DBT SPONSORED STAR DEPARTMENT
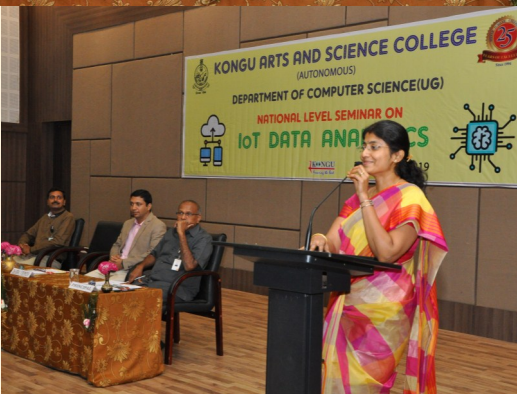### DEPARTMENT OF COMPUTER SCIENCE (UG)

June, 2019

CYBER TRACES

Issue 6

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

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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
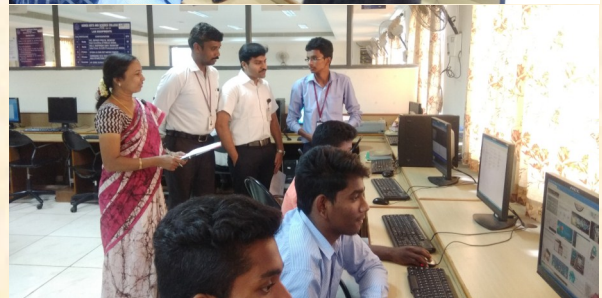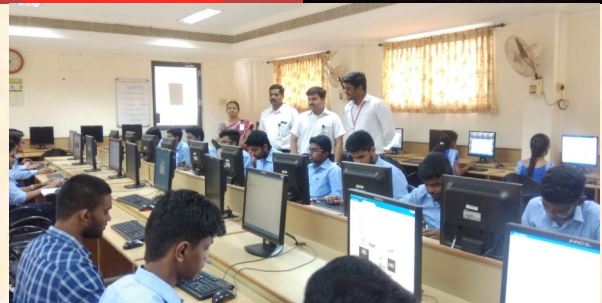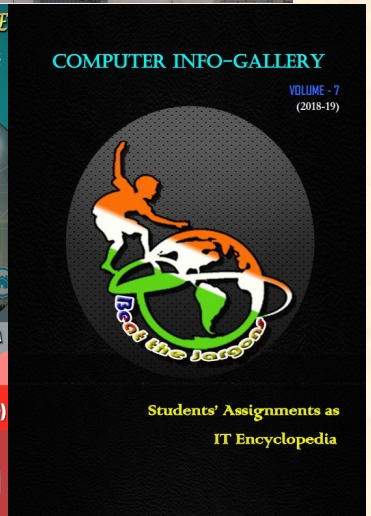- Spot Lighted Impressions under one Roof Top

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

KONGU
Assuring the Best

Orienting the Freshers

Diagnostic Test

On 04.07.2018 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.

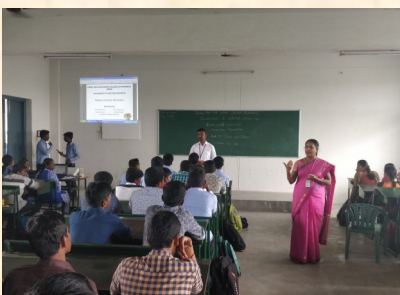## Orientation Programme

A Session on "Etiquettes for a Human" by Ms. T.Mohanapriya & Mr. R.Moorthy, Faculties of Management, Vellalar College of Engineering and Technology, Erode on 11.07.2018.

A Session on "வானம் வசப்படும்" by Mr. S.Chandrasekar @ Kavinilavan, Debator, Coimbatore on 12.07.2018.

Sessions on "Pay Back", "பல்சுவையில் பன்முகம்", "Moral and Ethical Values", "Student Centric Activities", "Building Academic Performance", "Role of Freshers", "Power of Positive Attitude", "Train the Brain", "Tuning towars IT Industry", "Communication Skills" and "Foundations of Mathematics" were handled by our faculty members on 05.07.2018, 06.07.2018, 10.07.2018, 11.07.2018 and on 12.07.2018 to bridge the knowledge gap so as to cope with the course in which they are enrolled.
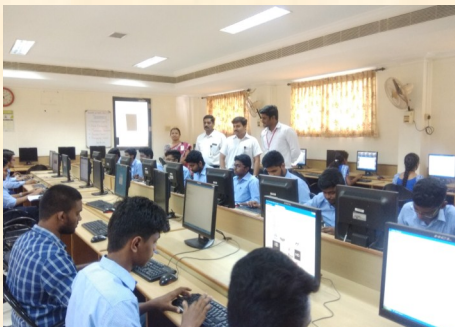

KONGU
Assuring the Best

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 20.07.2018, 21.08.2018 and on 14.09.2018 respectively. Further, 03 Review Sessions were conducted on 17.12.2018, 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 24.08.2018, 25.08.2018, 04.09.2018 and on 15.09.2018 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 22.02.2019 .

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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 09.08.2018, 11.08.2018, 13.08.2018, 20.08.2018 and on 21.08.2018.

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 70th, 71st, 72nd, 73rd and 74th issues were published during 2018 - 2019. 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 **Seventh** volume of this book was published and kept in our department library for reference.
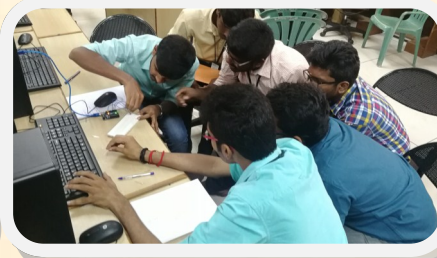
Technical and PDP Sessions

The Department has organized the following technical and PDP sessions:

- Guest Lecture on "Project Development Life Cycle" for Final Year Students on 10.08.2018 by Mr.S.Boobalan, Animation Head,, Dream Zone Technologies, Erode

- Guest Lecture on "Web Development Tools" for Final Year Students on 29.08.2018 by Mr.G.Santhosh, Regional Manager, CSC Computer Software College, Erode

- Guest Lecture on "Confidence building and Gender Sensitization" for First and Pre-Final Year Students on 06.09.2018 by Ms.D.Aarthi, Assistant Professor, Department of Management Studies, Velalar College of Engineering and Technology, Erode

- Guest Lecture on "Promoting National Values" for First and Pre-Final Year Students on 24.09.2018 by Mr. R. Krishna Chaithanya Dass, In-charge, Namathvar Prayer Center, Periyakulam

- Three-day Workshop on "Computer Hardware and Networking" for First Year Students from 25.09.2018 to 27.09.2018 by Mr.T.Manikandan, Proprietor, Q-Technology, Gobi

- Guest Lecture on "Career Opportunities in IT and ITES Industries" for Final Year Students on 28.12.2018 by Mr.P.Senthil, Managing Director, PP Soft Software Training, Gobichettipalayam

Workshop on "Building IoT Applications"

A Two-days Workshop on "Building IoT Applications" for Final year students was conducted on 06.12.2018 and on 07.12.2018. Dr.C.Poongodi, Associate Professor, Mr.A.Jeevanantham, Assistant Professor, Department of Information Technology, Kongu Engineering College, Perundurai, Erode 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 2019.

Extension Activity and Outreach Programme

The Department organized an Extension Activity and Outreach Programme on "Internet Concepts" for the Students of Government High School, Kanagapuram, Vellode, Erode on 24.08.2018.

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
⇒ **390 beneficiaries from various disciplines**

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Assuring the Best

Students Achievements

- The real feedback for the department activities

- The students of Computer Science Department have participated in **14** Intercollegiate Meet Competitions held at various colleges and won **46 prizes**.

- **01 Student** has attended a National Level Workshop on "Programming in Python for Absolute Beginners" held at Kongu Engineering College, Perundurai on 18.08.2018.

- **11 Students** have participated in the International Seminar on "Contemporary Techniques" held at Vellalar College for Women on 21.08.2018.

- **08 Students** have participated in the International Seminar on Current Trends in "Computer Science and Technologies" held at Vivekanandha College of Arts and Science, Trichengode on 11.09.2018.

- **02 Students** have presented papers in a National Seminar Technical Symposium (MeSCia- 2K18) held at Kongu Engineering College, Perundurai on 12.09.2018.

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

  1. P.K.R Arts College for Women, Gobichettipalayam on 21.08.2018
  2. Kongu Engineering College, Perundurai on 20.09.2018
  3. Vellalar College for Women, Erode on 28.09.2018
  4. Bharathidasan College of Arts and Science, Erode on 27.12.2018
  5. A.V.P College of Arts and Science, Tirupur 06.02.2019
  6. Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore on 07.02.2018

- S.Ashiq Mohamed of III B.Sc Computer Science has completed an NPTEL Online Course on "Programming, Data Structures and Algorithms Using Python".

Faculty Achievements

- **Best Teacher Award (2018 - 2019)**

  * Mr.P.Ramesh   -   Assistant Professor & Head
  * Dr.V.Krishnaveni   -   Associate Professor
  * Dr.K.G.Santhiya   -   Associate Professor
  * Dr.R.Sundar Raj   -   Assistant Professor

- **Academic Enrichment**

  * 01 Faculty member has attended an International Seminar
  * 12 Faculty members have published papers in International Conferences
  * 01 Faculty member has attended workshop
  * 08 Faculty members have attended Faculty Development Programme organized by KASC
  * 01 Faculty member has attended a Faculty Development Programme organized on "High Performance Computing" organized NIIT, Agartala from 29.10.2018 – 02.11.2018

- **Academic Enhancements**

  * Dr. R. Sundar Raj has completed his Ph.D on 27.11.2018
  * Dr. R. Sundar Raj has completed a NPTEL online Course on " R Programming" on 09.11.2018.

- **Book Publications**

  * Dr.V.Krishnaveni, Dr.K.G.Santhiya and Dr.V.Anbumani have compiled a Book on "Value Education" with ISBN 978-81-939893-0-2
  * Dr. R. Sundar Raj has compiled a Book on "The Beginner's Handbook for Computer Based Optimization Techniques" with ISBN 978-81-940139-0-7

- **Research Paper Publications**

  * 09 Faculty Members have published 13 Research Papers in various peer reviewed international journals with high impact factors

- **Resource Persons**

  * Mr.P.Ramesh served as a Resource Person for Orientation Programme conducted by Department of Corporate Secretaryship with CA & PA , Kongu Arts and Science College on 01.08.2018
  * Mr.S.Sivaraja has served as a Member of Jury for an Inter-collegiate Meet (Budhimaan-19) organized by Builders Engineering College, Kangeyam on 06.02.2019
  * Mr.R.Sundar Raj acted as a Resource Person for a Guest Lecture Programme on "Interview and Organizing Skills" on 18.08.2018 at CS Academy, Erode
  * Mr.P.Ramesh served as a Chair Person for an "International Conference on Recent Innovations in Engineering Technology and Management (ICRIETM - 2019)" conducted by Nandha Engineering College on 22.03.2019

Glimpses - 2018 - 2019

Orientation Programme on
"Etiquettes for a Human"

Orientation Programme on
"Student Centric Activities"

Orientation Programme on
"Tuning towards IT Industry"

Orientation Programme on
"Train the Brain"

Orientation Programme on
"Building Academic Performance"

Orientation Programme on
"Tuning towards IT Industry"

Orientation Programme on
"Communication Skills"

Orientation Programme on
"Foundations of Mathematics"

Glimpses - 2018 - 2019

An Industrial Visit to
JVS Electronics Pvt Ltd, Bangalore

Outreach Programme at
Government School Students

Career Guidance Programme
for Final Year Students

Workshop on "Building IoT Applications"
for Final Year Students

Guest Lecture on "Career Opportunities in IT
and ITES Industries"

Workshop on "Computer Hardware and
Networking" for I year students

Extension Activity to
Government School Students

Awareness Programme on
"Confidence building & Gender Sensitization"

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	10	AEE BEE Academy	04	Nice Education	14	Hicitizen Life Skills	02
Wipro	05	Vee Technology	03	Infiniti	01	FLI & Infact	06
LEEA	02	ILM	06	TNQ	02	Vinsinfo	01
CTS	03	IDBI	22	Bright Star	05	Total	86

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

- Ken Olsen

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