



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.

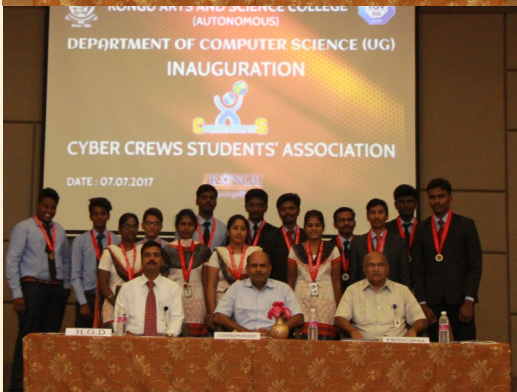


DEPARTMENT OF COMPUTER SCIENCE(UG)

June, 2018

CYBER TRACES

Issue 5



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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

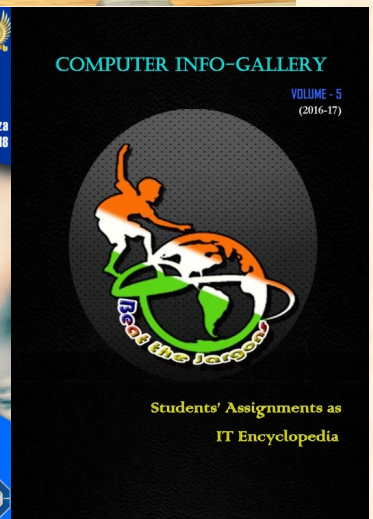
- Training by the student trainers

TRAINING BY THE ALUMNI

- Imparting employability skills by our corporate alumni

TEACH WHILE YOU LEARN

- Disseminating Knowledge by Student-Teachers



Orienting the Freshers

Diagnostic Test

On 28.06.2017 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 “Gender Equity” by Dr.N.Kalaivani, Associate Professor and Head, Department of Tamil, KASC on 10.07.2017.

A Session on “Interpersonal Skills” by Dr.A.G.V.Narayanan, Dean, Faculty of Management, EBET Group of Institutions, Kangeyam on 10.07.2017.



Sessions on “Secret of Success”, “Building Academic Performance”, “Role of Freshers at Class Rooms and Campus Levels”, “Communication Skills” and “Foundations of Mathematics” were handled by our faculty members on 04.07.2017, 05.07.2017 and on 07.07.2017 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 14.07.2017, 04.08.2017 and on 21.09.2017 respectively. Further, 03 Review Sessions were conducted on 15.12.2017, 19.01.2018 and on 23.02.2018.

Think Fest Competitions

Software Contest, Debugging Contest, Quiz Contest, Word Hunt, Multimedia Presentation and Web Designing were conducted on 19.07.2017, 04.08.2017 and on 23.08.2017 respectively.



Training by the Alumni

A Placement Training Program on “Tuning towards Industry” for the final year students was given with our Alumni Mr.S.Santhosh Kumar, Senior Testing Executive, Infosys Limited, Mysore and Ms.Femina Fransis, HR Coordinator & Operations, App Dynamics, Bengaluru as resource persons on 27.12.2017.



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 16.02.2018.



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 12.07.2017, 13.07.2017, 25.07.2017, 11.08.2017, 04.09.2017 and on 05.09.2017.

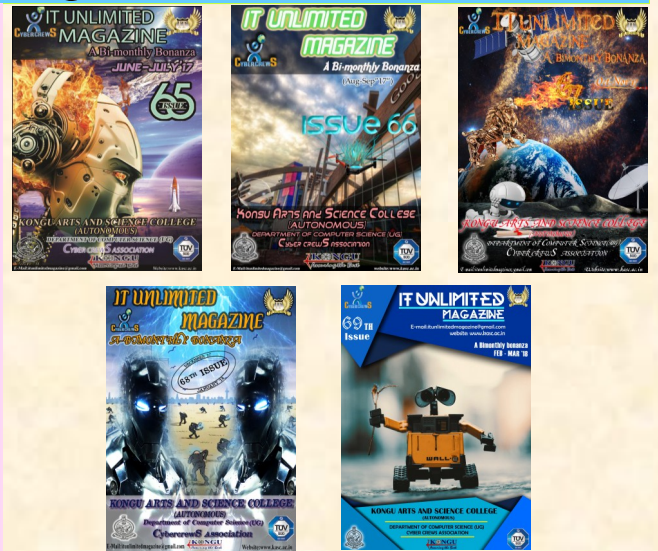
Teach While you Learn

Lectures on “Student Lecturing on Ethical Hacking, Benefits of MOOCs and Website Development” by S.Ashiq Mohamed, P.Suresh Kumar and M..Dhanashekaran were given as a student centered programme “**Teach while you Learn**” on 16.02.2018.

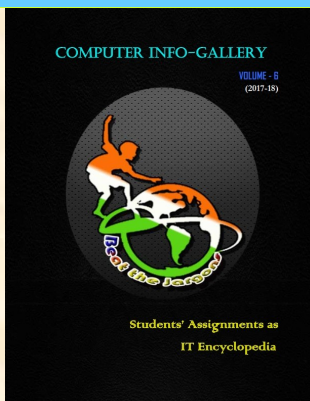


IT Unlimited Magazine

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 65th, 66th, 67th, 68th and 69th issues were published during 2017 - 2018. 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 **Sixth** volume of this book was published and kept in our department library for reference.

Technical and PDP Sessions

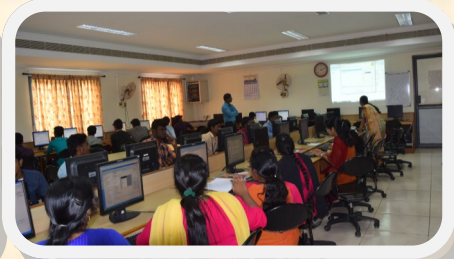
The Department has organized the following technical and PDP sessions:

- Lecture on “Collegiate Education and its Goal” and “Benefits of Autonomy” for First year students on 27.06.2017 by Mr.P.Ramesh, Head and Assistant Professor in Department of Computer Science
- Guest Lecture on “Multimedia and its Applications” for Pre-Final Year Students on 20.07.2017 by Mr.S.Sathish Kumar, Centre Manager, Dream Zone, Erode
- Guest Lecture on “Computer Hardware and Networking” for First Year Students on 20.07.2017 by Mr.R.Deepak Cheliyan, Director, Unique Systems, Erode
- Guest Lecture on “Visual Effects (VFX) Software” for Final Year Students on 21.07.2017 by Ms. Yasmin, Faculty of Animation, Arena Animation, Erode
- Guest Lecture on “Effective Leadership” for First and Pre-Final Year Students on 23.08.2017 by Ms.D.Aarthi, Assistant Professor, Department of Management Studies, Velalar College of Engineering and Technology, Erode
- Three-day Workshop on “Computer Hardware and Networking” for First Year Students from 25.09.2017 to 27.09.2017 by Mr.R.Deepak Cheliyan, Mr.I.Harish, Mr.I.Abishek, Mr.M.C.Arjungiridharan, Mr.N.Mohammed Irshat, Trainers, Unique Systems, Erode
- Guest Lecture on “Project Development using Dot Net Technologies” for Final Year Students on 26.12.2017 by Mr.P.Senthil, Proprietor, PPSoft Software Training Centre, Gobichettipalayam
- Guest Lecture on “Confidence Building” for Pre-Final and Final Year Students on 29.12.2017 by Mr.R.Dhanapal (a) Kovai Dhanapal, Debator in Dindigul I.Leoni's Team and Office Manager, Suguna Group of Institutions, Coimbatore
- Two-day Personality Development Programme on “Interview Techniques” for Final Year Students from 19.02.2018 to 21.02.2018 by Mr.M.Shanmugasundaram, Director, Phoenix Training Academy, Erode



Workshop on “Mobile Application Development”

A Two-days Workshop on "Mobile Application Development" for Pre Final and Final year students was conducted on 30.01.2018 and on 31.01.2018. Dr.T.Abirami, Mr.K.R.Prasanna Kumar, Mr.A.P.Ponselvakumar, Assistant Professors in IT, Kongu Engineering College, Perundurai were the Resource Persons.



Consultancy Service

Generated revenue by conducting Second Level Online Examinations for Eduheal Olympiad Foundation for the School Students of Erode District in February 2018.



Extension Activities

The Department organized an Extension Activity on “Principles of Animation” for the Students of Government Higher Secondary School, Kasipalayam, Erode on 21.08.2017.



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
- ⇒ **379 beneficiaries from various disciplines**

Students Achievements

- The real feedback for the department activities

- N.Meenapriya secured the **Second Rank**, S.Lakshmanan and P.Pavithra secured **Fourth Rank** in the Bharathiar University Examinations in the year 2017.
- M.Dharshne received the **Best Outgoing Student Award of our department** for the year 2017 - 2018.
- K. Kalaiyaran received the **Best NSS Volunteer Awards** for the year 2017 - 2018.
- M.Dharshne received the **Women Achiever Award** from Women Development Cell for the year 2017 - 2018.
- M. Dharshne, J.Balaji and S.Angukarthikeyan of III B.Sc Computer Science have received First Prize for their Scientific Project Model “Sound Bite” at the Open House Exhibition on Science and Technology, Kongu Engineering College held on 30.08.2017 and on 01.09.2017.
- S.Ashiq Mohamed, B.Anandha Kumar and S.Swarnamalya of Second B.Sc Computer Science have received **Second Prize** for their Scientific Project Model “ WILSI 2.0” at the Open House Exhibition on Science and Technology , Kongu Engineering College held on 30.08.2017 and on 01.09.2017.
- The students of Computer Science Department have participated in **20** Intercollegiate Meet Competitions held at various colleges and won **90 prizes**.
- **15 Students** have participated in National Level Conference on Research issues in Intelligence, Networks, Data & Image Analysis held at Nandha Arts and Science College on 18.08.2017.
- **04 Students** have participated in the International Seminar on Applications and Challenges in Data Mining held at Bharathidasan College of Arts and Science on 24.08.2017.
- The students of Computer Science Department have won **NINE overall championship Trophies** at the inter-collegiate meets held at the following colleges.
 1. Kovai Kalaimagal College of Arts and Science, Coimbatore on 08.09.2017
 2. Erode arts and Science College, Erode on 09.09.2017
 3. Sree Ramu Collge of Arts and Science, Pollachi on 12.09.2017
 4. Vellalar College for Women, Erode on 15.09.2017
 5. Nandha Arts and Science College, Erode on 02.02.2018
 6. Vellalar College of Technology, Erode on 09.02.2018 (Shared by the Department of CT & IT)
 7. Dr. N.G.P Arts and Science College, Coimbatore on 15.02.2018
 8. M.P.Nachimuthu Jaganathan Engineering College, Chennimalai on 17.02.2018
 9. P.S.G College of Arts and Science, Coimbatore on 23.02.2018
- S.Ashiq Mohamed(1 Course) and K.Jaba Rose(1 Course) of II B.Sc Computer Science and B.R.Chaithra(1 Course) and P.Suresh Kumar(2 Courses) have completed 5 NPTEL Online Courses.

The Achievers



N.Meenapriya
University Rank - II



S.Lakshmanan
University Rank - IV



P.Pavithra
University Rank - IV

Overall Trophies Won



Completed NPTEL Courses



P.Suresh Kumar



B.R.Chaithra



S.Ashiq Mohamed



K.Jaba Rose

Faculty Achievements

- Best Teacher Award (2017- 2018)**

- * Mr.P.Ramesh - Assistant Professor & Head
- * Dr.V.Krishnaveni - Associate Professor
- * Ms.R.Pushpalatha - Assistant Professor
- * Mr.R.Sundar Raj - Assistant Professor

- Academic Enrichment**

- * Dr.V.Krishnaveni has completed a NPTEL Course in Python
- * 9 Faculty members have attended Faculty Development Programme organized by our College
- * 15 Faculty members have attended a National Level Workshop on “Cloud Computing” conducted by the Department of CT & IT along with Amazon Web Services

- 100% Result**

- | | |
|--|--|
| Ms.R.Pushpalatha - Assistant Professor | Mr. R.Sundar Raj - Assistant Professor |
| Ms.S.Gowthami - Assistant Professor | Mr. D.Gopinath - Assistant Professor |

- Research**

Name	Title of the Paper	Name of the Journal
Mr.P.Ramesh Dr.V.Krishnaveni Dr.K.G.Santhiya Mr.S.Jaganathan	A Credit Scoring Prediction model based on Harmony Search Based 1-NN Classifier Feature Selection Approach	International Journal of Advanced Research in Science and Engineering. Vol.7 Issue 2 February 2018, pp. 288-296 Impact Factor : 2.83 (UGC Approved Journal - JI. No. 47721)
Ms.M.Geetha	Web Online Review Evaluation in opinion mining using Hierarchical Pachinko Allocation Model	International Journal of Advanced Research in Computer Engineering & Technology. Vol. 6, Issue 12, ISSN : 2278-1323
Ms.R.Pushpalatha	Dice Similarity based ensemble clustering for sparsely distributed high dimensional data	International Journal of Applied Engineering Research Vol. 12, ISSN: 0973-4562 (Scopus and UGC)
Mr.R.Sundar Raj	Security Intelligence in Cloud with Intrusion Detection and Prevention Enhancements	International Journal of Advanced Research in Science and Engineering. Vol.7 Issue 2 February 2018, pp. 274-287 Impact Factor : 2.83 (UGC Approved Journal - JI. No. 47721)
Mr.D.Gopinath	Artificial BEE Colony Algorithm with Flower Pollination (ABCAFP) for Cluster Formation in MANET	International Journal of Advanced Research in Science and Engineering. Vol.7 Issue 2 February 2018, pp. 297-306 Impact Factor : 2.83 (UGC Approved Journal - JI. No. 47721)

- Resource Persons**

- * Mr.P.Ramesh acted as a Judge for the Regional Cultural Festival Competitions – 2017 on 31.10.2017 at *The Kongu Vellalar Mat.Hr.Sec.School , Tirupur .*
- * Mr.S.Jaganathan acted as a Resource Person for a Guest Lecture Programme on “SECRET OF SUCCESS” on 19.09.2017 at *Navarasam Arts and Science College for Women, Arachalur.*
- * Mr.R.Sundar Raj acted as a Resource Person for a Guest Lecture Programme on “POWER OF ETHICS AND MORALS” on 18.01.2018 at *Bharathiar University Arts and Science College, Modakurichi.*

Glimpses - 2017 - 2018



An Industrial Visit to Chip Soft Systems, Cochin



Extension Activity to Government School Students



Guest Lecture on "Visual Effects(VFx) Software"



Guest Lecture on "Effective Leadership"



'Go Green' Awareness Rally



Guest Lecture on "Computer Hardware and Networking" for I year students



Extension Activity to Government School Students



Guest Lecture on "Android Applications"

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
- Conducted UGC Sponsored value added Course - Web Technology with the aid of ₹ 7 Lakhs

Placement - Gallery

Company	No. of Students	Company	No. of Students	Company	No. of Students	Company	No. of Students
Infosys IT	05	AEE BEE Academy	06	Nice Education	04	Hicitizen Life Skills	08
Wipro	01	iNET Resource	01	KANINI	03	ISON / SYLPBOX	07
HGS	02	ILM	12	TVSTS - ICICI	18	Total	109
CTS	01	IDBI	34	SKN Organics	07		



“Software comes from heaven when you have good hardware”

- Ken Olsen