



KONGU ARTS AND SCIENCE COLLEGE

(Autonomous)

Affiliated to Bharathiar University, Coimbatore
 Approved by UGC & AICTE, New Delhi & Re-accredited by NAAC
 (An ISO 9001:2015 Certified Institution)
 NANJANAPURAM, ERODE – 638 107.



DBT SPONSORED STAR DEPARTMENT DEPARTMENT OF COMPUTER SCIENCE (UG)

June, 2023

Issue 10

CYBER TRACES



INSIDE THIS ISSUE

| | |
|---------------------------------------|----|
| CCA ACTIVITIES | 2 |
| BEST PRACTICES | 3 |
| INDUSTRIAL VISIT & ALUMNI INTERACTION | 6 |
| TECHNICAL & PDP SESSIONS | 7 |
| STUDENTS ACHIEVEMENTS | 8 |
| FACULTY ACHIEVEMENTS | 9 |
| GLIMPSES | 10 |
| NEWSPAPER CLIPPINGS | 11 |
| PLACEMENT GALLERY | 12 |

VISION

To enable the learners to achieve their educational and career goals and sharpen their decision making skills and to sustain their ethical values

MISSION

- To provide IT based training to the students to empower and guide them to attain their career goals
- To make the learners as potential demonstrators of intellectual developments

ABOUT US

The Department of Computer Science (UG) was established in the year 1994 with a view to fulfill the dynamic needs of IT sector all over the world. The department is well equipped with all the basic and latest resources. The department comprises of well qualified and dedicated faculty team.

EDITORIAL BOARD

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Cyber Crews

... A Students' Association

Activities

IT-UNLIMITED MAGAZINE

- A Bi-monthly Bonanza

CYBER PRODIGIES FORUM

- An Assembly of Intellectuals

THINK FEST - Intra Department Meet

- A Real Cockpit for fighting Cyber Roosters

IT - NEWS WORLD

- A News Bulletin for the students by the students

NEWS CORNER

- A News Bulletin for the students by the faculty

DIAGNOSTIC TEST, BRIDGE COURSE & ORIENTATION PROGRAMME

- Bridging activities to orient the freshers

ONLINE APTITUDE TEST

- A Brain Digging Process

COMPUTER INFO GALLERY

- Assignments as IT Encyclopedia

CYBER TRACES

- Spot Lighted Impressions under one Roof Top

TRAINING BY THE TRAINED

- Training by the student trainers

TRAINING BY THE ALUMNI

- Imparting employability skills by our corporate alumni

TEACH WHILE YOU LEARN

- Disseminating Knowledge by Student-Teachers



Best Practices

- Enable the learners to cope up with the contemporary drift in IT

Orientation Programme

Cyber Crews Students’ Association - Inaugural Function and Orientation Programme on “Emerging Career Opportunities and Challenges in IT” for B.Sc (CS) and B.Sc (CS with Data Analytics) students was conducted on 16.08.2022 (FN). Mr.R.Prabaath Kumar, HR Manager, Techno Magics, Bangalore was the Resource Person.



Cyber Crews Students’ Association - Orientation Programme on “Opportunities in Web Development” for B.Sc (CS) and B.Sc (CS with Data Analytics) students was conducted on 16.08.2022 (AN). Mr.C.M.Guhanraja, Lead Software Engineer, Techno Magics, Bangalore was the Resource Person



Orientation Programme on “Leading Your Way to Achievement” for DBT Star Department Students was conducted on 20.10.2022. Ms.MeeraNatarajan, Educator, Mentor and NLP Trainer, Founder - Success Programming, Pune was the Resource Person.



Best Practices

- Enable the learners to cope up with the contemporary drift in IT

Cyber Traces

The Annual Newsletter encompasses the glimpses of Cyber Crews Activities, Students Centric Programmes, Technical & PDP Sessions, Value Added Courses, Consultancy Service and Achievements of the Students and Faculty, has been published since 2014.



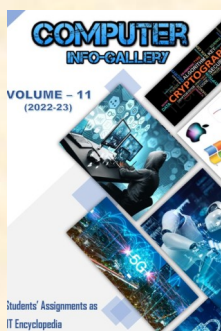
IT Unlimited Magazine

This is a Bi-Monthly magazine published by our Student editors. This is the oldest golden activity of our department and is being carried out for the **past 17 successful years**. The 90th, 91th, 92th, 93th and 94th issues were published during 2022 - 2023. The same were posted in the College Website.



Computer Info Gallery

The best assignments prepared by the students are identified, collected and compiled into a form of a book called as **Computer Information Gallery**. The **Tenth** volume of this book was published and kept in our department library for reference.



Best Practices

- Enable the learners to cope up with the contemporary drift in IT

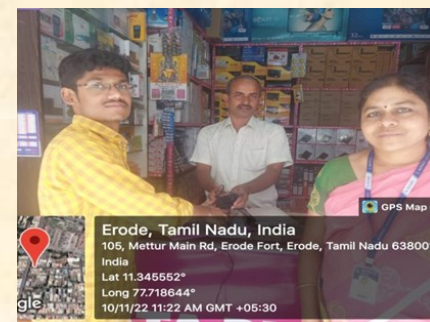
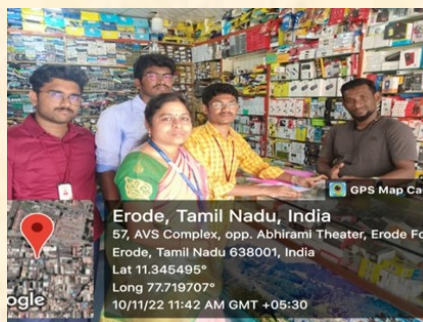
Think Fest Competitions

The Department Of Computer Science (UG) Conducted ‘Think Fest’ – Intradepartment Competitions On “Quiz, Poster Presentation and Paper Presentation” for the students on 27.10.2022, 02.03.2023 and 08.03.2023 respectively. .



Extension Activity

An Extension Activity on “E-Waste Management” was organized on 10.11.2022 & 26.11.2022 by the Department of Computer Science and Department of Physics, 40 kgs of electronic waste were collected from the students of various departments of our college and handed over to Olirum Foundation Erode .



One Day Outreach Programme on “Knowledge Transformation and Skill Enhancement” was organized on 09.01.2023 by the DBT Star Departments jointly with National Service Scheme and AID India Kongu Chapter for the Students of Government High School, Germalam, Sathyamangalam.

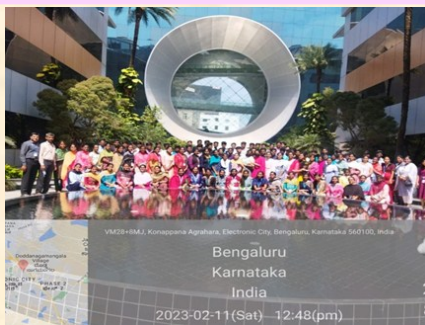


Industrial Visits

Industrial Visit for final year B.Sc (CS) students was organized from 30.09.2022 to 01.10.2022 at Chips Software Systems Pvt.Ltd, Cochin.



Industrial Visit for First and Second year B.Sc (CS) students was organized on 11.02.2023 at Infosys BPM Ltd, Bangalore.



Alumni Interaction Programme

Alumni Interaction Programme on “Self Management - Cross Culture - Communication and Corporate Culture” for Final Year B.Sc (Computer Science) students was conducted on 07.01.2023, Mr.S.Suganesh, Business Analyst, Robosoft Technology, Udupi, Karnataka was the Resource Person.



Awareness Rally

An Anti-Tobacco Awareness Rally was conducted by Department of Computer Science (UG) in association with NCC Cadets on 12.08.2022 (FN). Dr.N.Raman, Principal and Mr.P.Ramesh, Head of the Department were initiated the rally. The rally started from Kongu Arts and Science College and finished at Mettukadai.

Technical and PDP Sessions

The Department has organized the following technical and PDP sessions:

- An Academic Industry Interface Programme, Guest Lecture on “Career Guidance for Web Designing” for Final Year B.Sc (CS) students was conducted on 12.08.2022 (AN), Mr.S.Boobalan, Animation Head & Manager, Dream Zone School of Creative Studies, India, Chennai was the Resource Person.
- An Academic Industry Interface Programme, Guest Lecture on “Guidance on Project Development” for Final Year B.Sc (CS) students was conducted on 30.12.2022 with Mr.S.Banu Chandar, Founder of Adrinom Infotech, Erode was the Resource Person.
- An Academic Industry Interface Programme, Guest Lecture on Life Cycle Models in Project Development for Final Year B.Sc (CS) students was conducted on 03.01.2023 with Ms.P.Nathiya and Mr.V.Naresh, Trainers, Browzone InfoTech, Erode as the Resource Persons.
- An Academic Industry Interface Programme, Guest Lecture on Digital Marketing for Final Year B.Sc (CS) students was conducted on 27.01.2023 with Ms.P.Revathi, Digital Marketing Executive, IPCS Global Solutions Pvt Ltd, Erode as the Resource Person.
- An Academic Industry Interface Programme, Guest Lecture on Computer Networking for Pre Final Year B.Sc(CS) students was conducted on 23.02.2023 with Mr.S.Boopathi, Network Engineer, Extol Tech Solutions, Erode was the Resource Person.
- Academic Industry Interface Programme - Hands on Training cum Workshop on “Computer Hardware and Networking” for First Year B.Sc (CS) and B.Sc (CS with Data Analytics) students was conducted from 17.10.2022 to 19.10.2022. Mr.T.Manikandan, Proprietor, Sridharan Infotech, Erode was the Resource Person .
- Hands on Training cum Workshop on ”Python Programming” for First Year B.Sc (CS) and B.Sc (Computer Science with Data Analytics) students was conducted from 26.12.2022 to 28.12.2022. Ms.R.Thamayanthri & Mr.R.Puhazhenthii, Technical Engineers & Trainers, Livewire, Erode were the Resource Persons.
- Two Days Hands on Training cum workshop on “IoT and its Applications” for Final Year B.Sc (CS) students was conducted from 10.01.2023 to 11.01.2023. Mr.K.Jeeva and Mr.A.Vadivelmurugan, Software Engineers, RubRich Research, Coimbatore were the Resource Persons.

Students Achievements

- The real feedback for the department activities

• Placements

53 students out of 100 eligible students (53%) have been placed at various reputed companies including Wipro, Mind tree, Hicitizen Life Skill, Prodapt, ILM, KGISL, City Union Bank and HRH Next

• Intercollegiate Competitions

The students of the Computer Science department have participated in Intercollegiate Meet Competitions held at AVP College of Arts And Science, Kongu Engineering College, MPNMJ Engineering College, SRMV CAS, Sri Ramakrishna Mission Vidhyalaya College of Arts and Science, Vellalar College for Women, Nandha Arts and Science College, Gobi Arts and Science College, M.Kumarasamy College of Engineering and Sree Venkateshwara Arts and Science College have won First, Second and Third Prizes in various events.

• Overall Championship (Inter-Collegiate Meets)

The students of Computer Science Department have won **Three overall championship** Trophies at the inter-collegiate meets held at the following colleges.

- * Vellalar College for Women, Erode on 27.03.2023
- * Nandha Arts and Science College, Erode on 29.03.2023
- * Gobi Arts and Science College, Gobi on 31.03.2023

• Awards

Final year student Mr.K.Ramanamoorthy has got star student award under DBT star college scheme of our department for his outstanding participation in various activities.

• National Level Achievement

National Level Smart India Hackathon 2022 Finals was held at Jai Bharath College of Management and Engineering Technology Kerala from 25.08.2022 to 27.08.2022. Final Year B.Sc (CS) Students of Sastivel Preetham B R, Ahil M, Dharani U, Kiretheka P, Kishore G and Vijay Samuel J were participated in the event..

• Accolades

S. Siva Prakasam, III B.Sc Computer Science, M.R. Nisanth and D. Naveen of III B.Sc Physics invented **Mechanical Score Board** which can be customized, portable & operatable with minimum Power supply.



Faculty Achievements

• Conference / Seminars Attended

- * 03 Faculty members have attended International and National Level Webinars in the year 2022-2023.
- * 05 Faculty members have presented the paper in International Conference in the year 2022-2023.

• Workshops / FDP Attended

10 Faculty members have attended Faculty Development Programmes organized by our college and various reputed institutions

• Research Paper Publications

02 Faculty Members have published Research Papers in UGC Care and various peer reviewed international journals with high impact factors and Scopus indexed.

Staff Exchange Programme

In order to inculcate best practices of other Higher Learning Institutions, our College has signed MoU with Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore. As a part the MoU activities, a Staff Exchange Programme was organized from 12.10.2022 to 14.10.2022 with Dr.N.Baskar, Assistant Professor, Sri Ramakrishna Mission Vidyalaya College of Arts and Science (Autonomous), Coimbatore as the Resource Person for handling sessions in Visual Basic and VB.net for the Final year students, while, from our side, Mr. A.R.Karthekeyan, Assistant Professor in Computer Science handled sessions in Java Programming for the Second Year B.Sc (CS) Students of Sri Ramakrishna Mission Vidyalaya College of Arts and Science on the same days.



Value Added Courses

- Enable the learners to cope up with the contemporary drift in IT

- ⇒ Certificate Course in App Development in Android
- ⇒ Certificate Course in 3D Animation and Design
- ⇒ Certificate Course in Cloud Computing and Internet of Things
- ⇒ **289 beneficiaries from various disciplines**

Glimpses - 2022 - 2023



Awareness Rally on "Anti-Tobacco"



Guest Lecture on "Career Guidance for Web Designing"



Guest Lecture on "Life Cycle Models in Project Development"



Orientation Programme on "Leading Your Way to Achievement"



Hands on Training cum Workshop on "Computer Hardware and Networking"



Hands on Training cum Workshop on "Python Programming"



Hands on Training cum workshop on "IoT and its Applications"



Guest Lecture on "Digital Marketing"

Infrastructure and Facilities

- High-End Pentium machines connected through the network
- Windows NT, Novell NetWare, Linux and SCO Unix Open Server software
- Three Computer Centers with state of the art technology and latest software packages
- Internet Access through 100 Mbps Radio Frequency
- Department Library with rich collection of books
- Well furnished class rooms and laboratories
- ICT tools



Highlights

- Received Overall Best Outgoing Student of the College Award in 2008, 2014 and in 2015
- Received Overall Best NSS Outgoing Student of the College Award in 2014, 2015 and in 2016
- Received grant from Department of Biotechnology, Government of India under DBT Star College Scheme in 2019

Placement - Gallery

| Company | No. of Students | Company | No. of Students | Company | No. of Students | Company | No. of Students |
|----------|-----------------|----------------------------|-----------------|---------------|-----------------|-----------------------|-----------------|
| Wipro | 02 | Pentagon Space | 02 | Intellect | 01 | Hicitizen Life Skills | 05 |
| HRH Next | 20 | Mobitech Wireless Solution | 01 | ILM | 02 | City Union Bank | 02 |
| Mindtree | 03 | Sureti Insurance Pvt Ltd | 04 | ICICI Lombard | 01 | English Edge | 02 |
| Prodapt | 02 | Joy Technologies | 04 | KGIS | 02 | Total | 53 |

“Software comes from heaven when you have good hardware”

- Ken Olsen