NEW PRINCE SHRI BHAVANI
ARTS AND SCIENCE COLLEGE
(CO - EDUCATIONAL INSTITUTION & AFFILIATED TO UNIVERSITY OF MADRAS)
PATEL ROAD, MEDAVAKKAM, CHENNAI- 600 100.

DEPARTMENT OF COMPUTER SCIENCE

ABOUT CS HAPPEN BYTES

It is with great pleasure that we bring you the 2015-2016, Second Issue of CS Happen Bytes, the yearly newsletter of Department of Computer Science, New Prince Shri Bhavani Arts and Science College. The purpose of CS Happen Bytes is to provide information about the exciting new developments and ongoing programs at the department of computer science. The current newsletter highlights the activities of our students and the achievements of faculty during the past one year.

The intent of CS Bytes is to disseminate information about our department as well as college, and we hope that the readers find the issues informative and useful. We are thankful to the faculty, students and staff of our department for their valuable inputs, and we welcome suggestions and feedback that will help us improve further. We can be reached at **newsletter@newprincearts.edu.in.**

INSIDE THIS ISSUE

- Department Vision and Mission
- Events Organized
  - ✓ Workshops and Seminars
  - ✓ Guest Lectures
  - ✓ Alumni Talk
  - ✓ Intra-Departmental Competitions
  - ✓ In-Plant Training
  - ✓ Industrial Visit
  - ✓ Extension Activity
- Journal Publications by Faculty Members
- Faculty invited as Speakers/Guest/ Resource Persons
- Seminar/FDP/Conference attended by Faculty Members
- Students Achievements

HOD'S MESSAGE
By Mrs. V. Uma Devi

Greetings from Department of Computer Science!

I am very pleased to present the second issue of the newsletter "CS Happen Bytes" of Computer Science Department. I hope the Newsletter will serve as an interface between the college and outside world. This newsletter provides information about the academic and co -curricular activities organized in the department during the academic year of 2015 to 2016. I am happy to note that various initiatives are taken by the department to disseminate knowledge by organizing seminars, development programs and workshops. Expert lectures are also organized to keep updated with the latest developments in the field of Computer science and technology. I congratulate all the faculty and students who have contributed to this newsletter and also appreciate all faculty members for motivating their students towards this fulfillment. I wish each one of them in the Department success in all their endeavors.

Vision:

To be in the frontier of computer science and applications to produce globally competent graduates and professionals with innovative ideas, skills and moral values to build a vibrant nation.

Mission:

1. To provide quality education to meet the need of profession and society.
2. Provide a learning ambience to enhance innovations, problem solving skills, leadership qualities, team-spirit and ethical responsibilities.
3. Establish Industry Institute Interaction program to enhance the entrepreneurship skills
4. Provide exposure of latest tools and technologies in the area of information technology.
5. To inculcate value-based, socially committed professionalism to the cause of holistic development of students and society.

DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science was established in the year 1999 with UG programme B.Sc. Computer Science to nurture fresh talent in the field of Information Technology. To accomplish the need of IT sector, we started BCA in 2000. The Department was upgraded into a post graduate stream in the year of 2003. It is committed to provide a supportive, friendly and challenging learning environment and to impart quality education in the sub fields of IT, a field growing leaps and bounds. The department has a well-equipped laboratory and a reference library for the benefit of staff and students. The department comprises of well qualified and dedicated faculty members who are specialized in the areas like Web Technology, Database Management Systems, Java, Data Mining and Networks. The Faculty of the department attends frequent training programmes which help them to handle constantly changing technological trends. The overall academic performance of the department is outstanding.

EVENTS ORGANISED

Technosis- Association of Computer Science has organized many events like Workshops, Seminars, FDP, Guest Lecturers and Intra-Events for the benefit of students as well as faculty members to acquire knowledge in the latest technologies and career development. Here are the details of some important events during the academic year 2015-2016:

SEMINAR & WORKSHOP

- One day National Level **Seminar** on **"Cloud computing"** held on 8th August 2015 hosted by Dr. N. Badrinath, Lords Institute of Engineering and Technology, Telangana.

- One day **workshop** on **"Make your own Website"** held on 25th July 2015 hosted by Mr. P. Nandagopal, Senior Software Engg., CTS, Chennai.

GUEST LECTURE

- Guest Lecture on **"Wireless Sensor Networks"** delivered by Dr.V.R.Elangovan, A.M Jain College, Chennai, held on 4th July 2015.

- Guest Lecture on **"OOPS Concepts"** delivered by Dr.T.Prabhu, M.G.R University, Chennai, held on 1st August 2015.

- Guest Lecture on **"Basic Programming Structure"** delivered by Mrs. Renuka, Prince Shri Venkateswara Arts and Science College, Chennai on 25th September 2015.

- Guest Lecture on **"Software Testing Methodologies"** delivered by Dr.P.MuthuLakshmi, Associate Professor, SRM Institute of Science and Technology, Chennai, held on 19thDecember 2015.

- Guest Lecture on **"Java Applets"** delivered by Mrs.AnandhaPriya, Head, Department of Computer Science, Patrician College, Chennai, held on 9th January 2016.

- Guest Lecture on **"Programming using C"** delivered by Mrs.M.S.Nidhya, VELS University, Chennai, held on 6th February 2016.

INTRA- DEPARTMENTAL COMPETITIONS

- Intra-Departmental Competitions, Poster Presentation **"TECHNOSHARE'15"** and Debugging "**CODE-O-FIESTA'15"** held on 1st AUGUST 2015.

- Intra-Departmental Quiz contest "**CS - MASTER MINDS'15"** held on 25th September 2015.

ALUMNI TALK

- ALUMNI TALK by Mr.K.R.Vignesh, Project Leader, Kaaylabs, Chennai, on topic **"Interview Empowerment Tricks",** held on 20th June 2015.

IN-PLANT TRAINING

- In-Plant Training Programme to **HCL Technologies Pvt. Ltd**., Velacherry, Chennai, held on **4th, 5th and 6th September 2015**, arranged for final year students.

INDUSTRIAL VISIT

- One day Industrial Visit to **"Aadhityaa Infomedia Solutions Pvt. Ltd"** in T. Nagar, Chennai, on 21st August 2015.

EXTENSION ACTIVITY

As an Integral part of curriculum, Department of Computer Science organized an Extension Activity Program **'Dengue Awareness Campaign & Rally'** conducted on **30th January 2016,** in and around medavakkam area by interested students of BCA and CS.

PUBLICATIONS BY FACULTY MEMBERS

Mrs.V.Uma Devi
- Published a research paper in international journal on "Design of Network Architecture for Intrusion Detection using Spanning Tree Multiclass Classifier in MANET" in Journal of Theoretical and Applied Information Technology (JATIT), June 2015.
- Published a research paper in international journal on "Removal of Malicious Attacks using Hybrid Symmetric Cryptographic Technique" in International Journal of Computer Applications (IJCA), December 2015.
- Published a research paper in international journal on "Testing Methods based on Measuring the Cloud in the Cloud Environment" in IRJET - International Research Journal of Engineering and Technology, April 2016.

Mrs. S. Saranya
- Published a research paper in international journal on "TRET: A Text Retrieval Efficiency Testing Tool for Different Document Types/Formats and Calculating Evaluation Measures for XML Retrieval" in International Journal of Applied Engineering Research, (IJAER) Research India Publications, August 2015.

FACULTY MEMBERS INVITED AS RESOURCE PERSON FOR SPECIAL TALKS/ GL/ SEMINAR/WORKSHOP

- **Mrs. V.Umadevi,** delivered Guest Lecture on 23rd July 2015 , at Prince Shri Venkateswara Arts and Science College, Chennai.

- **Dr. C. Meenakshi,** delivered Guest Lecture on 2nd September 2015, at Sri Muthukumarasamy College, Chennai.

SEMINARS/FDP/WORKSHOPS/CONFERENCES ATTENDED BY FACULTY MEMBERS

- K.Maheswari, V.Poornima and I.Poonkody have attended **Seminar** on "Introduction to R Programming"" at Sri Sai Ram Engineering College, held on 25/06/2015.
- R. Sridevi, S. Meenakshi, and P.Srivaramangai have attended **Workshop** on "Big data Hadoop" at Msys Tech India Private Ltd., held on 9/9/2015 & 10/9/2015.
- A. Sivarani, C. Meenakshi and K.Maheswari have attended **Workshop** on "Embedded Microcontroller using at Mega 328" at Women's Christian College, held on 11/9/2015 & 12/9/2015.
- S.Sivagamasundari, V.Poornima, S.Janet Grace Susila and I.Poonkody have attended **Workshop** on "Research Tools" at Anna Adharsh College for Women, held on 18/09/2015.
- S.Sivagamasundari, C.Meenakshi, and D.Jayalakshmi have attended **Seminar** on "Knowledge Improvements Techniques" at Vidhya Sagar Womens College, held on 28/9/2015.
- T. Lavanya Suja, S.Elavarasi and A. Muthamizh Selvan have attended **Seminar** on "Innovative Higher Education Pedagogies Enhancing Learning & Employability" at Sindhi College of Commerce, held on 28/9/2015.
- R.Sridevi, P. Srivaramangai, D.Jayalakshmi, A. Muthamizh Selvan, B. Sharmila, S.Janet Grace Susila, V.Poornima, and S.Elavarasi have attended **Training** on "Quality and six sigma" at New Prince Shri Bhavani Engineering and Technology, held on 14/10/2015.
- T. Lavanya Suja and D.Jayalakshmi have attended **FDP** on "Planning and Executing an International Quality Ph.D" at KCG College of Technology, held on 20/11/2015 & 21/11/2015.
- V.Umadevi and P.Calista Bebe have attended **FDP** on "Mobile Application Development" at Sri Venkateshwara College of Engineering, held on 8/01/2016 & 9/01/2016.
- S. Elavarasi, T. Lavanya Suja and Dr. A. Muthamizh Selvan have attended **Workshop** on "Research Methodology and Techniques", at St.Peters University, held on 19/01/2016 & 20/01/2016.

- S.Saranya, S. Meenakshi and P. Srivaramangai have attended **Seminar** on "Recent Trends in Linear Programming" at Soka Ikeda College of Arts and Science for Women, held on 22/1/2016.
- R.Sridevi, S.Elavarasi, A. Muthamizh Selvan, K.Maheswari and P.Calista Bebe have attended **FDP** on "Application of NLP on Teaching Learning Process" at IQAC, Vidhya Sagar Women's College, held on 30/1/2016.
- B. Sharmila, and A.Sivarani have attended **Seminar** on "Make in India" at D.B.Jain College, held on 17/2/2016.
- A.Sivarani, B. Sharmila, S. Meenakshi, I.Poonkody and S.Janet Grace Susila have attended **FDP** on "Creativity and Innovations in Teaching" at Eswari Engineering College, held on 12/3/2016.
- V. Umadevi, P.Calista Bebe and S.Saranya have attended **Workshop** on "Art of Writing Research Article & Journal publications" at VELS University, held on 19/3/2016.
- V. Umadevi and S.Saranya have attended **Conference** on "Emerging Trends in Computer Science and Information technology - 2016" at VELS University, held on 21/3/2016.

STUDENTS ACHIEVEMENTS

Students of our college have been actively participated in various intercollegiate technical, cultural and sports events and bagged prizes during 2015-2016.

- **R.Prasath** and **P.Saravanan** from III BCA have participated in **Quiz** at VELS University, Chennai, held on 22nd August 2015.
- **C.Karthik** and **D.Jayanthan** from III CS have participated in **Debugging** at VELS University, Chennai was held on 22nd August 2015.
- **B.Abdul Rahman** from III CS has participated in **Paper Presentation** at St.Joseph Arts and Science College, Chennai, held on 21st September 2015.
- **R.Krishnan** and **S.Mohammed Muzaffer Sherif** from III BCA have participated in **Web Weaver** at University of Madras, Chennai, held on 3/10/2015 and 4/10/2015.
- **R.Meenakshi** and **D.Bhuvaneswari** from III BCA have won First Prize in **Quiz** at Prince Shri Venkateshwara College of Arts and Science, Chennai, held on 22nd February 2016.
- **R.Jani Priya** and **S.Syeed Ali Fathima** from III BCA have participated in **Web Designing** at Sri Sankara Arts and Science College, Chennai, held on 26th February 2016.

"Excellence is a continuous process and not an accident" – Dr.A.P.J. Kalam.