boards for various journals. He Organized National & International Conference's, Workshops, Shot Term Courses and Student Meets. Presently, he is guiding the students for PhD in the areas like Data Mining, Neural Networks, Software Engineering and Graph Databases. Besides teaching and research, had experience in the administration by serving in various positions (like Joint Director DoA, Head, Chairman BoS, Liaison Officer, Warden, Coordinator, S V University Teachers Association EC Member, S V University Alumni Association EC Member, Coordinator Confidential Work etc.), committees and bodies constituted by the University from time to time to streamline and strengthen the academic atmosphere in the campus.

9959168462
gabsvu@gmail.com

I am Dr.E. Kesavulu Reddy, working as an Assistant Professor in the Department of Computer Science, S.V. University College of CM&CS, Tirupati. Firstly, I've joined as a Teaching Assistant on open merit in the department of Computer Science, School of Management and Information Sciences, S.V. University College of Arts and Sciences, Tirupati from 13th October, 2004 to 30th June, 2006. Also, I worked as an Academic Consultant in the department of Computer Science, S.V.U College of Commerce management and Information Sciences from July 2006 to June 2007. During the year 2007, the S.V. University was constituted with Seven Colleges and this college was renamed as S.V. University College of Commerce management and Computer Science. After Recruitment I was appointed as an Assistant Professor in the department of Computer science, S.V. University College of Commerce Management and Information Sciences on 03-07-2007. The S.V. University was constituted with Seven Colleges and this college was renamed as S.V. University College of Commerce management and Computer Science.

9866430097
ekreddysvu2008@gmail.com
ekreddysvu2002@yahoo.com

Dr. Mooramreddy Sreedevi working as Assistant Professor, Department of Computer Science, Sri Venkateswara University, Tirupati, A.P since 2007. She obtained her Ph.D. in Computer Science from SV University Triupati. She acted as a Deputy Warden for Women for 4 years and also acted as an EC Member and Lady Representative for 2 Years in SVUniversity Teachers Association SV University Tirupati. She is acting as UG examination Co-ordinator in examination section of SVU. I received Three awards and the author of 9 books. She published 80 research papers in UGC reputed journals, participated in 35 International conferences and 54 National conferences. She acted as resource person for different universities. Her current research focuses in the areas of Network Security, Data Mining, Cloud Computing and Big Data Analytics.

9440571597
msreedevi_svu2007@yahoo.com

Dr. G.V.Ramesh Babu is working as Assistant Professor in the Department of Computer Science, Sri Venkateswara University, Tirupati. He awarded his Ph.D in the year 2015 from S.V.Univesity. He pursued M.Tech from Vinayaka Mission University, Selam in the year 2005 and MCA from Osmania University, Hyderabad. He has 15 years of teaching experience in P.G Course and 2 years in UG course. He published 25 Research articles in different reputed journals. He visited and presented 30 research papers at various National and International Conferences like China, Malaysia, and Singapore etc. He has specialisations in Privacy Preserving Data Mining, Cryptography & Network Security, Software Engineering and E-Commerce. He attended number of webinars, workshops and FDP's. For several years, he served as Deputy Warden in the men's hostel and supervised as a placement officer at SV University. He has played an integral role as a special officer for examinations of professional courses at SV University.

9246999922
gvrameshbabu2002@yahoo.com

Dr.Vijaya Lakshmi Kumba is working as Assistant Professor in the Dept. of Computer Science, Sri Ventateswara University, Tirupati. She has 15 years of Teaching, Research Experience. Her area of interest is Artificial Intelligence, Expert Systems, Data Mining, Database Management Systems, Software Engineering, Introductory Programming with Java, Data structures, UNIX Network Programming and Systems Programming. She published 18 Research articles in reputed International Journals like IEEE, Springer etc. She presented, participated 27 different International and National Conferences. She involved various administrative works like Member of BoS, Deputy Warder, and External Examiner etc. She has the ability to handle the behavior of the student and increase their caliber with her effective teaching methods.

9393352026
vijayalakshmik4@gmail.com

Sports

Year	Name of the award/ medal	Team / Individual	Inter-university / State / National / International	Name of the event	Name of the student/s
2018	State Level	Ball Batmiton	State level	University Inter College Games	Yeswanth Kumar
2019	State Level	Karatee	State level	University Inter College Games	Purushotham
2019	State Level	Karatee	State level	University Inter College Games	Vinod Kumar
2019	State Level	Kabaddi	State level	University Inter College Games	P. Venkatesh
2019	State Level	Kabaddi	State level	University Inter College Games	A Anil Kumar
2019	State Level	Karatee	State level	University Inter College Games	Hari Priya

NET/ SLET Qualified

Names Of Students Selected/ Qualified	NET	SLET
O. Yamini		Yes
Vasanth Kumar Reddy	Yes	Yes
A. Vijay Kumar	Yes	Yes
T. Giri Babu	Yes	Yes
S. Surya Kumari		Yes

Students admitted for Higher Education

Sl. No.	Name of student enrolling for higher education	Program graduated from	Name of institution admitted to	Name of Programme admitted to
1	Amar Lachi Reddy	SVU College of CM &CS	Florida State University,Florida, USA	MS in Data Science

Meritorious M.Sc (CS) Students For Parthia Awards 2018-19

S.No	Name of the Candidate	Fathers Name	Gender	Catg. Of the candidate	Percentage	Residential Address	Mobile Number	Subject
1	Gunasekhar Jayasree	YGunasekhar	Female	OC	7.75	D.no.1-4-149 Kumarathopu, Tirupati.	9490173390	MSC (CS)
2	Kothapalli Priya	K.sankaraiah	Female	SC	7.72	D.No.33-03 Gollaplli, Penumur Mandal KC Palli Chittoor	9502478148	M.Sc (CS)
3	Malemuragin Bharathi	M.R.Nethaji	Female	BC	7.46	D.no.16-985 Sri Ram Nagar Colony Srikalshasthi	9177163082	M.Sc (CS)

| 4 | Selva raj Meenakshi | P.selvaraj | Female | SC | 7.43 | D.no.8-4,Guravaraju Palli,Renigunta | 9703681817 9642292790 | M.Sc (CS) |
| 5 | Guduru Swetha | G.Sivaramprasad | Female | w | 7.62 | D.no.11-63-1,Maruthi Nagar,Kothapeta,Dhone,Kurnool | 9642986446 9505178937 | M.Sc (CS) |

Meritorious M.C.A Students For Parthia Awards 2017-18

S.No	Name of the Candidate	Fathers Name	Gender	Catg. Of the candidate	Percentage	Residential Address	Mobile Number	Subject
1	Y.Poojitha	Y.Janardhanam	female	OC	8.12	D.No.9-141/A G.M.Street,Narayanavanam	8639439757	MCA
2	Y.Manasa	Y.Marapa Reddy	Female	OC	8.12	Mudiveadu Reddyvaripalli, Kurabalakota	7780636768	MCA
3	Shaik Arifa	Shaik Rahamatulla	Female	BC-E	7.98	D.No.6-17 Narendra Nagar Prakasam Dt,Ongolu	7780636768	MCA
4	S.Anjali	S.Obulesu	Female	SC	7.73	Nuthimadugu Kambaburu, Anantapur	9985021652	MCA
5	Bukya Ramachandra Naick	B.Rekha Naick	male	ST	7.85	D.No.2-27 Peddathanda Sugali Mitta, Punganuru	9701130991	MCA
6	M.susmitha	M.rajasimha	Female	W	8.02	D.No.3/35 Vinayaka Nagar Seva Mandhir,Kodiganahalli	9490380865	MCA

Fellowships

Sl.No	Name Of the Research Fellow	Year Of Enrolment	Duration Of Fellowship	Type Of the Fellowship	Granting Agency
1	M. Nagaraju Naik	2015	3 years	R.G.N. F	Ministry of Tribal Affairs, New Delhi

Conferences/Seminars/Workshops Organized

Year	Name Of the Workshop/Seminar	Number of Participants	Date
2022	National Conference on Machine Learning & Computing Applications (NCMCA -2022) *Dr.K.Vijayalakshmi & Dr.G.V.Ramesh Babu*	300	6th& 7th May 2022
2021	National Webinar on Quality Assurance with Auto Test: Selenium " *Dr.K.Vijayalakshmi & Dr.G.V.Ramesh Babu*	400	14th August 2021
2021	National Conference on Information Security and Data Security in Cloud Computing (ISDSCC2K21) *Dr. E. Kesuvulu Reddy & Dr M.Sreedevi*	550	29-30, April, 2021
2020	International Conference on Machine Learning and Data Analytics (ICMLDA2020) *Prof. G. Anjan Babu & Dr.M.Sreedevi*	450	18 & 19 July 2020
2019	National Conference on Information Security and Internet of Things *Prof.S.Ramakrishna*	660	20th & 21st, 2019
2019	National Conference on Advances in Data Science & Engineering Applications (NCADEA- 2019) *Prof.M. Padmavathamma*	750	February, 8th & 9th, 2019

Extension Outreach Activities Conducted By Department

Name Of the Activity	Name Of the Award/ Recognition	Name Of the Awarding Government/ Government Recognized Bodies	Year Of Award

Blood Donation Camp	Kupuchandrapet Village	Kupuchandrapet Village Panchayat.	2017
Computers Awarness Programme	Agraharam Village	Agraharam Village.	2018
One Week Workshop on Fundamentals of Internet Technology	Kupuchandrapet Village	Kupuchandrapet Village Panchayat	2019
One Week Workshop on Fundamentals of Internet Technology	Agraharam Village	Kupuchandrapet Village	2020
Two Days Awareness Programme on Ethical Hacking and Cyber Security	Agraharam Village	Agraharam Village	2022

Name Of the Activity	Organizing Unit/ Agency/ Collaborating Agency	Name of the scheme	Year Of the Activity	Number Of Students Participated
Swatch Bharat Aids Awareness Vote Awareness	Dept. Of Computer Science (MCA), S.V.University.	NSS SPECIAL CAMP, 2017 NSS REGULAR CAMP, 2018	2017 2018	51 85 45
Public Sanitation Health Awareness Tree Plantation Vote Awareness	S.V. University College Of CM&CS, Tirupati.	NSS Special Camp 2018 NSS Regular Camp 2019		51 51 50 50
Public Sanitation Health Awareness Covid-19 Awareness Tree Plantation Vote Awareness	S.V. University College Of CM&CS, Tirupati.	NSS Special Camp 2019 NSS Regular Camp 2020		51 51 55 50 50
Public Sanitation Health Awareness Covid-19 Awareness Tree Plantation Vote Awareness AIDS Awareness	S.V. University College Of CM&CS, Tirupati.	NSS Special Camp 2020		51 51 30 30 40
Public Sanitation Health Awareness Covid-19 Awareness Tree Plantation Vote Awareness AIDS Awareness	S.V. University College Of CM&CS, Tirupati.	NSS Special Camp 2021		51 51 30 30 40
Voluntary Blood Donation Camp	S.V. University College Of CM&CS, Tirupati.	NSS Regular Camp 2018	2018	100

Student Progress

The students were consistently achieving more than 95% results in all the courses offered. As a part of curriculum students developed various projects as per the needs of various departments of the university.

- Developed software for implementation of Choice Based Credit System in S.V.U Campus.
- Developed E-Communication System for communication between the higher officials of S.V.University.
- Developed Hostel Management System for implementation in SVUCCMIS hostels of S.V.University.
- Developing online examination system for M.C.A. course
- Developed software for S.V.U Health Centre for its operations
- Developed ROUTE MAP for S.V University

Curriculum Design/ Development /Revision

- Undertaking basic research for developing new models of curriculum planning, implementation and evaluation.
- Generating database in the field of curriculum development

- Designing and reviewing of curricula to cope with the emerging areas of technology
- And make these relevant to the needs of industry; and other sectors of employment.
- Undertaking action research for improving curriculum effectiveness in terms of teaching-leaning process, student's performance assessment/evaluation utilization of institutional facilities and networking with employers/other organizations.
- Rendering consultancy to various organizations for extension activities and for design of curriculum
- To undertake design/revision of curricula, the institute has established rapport with industrial/field organizations; other academic institutions. Involvement of professionals from world of work and technical institutions has been one of the salient features in taking appropriate decisions in curriculum design/review.
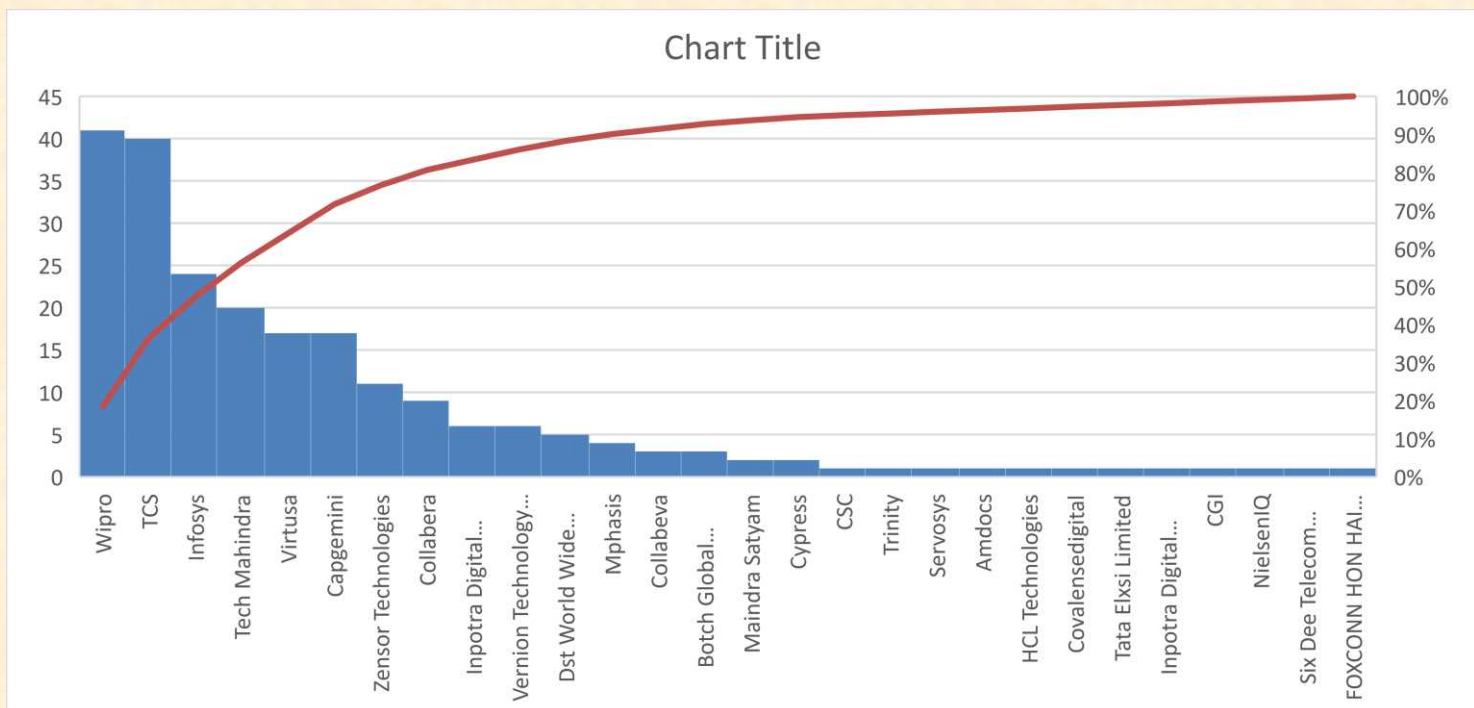
Innovations in curriculum design

- New courses are implemented as per industry requirement
- Seminars conducted to make students aware of emerging technologies in IT.
- Curriculum revised frequently
- Classes on personality development
- Collaborative workshops by top MNC's.
- Syllabus is designed keeping in view the choice-based credit system and student's placement needs.
- Optional papers are included in their curriculum to provide flexible option to meet need of the students going for industry and research.

Strategy's being adopted in designing/revising the curricula

- Identification of potential areas for gainful employment in IT industry.
- Arriving at competency profile, based on employment opportunities, comprising knowledge, skills and attitudes required by the software engineers to perform various activities.
- Preparation of detailed contents in the light of competencies to be developed. Preparation of study and evaluation scheme for implementing the programmes.

Placement 2017- 2021

Every year a remarkable number of Students are placed in Multinational Companies through placements held in the university. "Which Ever MNC you go we have our Alumni there".

Chart Title

Company	Students Selected
2009-2010	
Virtusa	**10**
Tech Mahindra	**1**
Maindra Satyam	**2**
TCS	**22**
Total	**35**
2010-2011	
Tech Mahindra	**1**
Mphasis	**3**
Wipro	**18**
Total	**22**
2011-2012	
Cypress	**2**
Dst World Wide Services	**2**
Wipro	**18**
Total	**22**
2012-2013	
Dst World Wide Services	3
Wipro	5
Total	8
2013-2014	

Infosys	5
Tech Mahindra	1
Total	6

2014-2015	
Infosys	3
CSC	1
Total	4

2015-2016	
Infosys	2
Total	2

2018-2019	
TCS	2
Trinity	1
Total	3

2019-2020	
Servosys	1
Capgemini	5
Virtusa	3
Amdocs	1
Mphasis	1
TCS	6
HCL Technologies	1
Covalensedigital	1
Collabeva	3
Tata Elxsi Limited	1
Zensor Technologies	5
Tech Mahindra	6
Infosys	5
Botch Global Software Technologies Private Limited	1
Inpotra Digital Private Limited	1
	1
Total	42

2020-2021	
CGI	1
NielsenIQ	1
Six Dee Telecom Solutions	1
Total	3

2021-2022	
Virtusa	4
TCS	10
Zensor Technologies	6
Tech Mahindra	11
Collabera	9
Capgemini	12
Infosys	9
Inpotra Digital Private limited	6
Botch Global Software Technologies Private Limited	2
Vernion Technology Solution Private Limited	6
FOXCONN HON HAI TECHNOLOGY	1
Total	76

CONTACT
Department of Computer Science
S V U College of Commerce, Management and Computer Science,
Sri Venkateswara University, Tirupati - 517502, INDIA
Phone: Email: