



ANVESHANA – 2021

➤ **Highlights of the Department 2020 – 2021**

The field of Computer Science is an extremely demanding one because of the continuous and rapid development of new technologies and applications. The Department of Computer Science was established in the year 1991. With 29 years of academic excellence, the department makes every effort to enhance the competency and employability of the students. The Department is led by a team of well qualified and experienced faculty members. 67% of faculty are doctorates and Faculty members are also currently working in research projects funded by UGC, ICSSR & ICSSR ImPRESS.

Every year the department of Computer Science features a series of events that, acts a milestone and a catalyst towards the progression of the department to the next level. These activities endeavor the achievements & accolades of the faculty and the students. It also focuses on the programs that are carried out throughout the academic year for enhancing the all-round development of the students.

HIGHLIGHTS:

- 100% Graduate Outcome
 - 41 University Ranks & 3 Gold Medals
 - Excellent Placement Record
 - State & National Level Participations & Awards
 - 100% Internship @ PG LEVEL
 - Skill Development Certificate Courses
 - Research Guidance
 - Mentoring & Counseling
 - Earn-while-you-learn opportunity
 - Remedial coaching for slow learners
 - Dr. EBG Gold Medal for Toppers
 - Hackathon
 - Learnathon
- **Faculty Accolades**
Dr.T.Deepa, received the Best PPT Designer organized by Zillion Cubes on June 1, 2020.
 - **Student Accolades**
K.K.Sruthi, B.Sreesaradhaa of II B.Sc CS has won the best paper award in International Conference on Signals, Communication and Embedded System Organized by ICT Academy on 18.10.2020.
 - **University Rank**
M.Pavithra of B.Sc IT(2017-2020) has secured 7th rank Bharathiar University results. Keerthana.R of BCA(2017-2020) has secured 6th rank in Bharathiar University results.
 - **Ph.D Awarded**
Dr. D. Sowmyadevi has been awarded Ph.D in Computer Science on 30.9.2020 at Dr. SNS Rajalakshmi College of Arts and Science.

Mrs.M.PremaSundari has been awarded Ph.D in Computer Science on 4.11.2020 under the guidance of Dr.C.Yamini.

- **ICT Learnathon**
100 students participated in ICT Academy launches NEW INDIA LEARNATHON 2020 program. Students learned and earned credentials/certificates for each course and obtained the “NEW INDIA LEARNATHON 2020 - CERTIFICATE OF COMPLETION” from ICT Academy on completion of minimum 10 courses and all the students received the same. Nearly our students received 3082 certificates from the course and our college received the recognized certification for 100 students completing all the 10 courses.
- **ICT Academy CISCO Membership Certificate**
Department has offered skill development certificate program to the students in association with ICT Academy partnered with CISCO. The partnership will enable the students to undertake CISCO certification in emerging areas. The ICT Academy State head Mr.V.Alagiri, handed over the CISCO membership certificate to Principal Dr.K.Chitra.
- **ICT Academy (CSS Corp CSR Project Angular JS)**
ICT Academy is organizing a Skill Training in Trending Technology and Soft skills for 110 hours (Soft skill Training – 50 Hours, Technical Training – 60 Hours) from 22.01.2021 nearly 50 III UG students have registered and the course has started with soft skill training.
- **Hackathon**
In association with Amphisoft Technologies organized an Internal Hackathon for computer science students on 18th November 2020. 113 students participated, prizes were given for top 10 students.
- **Talent Hunt**
Talent hunt was organized for I UG students on 3.10.2020 to bring out their talents and competition was conducted. Best out of waste, singing, poster making, logo designing, video making was conducted virtually and prizes were announced for the same.
- **Workshop Organized**
Organized Workshop on Machine Learning using Python with Real Time Application, Dr.R.Dinesh Babu, Managing Director, Brainswig Edutech Pvt Ltd., on 10.12.2020.
- **Alumni Motivational Talk**
Alumni Motivational talk was organized, the speech was given by Ms.Vidhya Chinnadurai, B.Sc CS (2013-2016), System Engineer, Tata Consultancy Services, Chennai, Ms.R.Jayashree, BCA (2014-2017), Cashier Manappuram Finance Limited, Bhavani on 4.12.2020.
- **Webinar Organized**

S.No	Topic	Resource Person	Date
1	Software Testing	Mrs.Nivethitha Balasubramanian, Senior Consultant, Bangalore.	28.9.2020
2	Automation with Selenium	Ms.H.Yogapriyanka Senior Automation, Testing Executive, Infosys, Mysore.	3.10.2020
3	Big Data Developer and Analyst	Mr. R. Vijayaprabhakaran, Big Data Engineer Capgemini Technology Ltd, Bangalore.	10.10.2020
4	Explore Your Career Goals with Internships	Mrs.Padmapriya Sriram, Program Manager, Agile Health Systems, Chennai	15.10.2020
5	Tips to Attain the Goal	Ms.Gayathri Rajamohan, Software Engineer, Capgemini Technology Ltd, Bangalore.	17.10.2020

- **Guest of Importance**

- Dr.N.Tajunisha acted as a BOS member at CMS college of Science on 29.12.2020.
- Dr.C.Yamini acted as a BOS at Sri Ramakrishna College of Arts and Science during 29.05.2020.
- Dr.C.Yamini acted as external expert for Doctoral Committee meeting at Shri Nehru Maha Vidyalaya College of Arts & Sciences on 16.9.2020.
- Dr.S.Preetha acted as external expert for Doctoral Committee meeting at Hindusthan College of Arts & Science on 3.12.2020.
- Dr.T.Deepa acted as external expert for Doctoral Committee meeting at Hindusthan College of Arts & Science on 3.12.2020.
- Dr.C.Yamini acted as external expert for Doctoral Committee meeting at Dr.N.G.P Arts and Science College on 17.12.2020.

- **Books Authored by Faculty**

- **Amazon Book Publication**

- Dr.Kalpana.G, Mrs.Rathika.C, Test Your MS Excel Skills, 979-8582795780, Kindle E-Book, December 2020.

- **Hard Copy Book Publication**

- Dr.G.Satyavathy ,M.P.Swapna , Innovations in Education, Neelkamal Publication, ISBN 978-93-89740-80-6, December 2020.

- **Total No of Publications & Presentations – Faculty**

- Faculty members have presented 2 papers in International Conference, 16 papers were published in International Journal in which 10 in UGC, 6 in Scopus Journals.

- **Total No of Conferences, Workshops, Webinars, FDP**

- Faculty members have attended 7 workshops, 3 webinars and 16 FDP (6 Days FDP-5, More than 7 days FDP- 11).

- **Industry Immersion**

Dr.S.Vijayalakshmi, Dr.S.Srividhya attended a training program on Virtual Educator Readiness RPA Design & Development v1.0 – Educator Readiness program, Uipath Academic Alliance from 18.11.2020 to 27.11.2020.

Dr.D.Anitha, Dr.S.Preetha, Dr.G.Satyavathy, Dr.R.Khanchana, Dr.D.Sowimiyadevi attended a workshop on Automation Anywhere RPA skills, held on 7.12.2020 to 9.12.2020.

Certificate Course

- Dr.G.Kalpana, Data Mining Coursera (31 hrs), 24.12.2020, TubeStudy.
- Mrs.C.Rathika, ZOK-Data Mining Coursera (31 hrs), 23.12.2020, TubeStudy.
- Dr.R.Khanchana, Dr.S.Srividhya, Cracking, Coding Interview Data Structures and Algorithm 2020, Udemy.
- Dr.D.Anitha, Dr.S.Preetha has completed NPTEL certificate course on Cloud Computing with Elite certificate.

Research and Grants Received

S. No	Principal Investigator	Department	Title of the Proposal	Amount	Status
1	Dr.S.Vijayalakshmi	Computer Science	Learning Management Tools (LMT) for Learning Disability Student (LD)	Rs.10,00,000	Approved
2	Dr.V.G.Rani, Dr.S.Srividhya	Computer Science	Impact and Effectiveness of the Digital Teaching and E-Learning process in higher education among faculty and students: An Empirical Study	Rs.6,00,000	Approved
3	Dr.G.Satyavathy, Dr.T.Deepa	Computer Science	Analyzing the Impact of Media Usage on the different kinds of Abuse over Girl Children in India	Rs.3,00,000	Approved
4	Dr.V.G.Rani	Computer Science	Way Out For Human – Animal Conflict For The Protection Of Agriculture Crops	Rs.10,000	Submitted
5	Dr.G.Kalpana	Computer Science	Covid-19 Preventive App For Persons With Disabilities	Rs.8,200	Submitted
6	Mrs.C.Rathika	Computer Science	Health Care Consultation App For Covid-19	Rs.8,500	Submitted

Student Achievements

- 2 students have participated in extra-curricular activity in inter-collegiate events and students have won prizes.
- IIC Conducted Idea Pitching Competition many teams participated in the department in that for best solution I B.Sc CS students S.Arthi, Nisha.J, Kowshika.P, Sharmila.D, Kripa Bhaagya.K.L the mentor Dr.D.Anitha won third place, R.Pooja, Roshini.S.S, Sreesaratha, Sruthi for best presentation the mentor Ms.S.Tharani won third place.
- Roshini.S of II B.Sc Computer Science has won first place of cash prize in the event solo singing at Caladrius 2020, A National Level Virtual Cultural Fest organized by Fine Arts Club, Kalasalingam Academy of Research and Education on 7.8.2020.

- **Union Inauguration**

Sri Ramakrishna College of Arts Science for Women conducted its 30th Union Inauguration on October 28th, 2020 through the virtual mode. Principal, Dr.K.Chitra welcomed the gathering and introduced the chief guest Dr.Shyamala Ramesh Babu to the virtual viewers. She stated about the contribution of women in the society. She also insisted that the good leader should not only possess the knowledge but also adorn with right attitude skills and leadership qualities. Thiru.R.Sundar, Joint Managing Trustee of SNR Sons Charitable Trust delivered the presidential address. In his address, he set Malala Yousafzai as the youngest motivator to all and Benjamin Franklin as the courageous man to get into action and make others to follow him. He inspired everyone by the words that forget the differences and to be united with one heart.

The Chief guest Dr.Shyamala Ramesh Babu , Motivational Speaker, Founder - Chisel Evolve, appreciated the idea of spark of playing women achievers curtain raiser video. She emphasized about the leader qualities of being responsible, good listener, bold to voice thoughts and more on. She also insisted to inculcate the quality of holding the opinion till the last person speaks and finally concluded that “Be the first person to accept the challenges and be the last person to give up” The College Union and Department Office Bearers were elected and instigated through online mode and the oath was taken by the office bearers. At the end, the newly elected office bearers delivered their first speech. The entire programme was live streamed in YouTube.