VELLALAR COLLEGE FOR WOMEN (Autonomous)

ERODE-12.

College with Potential for Excellence
(Re-accredited with 'A' Grade by NAAC &
Affiliated to Bharathiar University, Coimbatore - 641 046)

PG DEPARTMENT OF COMPUTER SCIENCE
NEWS LETTER

Issue- IV   June-2017 to April-2018

PRIDE OF WOMEN

"The education and empowerment of women throughout the world cannot fail to result in a more caring, tolerant and peaceful life for all"

EDITORIAL BOARD

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Ms. K.T.DIVYA

STUDENTS
Ms. V.ROHINI   - II M.Sc.[CS]
Ms. R.SMIRUTHI - II M.Sc.[CS]

ABOUT THE INSTITUTION

Vellalar College for Women established in July 1970, the Institution has a remarkable contribution to the empowerment and upliftment of rural women. With a great sense of pride and happiness, we record that our Institution has been Re-accredited with 'A' Grade and CGPA of 3.43 by NAAC in the third cycle.

Recently, our college has received grant from the Department of Science and Technology under FIST programme and from the Department of Biotechnology under STAR COLLEGE SCHEME. It is a matter of pride that our Institution has secured 57th Rank in the NIRF National Ranking 2018.

Inside this ....

Vision and Mission
In and Around the Department
  ᴄ Department Activities
  ᴄ Students Achievement
  ᴄ Students Corner

ABOUT THE DEPARTMENT

The Department of Computer Science has been established in the academic year 1997-98 and upgraded with PG Computer Science in the academic year 2010-11. The department has progressed rapidly with a well-equipped infrastructure and 15 dedicated faculty members who shape the students in all aspects.

VISION

To enhance the excellence of the women students in the field of Computer Science thereby making them competitive professionals to match the Industry prerequisites.

MISSION

- To impart moral and ethical values, and interpersonal skills to the students

- To empower the students to face the fore coming challenges with technological transfer

- Think critically and demonstrate organizational entrepreneurship in lifelong learning under various realistic constraints

- Support society by participating and encouraging in multidisciplinary environment

FROM THE EDITOR'S DESK...

I am extremely happy in releasing the 'Fourth Issue' of newsletter carrying the achievements of our faculty members and students who earn credits for the Institution. The newsletter is a platform to exhibit the skills and innovative ideas of staff and students. The achievements of the students will also inspire other students to participate in various activities. I would like to thank all those who have contributed to make this effort a success.

RESEARCH HIGHLIGHTS BY FACULTY
Ph.D. Awarded

We are proud that two of our faculty members were awarded Doctoral Degree during the year 2017-2018.

Dr. S.AKILA   Dr. P.K. SARANYA

IN AND AROUND THE DEPARTMENT

RESEARCH HIGHLIGHTS BY FACULTY

M.Phil. Produced : 04	Faculty members pursuing Ph.D.	: 03
M.Phil. Ongoing : 06	Research Publication in National/International Journals	: 10

PUBLICATIONS

NAME	TITLE	JOURNAL	MONTH AND YEAR
Dr.B.Ananthi	Virtual Machine Management for Cloud Data Center to Avoid Security Issues	International Journal for Scientific Research and Development –IJSRD, Volume 5 ,ISSN (online): 2321-0613, Vol 5, Issue 9, PP:1025-1028	December 2017
	An Efficient Detection and Prevention of DDOS Attacks in Cloud Environment	International Journal of Advanced Research in Computer Engineering and Technology, Volume 7, ISSN:2278-1323, Vol 7, Issue 1,PP: 45-53	January 2018
Dr.P.Radha	Restricting Barrier and Finding the Shortest Path in Wireless Sensor Network using Mobile Sink	International Journal of Recent and Innovation Trends in Computing and Communication Volume 5, ISSN (online): 2321-8169,Vol 5, Issue 12,PP :100-106	December 2017
	Normalization Based Intelligence Risk Factor Classification System for Type-2 Diabetic Patients	Journal of Advanced Research in Dynamical and Control Systems, 05 Special Issue 2018, ISSN 1943-023X, ELSEVIER Scopus, PP: 518-529	May 2018
Mrs.P.Sridevi	An Efficient Encryption Then Compression System Using Asymmetric Numerical Method	International Journal of Engineering and Technology [IJET], Volume 9, ISSN:(online)0975-4024,PP-3680-3688	Oct - Nov 2017
	Multi Keyword Ranked Search Over Encrypted Cloud Data	International Journal of Advanced Research in Computer Engineering & Technology, Volume 7, ISSN: 2278-1323, PP 25-33	January 2018
Mrs.V.Priya	A Review on Image Compression Techniques	International Journal of Contemporary Research in Computer Science and Technology, Volume 3,ISSN: 2395-5325	September 2017
	Segmentation of Blood Vessel in Retinal Images and Detection of Glaucoma Using BWAREA and SVM	International Journal of Advanced Research in Computer Engineering and Technology,Volume7, ISSN (online): 2278-1323, Issue 1,PP -54-61	January 2018
Mrs.K.Pavya	Feature Selection Techniques in Data Mining: A Study	International Journal of Scientific Development and Research (IJSDR), Volume2, ISSN:2455-2631,PP:594-598	June 2017
	Enhancing Filter Based Algorithms for Selecting Optimal Features from Thyroid Disease Dataset	International Journal of Advanced Research in Computer Science, Volume 8, ISSN (online): 0976-5697, Issue 9,PP -184-188	Nov-Dec 2017
	Review of Literature on Filter and Wrapper Methods for Feature Selection	International Journal of Engineering Sciences & Research Technology, Volume 7, ISSN (online): 2277-9655, Issue 1,PP -137-143	January 2018

MEMORANDUM OF UNDERSTANDING

The Department signed a MoU with Master Mind Technology Solution, Thiruchengode and Browzone Info Tech, Erode, to offer Android Programmes for Final UG Students.

CERTIFICATE COURSES

The Department conducted a 6 months course on Animation using Photoshop and Flash for I & II year UG Students. Students of various departments enrolled in the course to enhance their skills and job opportunities.

ASSOCIATION ACTIVITIES [2017-2018]

"Special Meeting"

A special meeting on "**ANDROID PROGRAMMING**" was addressed by **Mr. M. Vijayan, Master Mind Techno Solution, Senior Application Developer,** Thiruchengode, on 05.07.2017 & 06.07.2017

Organized a special meeting on the topic **"MOTIVATION PROGRAMME"** on 09.08.2017. **Dr. N. Sankara Raman**, Assistant Professor of Tamil, SSM College of Arts & Science, Komarapalayam , was the resource person.

"**HEALTH AWARENESS**" program was organized on 12.09.2017. **Dr. S. Vani M.B.B.S,** Tutor, Department of Obstetrics and Gynecology, IRT Perundurai Medical College and Hospital, Perundurai, was the resource person.

Organized a special meeting on the topic **"MULTISKILL DEVELOPMENT PROGRAMME"** on 04.01.2018. **Mr. J. Thangavel Raj,** Life Skills Coach, English Communication Trainer, Corporate Soft Skill Trainer, Erode, was the resource person.

"EXOUSIA 2K17"

The Department conducted **a one day exhibition** on 01.02.2018 at Kasthurba Gandhi Kalaiarangam. Students exhibited their Innovative Ideas and demonstrated various projects.

"Inter Collegiate Meet"

The Department organized an **"INTER COLLEGIATE MEET- CYBER EXPO"** on 15.09.2017 **Dr.G.Padmavathi,** Professor, Department of Computer Science, Avinashilingam Institution for Home Science and Higher Education for Women, Coimbatore, chaired the session.

"Guestlecture"

A Guest Lecture on **"DATA MINING – APPLICATIONS AND TRENDS"** was organized on 27.09.2017. **Dr. N. Karthikeyani Visalakshi,** Assistant Professor, Department of Computer Science, N.K.R. Government Arts College for Women, Namakkal, was the resource person.

A Guest Lecture on **"BIG DATA"** was organized on 29.12.2017. **Dr. S.Shanthi,** Assistant Professor (SLG) Computer Applications, Kongu Engineering College, Erode chaired the session.

"Association Competitions"

Association competitions "Word Hunt", "Paper Presentation" and "Logo Creation" were conducted for UG and PG students on 16.02.2018.

"Technical Workshop"

The Department organized a workshop on the topic "HANDS ON TRAINING - PYTHON" on 19.02.2018 and 20.02.2018. Ms. S. Kayalvili, Assistant Professor (SG) in Computer Science and Engineering, Velalar College of Engineering and Technology, Erode, was the resource person.

"Student Seminar"

Final UG students shared their knowledge on Blue Brain Technology, Android Versions, Recent Trends in IT, Types of Computers and Blue Eye Technology for Ist year UG students on 20.09.2017.

"Extension Activity"

The Department conducted Extension Activity for VI to IX standard students of Vellalar High School, Thindal, on 01.02.2018. The School students visited the exhibition EXOUSIA 2K17 and enriched their knowledge.

PRESENTATION BY FACULTY MEMBERS

CONFERENCE

Name of the Faculty Members	Title of the Paper	Venue and Date
Dr. B. Ananthi	A Survey on Data Security in Cloud Computing	Nandha Arts and Science College (18.08.2017)
Dr. P. Radha	Wireless Sensor Network using Monitoring the Environmental Activities	Nandha Arts and Science College (18.08.2017)
Mrs. P. Sridevi	Encryption Techniques on Cloud Computing	Nandha Arts and Science College (18.08.2017)
Mrs. V. Priya	A Review on Image Compression Techniques	Tiruppur Kumaran College for Women (05.09.2017)

FDP ATTENDED

Name of the Faculty Members	Programme	Venue and Date
Dr. P.K. Saranya	Contemporary Issues on Effective Teaching in Management Studies	Velalar College of Engineering and Technology (28-11-2017 to 11-12-2017)
Dr. P.K. Saranya		
Mrs. R. Mythili	Cloud Computing with Amazon Web Services	Vellalar College for Women (Autonomous) (21.02.2018 & 22.02.2018)
Mrs. M. Karthiyayini		

ENLIGHTENING THE FACULTIES OF OUR COLLEGE

Our Department conducted a **Faculty Development Programme** entitled "Getting into Drupal" on 23.12.2017. Mr. J. Arumugam, Librarian, PSG College of Technology, Coimbatore acted as the Resource Person.

The faculty members of our Department undertook an Online Exam in Drupal conducted by IIT-Bombay and cleared the exam.

Congratulations

Dr. P.K. Saranya	• Selected for Indian Academy of Science-Summer Research Fellow - SRF 2018, Madurai Kamaraj University, Madurai. • Completed NPTEL Online Certification Funded by the Ministry of HRD, Govt of India.
Dr. P. Radha	UGC sanctioned an amount of Rs.1,80,000/- for a minor research project (MRP) during July-2017.

STUDENT'S STRENGTH

I B.Sc. (CS) A&B : 114	II B.Sc. (CS) A&B : 98	III B.Sc. (CS) A&B : 112
I M.Sc. (CS) : 56	II M.Sc. (CS) : 58	

PROFICIENCY AWARDS 2017 - 18
ALLIED UG

J. JAYASATHYA
1st RANK
III B.Sc.(CS)'A'

S. JANAPRIYA
2nd RANK
III B.Sc.(CS)'A'

A.P.GHAYATHRIY
1st RANK
II B.Sc.(CS)'A'

S. SONA
2nd RANK
II B.Sc.(CS)'A'

CORE (UG & PG)

S.SANDHYA
1st RANK
III B.Sc.(CS)'B'

S.SATHANA
2nd RANK
II B.Sc.(CS)'A'

M.PARUVATHAVARTHINI
1st RANK
II M.Sc.(CS)

PRAVEENA M
2nd RANK
II M.Sc.(CS)

RANK HOLDERS

UG [2014-2017]

LOGAPRIYA.K
1st Rank

SUJITHA.B
5th Rank

PG [2015-2017]

DEEPIKA.K
1st Rank

SREEPRIYANKAA.S
2nd Rank

MOHAMOODHA AYESHA FATHIMA .S
3rd Rank

POSITION HELD IN COLLEGE UNION
Union Office Bearers for the Academic year 2017-2018

MEENAKSHI. A
III B.Sc. (CS) 'A'
ASSOCIATION SECRETARY

DEEPA. A
II B.Sc.(CS) 'B'
PLACEMENT SECRETARY

KOWSALYA. G
III B.Sc.(CS) 'A'
ENVIRO CLUB SECRETARY

Top Flight of Campus (UG)

Name	Company	Name	Company
Jayasathiya. J	Infosys IT	Nandhini. C	
Janapriya. S	CapGemini	Sandhiya. K	
Sivarekha. S	Inet Resource	Soundarya. S	
Jennifer Princy. S		Ragavi. S	
Deepa. A	Accenta	Afrin. R	
Jennifer Princy. S		Husinabanu. S	IDBI Federal
Indhumathi. D		Suganya. B	
Harini.M		Indhumathi. R	
Kiruthika.P	AB Academy	Sivareka. S	
Deepika. M		Gokilapriya. S	
Indhumathi. D		Haripriya. D	
Jennifer Princy .S	Wipro	Harini. C	

Top Flight of Campus (PG)

Name	Company
Gunavathi. S	
Srimathi. A	IDBI Federal
Sowmiya. S.K	

IDEA SHOWERS

EVENT	NAME	PRIZE
WORD HUNT I& II B.Sc. (CS)	K.GUHANAA	I
	A.GOKULA PRIYA	II
	S.SUBIKSHA	I
	E.ROHINI	II
	A.P.GAYATHRI	I
	M.KAVYA	II
	S.SUSHMA	I
	B.YAZHINI	II

EVENT	NAME	PRIZE
PAPER PRESENTATION III B.Sc. (CS)	M.DEEPIKA	I
	S.JENNIFER PRINCY	II
	B.SUBASHINI	I
	S.SIVAREKA	II

EVENT	NAME	PRIZE
LOGO CREATION II M.Sc. (CS)	R.SMIRUTHI	I
	S.BARANI	II

EDUCATIONAL TOUR

The students of our department were taken to an educational tour to COORG and MYSORE from 31.08.2017 to 02.09.2017.

EXTRA CURRICULAR ENGAGEMENTS

Apart from the academic involvements, coterie of enthusiastic minds engage in meaningful contribution to the societal development. A sizeable number of students are a part of voluntary forums and clubs.

Oh, it's not just work .It's play too!!!

EARN WHILE LEARN

'Earn your success based on service to others, not at the expense of others'

-H. Jackson Brown, Jr.

Name	Class
Vaishnavi.V	
Priyadharshini.S	II B.Sc. (CS) B
Rokhini.E	
Sabeetha.R	
Pavithra.N	
Shalini.S	III B.Sc. (CS) B
Nisha.D	

Name	Class
Roobashri.P	
Sangeetha.T	III B.Sc. (CS) B
Farhana Parveen.K	
Sridevi.N	
Rohini.M	
Gomathipriya.J	II M.Sc. (CS)
Kokila.M	

Blood Patrons

'If you really want to lend a hand, lend your arm'

Sujitha.R
Kokila.M } II M.Sc. (CS)

Subiksha.S
Rufiya Banu.M } II B.Sc. (CS) B

STUDENTS CORNER

BRINGING THE STUFF OUT!!!!!

INFORMATIVE WOMEN

An art piece by
S.AshwiniSaroja
II M.Sc.(CS)

JALLIKATTU

An art piece by
S.Ramya Devi
III B.Sc.(CS)'B'

SAVE NATURE

An art piece by
K.Jeevitha
III B.Sc.(CS)'A'

An art piece by
K.Pushpa rani
III B.Sc.(CS)'A'

STUDENTS CORNER

BEYOND THE BOOKS...

THE MOST...

Subscribed youtube channel	- PewDiepie
Watched youtube video	- Despacito
Online selling product in India	- Apparels
Used social media in India	- We chat
Used online shopping site in India	- Jabong.com
Downloaded song (2018)	- God's plan
Downloaded app in the world	- QQ

V. ROHINI
II M.Sc.(CS)

Facts about Google...

Chrome remote desktop	- Access computer from your android phone
Google Handwriting Input	- Write text in 97 languages
Google Home	- Powerful speaker and voice Assistant
Just a line	- Draw in augmented reality
Trusted Contact	- Share your location
Android auto	- Phone to interface with car's built-in system
Google Drive	- Get access to files anywhere through secure cloud storage
Google Doc	- Create, share, and edit text documents
Google Photos	- Upload and view your photos from any device

R.Smiruthi
II M.Sc.(CS)

RIDDLES

I am always in front of you but you never see me. Who am I ?

Answer : Future.

I am not heavy but even the strongest man cannot hold me for long. Who am I ?

Answer : Our breath.