DBT SPONSORED STAR DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE (UG)

June, 2020

CYBER TRACES

Issue 7

INSIDE THIS ISSUE

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

KONGU
Assuring the Best

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
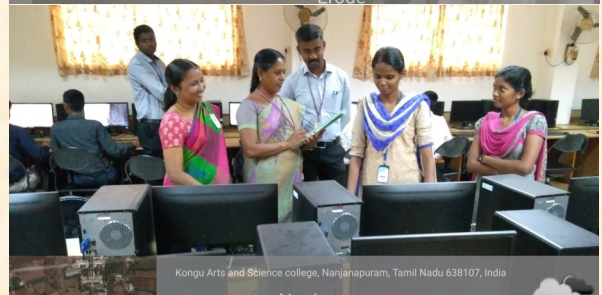
CYBER TRACES
- Spot Lighted Impressions under one Roof Top

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

Orienting the Freshers

Diagnostic Test

On 25.06.2019 a **Diagnostic Test** for the freshers was conducted to assess the fresher's performance in the fields of Basic Mathematics, Fundamentals of IT, General Aptitude Skills.

Orientation Programme

A Session on "Impact of students' media consumption and measuring their addiction" by Dr.D.Aarthi, Assistant Professor (Sr Gr), Department of Management Studies, Velalar College of Engineering and Technology, Erode on 04.07.2019.

A Session on "Building National Values" by Mr. R.Krishna Chaithanya Dass, In-charge, Namathvar Prayer Center, Periyakulam on 05.07.2019.

Sessions on "Gender Equity", "Moral and Ethical Values", "Career Opportunities for Computer Science", "Collegiate Education", "Student Centric Activities", "Classroom Etiquettes", "Tuning towards IT Industry", "Communicative Skills" and "Foundations of Mathematics" were handled by our faculty members on 29.06.2019, 01.07.2019, 04.07.2019 and on 05.07.2019 to bridge the knowledge gap so as to cope with the course in which they are enrolled.

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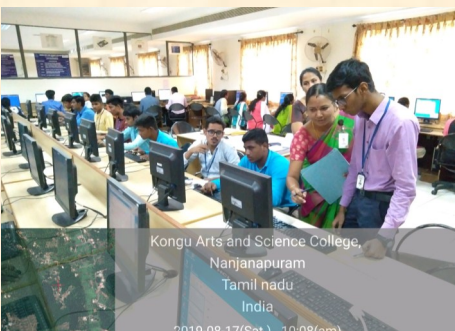*- Enable the learners to cope up with the contemporary drift in IT*

Cyber Prodigies Forum

03 Training Sessions were conducted on "Efficient Programming and Debugging", "Multimedia Presentations and Web Designing" and "Paper Presentation and Marketing" on 19.07.2019, 16.08.2019 and on 16.09.2019 respectively. Further, 03 Review Sessions were conducted on 20.12.2019, 23.01.2019 and on 22.02.2019.

Think Fest Competitions

Software Contest, Debugging Contest, Quiz Contest, Word Hunt, Multimedia Presentation and Web Designing were conducted on 17.08.2019, 06.09.2019 and on 20.09.2019 respectively.

Training by the Trained

Through this activity, the eligible students for placement are trained by the placed students of the final year. This activity was carried out on 05.02.2020 and 06.02.2020 .

KONGU
Assuring the Best

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

Online Aptitude Test

This activity is to improve and to test the numerical, technical and analytical skills of the final year students. Noticeably, this best practice plays a crucial role in placing the students in various Multinational Companies. The activity was carried out on 18.06.2019,19.06.2019, 25.06.2019,01.08.2019, 20.08.2019 and on 21.08.2019

Cyber Traces

The Annual Newsletter encompasses the glimpses of Cyber Crews Activities, Students Centric Programmes, Technical and PDP Sessions, Value Added Courses, Consultancy Service and the 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 15 successful years**. The 75th, 76th, 77th, 78th and 79th issues were published during 2019 - 2020. 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 **Eighth** volume of this book was published and kept in our department library for reference.

Technical and PDP Sessions

The Department has organized the following technical and PDP sessions:

- Guest Lecture on "Software Development Life Cycle" for Final Year Students on 03.07.2019 by Mr.A.Sikkandhar, Managing Director, Crescent InfoTech Pvt Ltd, Erode

- A Special Activity on "Vedic Mathematics" for First Year Students on 15.07.2019 by Dr.P.Balasubramanie, Professor and Head, Department of CT and IT (PG), Kongu Engineering College, Perundurai

- Personality Development Programme on "Busy Being Born" for First Year Students on 30.07.2019 by Mr.K.Parivallal, Director of DMW, CNC Solutions India Pvt. Limited, Perundurai

- Guest Lecture on "Career Guidance" for Pre-Final Year and Final Year Students on 31.07.2019 by Dr.K.Mangayarkarsi, Head – Placement Training, RVS College of Arts and Science, Coimbatore

- Three-day Workshop on "OS and Linux Administration" for First Year Students from 04.12.2019 to 06.12.2019 by Mr.K.R.Prasana Kumar, Mr.H.Muthu Krishnan, Mr.A.Jeevanantham, Assistant Professors in Information Technology, Kongu Engineering College, Perundurai

- Guest Lecture on "Python Programming" for First Year Students on 09.12.2019 by Ms.S.Divya, Technical Trainer, Livewire, Erode

- Personality Development Programme on "Confidence Building" for Computer Science (UG) students on 03.01.2020 by Mr.R.Dhanapal @ Kovai Dhanapal, Debater, Coimbatore

- Guest Lecture on "Ethical Hacking" for Computer Science (UG) Students on 03.01.2020 by Mr.Chandra Prakash Sankar, Cyber Security Consultant and Trainer, Cyber Security and Research Company, Tirupur

- Three-day Workshop on "Ethical Hacking" for Second Year Students from 27.01.2020 to 29.01.2020 by Mr.Chandra Prakash Sankar, Cyber Security Consultant and Trainer, Cyber Security and Research Company, Tirupur

- Three-day Workshop on "Computer Hardware and Networking" for Second Year Students from 17.02.2020 to 19.02.2020 by Mr.T.Manikandan, Proprietor, Q-Technology, Gobi

FDP and FIP

- Faculty Development Programme cum Workshop on "MATLAB" for DBT Department Faculty Members on 08.06.2019 by Mr.D.Rajkumar, Application Engineer, Design Tech Systems (Mathworks - MATLAB), Chennai

- Faculty Improvement Programme on "PC Software and Hardware Troubleshooting" for all KASC Non-Teaching Members on 12.06.2019 by Ms.P.Thenmozhi, Ms.R.Saveetha, Mr.D.Gopinath, Assistant Professors in CS, Erode

Consultancy Service

Generated revenue by conducting Second Level Online Examinations for Eduheal Olympiad Foundation for the School Students of Erode District in November 2019.

Extension Activity and Outreach Programme

The Department organized an Extension Activity and Outreach Programme cum Hands-on Training on "Computer Hardware and Troubleshooting" for government school teachers on 31.08.2019 by Mr.S.Nagendran, S.N. Computers, Chennai

Value Added Courses

⇒ Certificate Course in Website Designing and Multimedia
⇒ Certificate Course in Animation and Web Technology
⇒ Certificate Course in Cloud Computing and Big Data Processing
⇒ **389 beneficiaries from various disciplines**

Students Achievements

- The real feedback for the department activities

- Won the Kongu Cultural Trophy - **Runner Up** - 2020

- Won the **II Prize** in Pongal Vizha Celebrations

- Ms.BA. Indhumathi of the department received the **Best Outgoing Student Award of our department** for the year 2019 - 2020

- **01 Student** completed an 8 Weeks SWAYAM online Course on **"Developing Soft skills and Personality"** in Aug-Oct 2019

- The students of Computer Science Department have participated in various Intercollegiate Meet Competitions held at various colleges and won **46 prizes**

- **05 Students** attended Workshop on "Mobile Application Development" organized by Dr. Mahalingam College of Engineering and Technology, Pollachi on 22.08.2019

- **02 Students** attended a Two-Day Workshop on "Ethical Hacking" organized by IIT Madras from 12.10.2019 to 13.10.2019

- **10 Students** attended a Two-Day Workshop on "Cyber Security" organized by Kaamadhenu Arts and Science College on 04.02.2020

- 11 Students presented Papers in various Intercollegiate Meets

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

  1. Bharathidasan College of Arts and Science, Erode – 30.08.2019

  2. Navarasam Arts and Science College for Women, Erode – 18.09.2019

  3. Gobi Arts & Science College, Gobichettipalayam – 21.09.2019

  4. Sasurie College of arts and science, Vijayamangalam - 26.09.2019

  5. Bharathidasan College of Arts and Science, Erode – 24.01.2020

  6. AVP College of Arts and Science, Thirupur – 29.01.2020

  7. Nandha Arts and Science College, Erode – 04.02.2020

  8. N.G.P Arts and Science College, Coimbatore – 07.02.2020

Faculty Achievements

- **Best Teacher Award (2019 - 2020)**

  * Dr.V.Krishnaveni   -   Associate Professor

- **Academic Enrichment**

  * 06 Faculty members have attended International Conferences and presented Research Papers

  * 10 Faculty members have attended and published papers in National Conferences

  * 12 Faculty members have attended State Level Seminars

  * 01 Faculty member has attended a National Level Seminar

- **Academic Enhancements**

  * Dr.R.Pushpalatha has completed her Ph.D on 25.06.2019

  * Dr.K.Prabha completed Two SWAYAM NPTEL online Courses on "Disability studies : An Introduction" and " Short Fiction in Indian Literature"

- **Research Paper Publications**

  * 04 Faculty Members have published 05 Research Papers in various peer reviewed international journals with high impact factors

- **Resource Persons**

  * Mr.P.Ramesh served as a Chair Person for the International Conference on " Recent Innovations in Engineering, Technology and Management" conducted by Department of Electronics and Communication Engineering, Nandha Engineering College on 22.03.2019

  * Mr.P.Ramesh served as an Academic Expert for the formulation process of the M.Sc Degree Programmes in Data Science and Data Analytics held in the Faculty Centre for Computer Science Applications and Research, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore on 13.04.2019

  * Mr.S.Jaganathan served as a Resource Person for a Guest Lecture on "Multimedia and it's applications" conducted by the Department of Computer Science , Navarasam Arts and Science College for Women, Arachalur on 09.09.2019

  * Mr.D.Gopinath served as a Resource Person for a Guest Lecture on "Computer Networks" organized by the Department of Computer Applications , Bharathiar University Post Graduate Extension and Research Centre, Erode on 18.09.2019 and on 25.09.2019

  * Mr.A.R.Karthekeyan served as a faculty and handled classes for the Second Year students, the Department of Computer Science, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore from 05.02.2020 to 07.02.2020 under Staff Exchange Programme

  * Mr.S.Sivaraja has served as a Member of Jury for an Inter-collegiate Meet (Budhimaan-2020) organized by Builders Engineering College, Kangeyam on 07.02.2020

Glimpses - 2019 - 2020

Orientation Programme on
"Foundations of Mathematics"

Orientation Programme on
"Communicative English"

Personality Development Programme on
"Busy Being Born"

Special Activity on
"Vedic Mathematics"

Guest Lecture on
"Career Guidance"

Guest Lecture on
"Software Development Life Cycle"

DBT Induction Programme for
DBT Department Students

Training by the Alumni for
Final Year Students

An Industrial Visit to
Chips Software Systems Pvt Ltd, Kochi

Faculty Development Programme Cum
Workshop on "MATLAB"

Faculty Improvement Programme on
"PC Software and Hardware Troubleshooting"
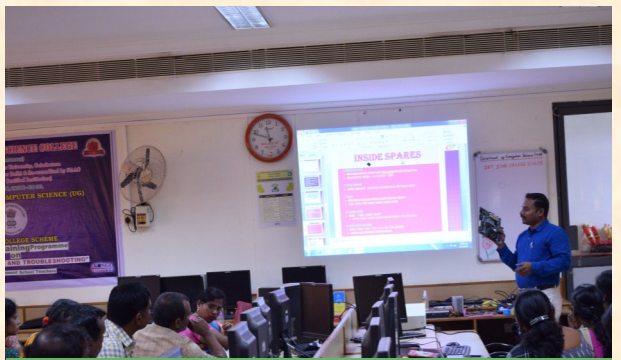
Workshop on "Computer Software and
Hardware Troubleshooting"

Hands-on Workshop on
"OS & Linux Administration"

Guest Lecture on
"Python Programming"

Personality Development Programme on
"Confidence Building"

Hands-on Workshop on
"Ethical Hacking"

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 20 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
Infosys IT	18	AEE BEE Academy	04	Nice Education	14	Hicitizen Life Skills	18
Wipro	04	Techvolt Solutions	02	Infact E	2	Career Pages	10
TCS	2	ILM	02	Sureti Marketing	13	ICICI TVS TS	06
CTS	18	Michael Academy	12	Bright Star	22	Total	151

"**Software comes from heaven when you have good hardware**"

- Ken Olsen

KONGU

Assuring the Best