



## **BON SECOURS COLLEGE FOR WOMEN, THANJAVUR**

Nationally Accredited with 'A' Grade by NAAC

UGC Recognized 2(f) & 12(B) Institution

Vilar Bypass, Thanjavur



**NOVEMBER 2016**

### **DEPARTMENT OF COMPUTER APPLICATIONS**

The Department of Computer Applications has been functioning in the college since 2004. The department strives for strengthening the students to build a prosperous society. We started department Association in the name of **BIOS** in the college since 2004. It also contributes to the IT fields by conducting conference, lectures and workshop most frequently. The department has earned their reputation for academic excellence by securing ranks in the university and also our students got placement in the various companies. At present we have strength of 375 students. We have a good team of faculty members dedicated to the cause of higher education.

#### **CURRICULAR ASPECTS**

- Introduced new add-on course as **Adobe Illustrator** for our students.

#### **RESULT & RANK HOLDERS**

- 99 % of result produced this year. Our department students secured **three ranks** in the university level.



**S. Bhuvaneswari**  
**9<sup>th</sup> Rank**



**M. Nushrath**  
**11<sup>th</sup> Rank**



**S. Vinothini**  
**14<sup>th</sup> Rank**

#### **STUDENT INDUCTION PROGRAMME**

- The Department of Computer Applications hosted the Student Induction Programme for I year students on 21<sup>st</sup> June & 22<sup>nd</sup> June 2016. In this programme, we could be identified the area of Strength and Weakness of the students by conducting different modules. On 23.06.2016 we have conducted the entry level test; through that test we could be known the level of student's knowledge.



## INTERNATIONAL CONFERENCE

- On 20<sup>th</sup> September 2016, **International Conference on Advances in Computing Communication and Networking ACCN'16** was organized by Computer Applications department. Dr. Gopinath Ganapathy, Director, Technology Park, BUTP delivered the inaugural address. Dr. R. Krishna Murthy, Head, Dept. of CSE, Anna University, Trichy delivered the valedictory address.



## WORKSHOPS

- Our department conducted one day **“Workshop on Big data and Hadoop”** on 17.07.2016. Mr. S. Jayakumar, Managing Director, NRP Technologies, Mannargudi, was the resource person. Totally, 116 students were attended and benefitted.
- A **Workshop on Oracle Database Administration** was organized by Computer Applications department on 15.09.2016. Ms. R. Kavitha, Asst. Prof. of CS, Bharath College of Science and Management, Thanjavur, has engaged the session. In this workshop, 132 students of III BCA were participated and benefitted.



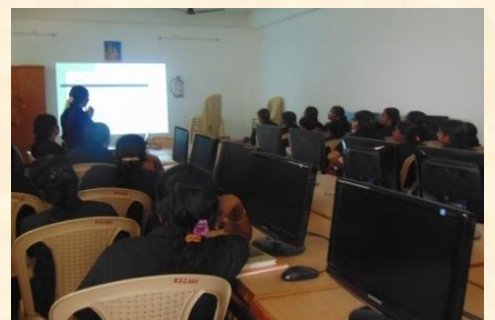
## GUEST LECTURES

- A Guest lecture on **“Wireless Networks”** for our final year students was conducted by Dr. R. Nandha Kumar, Asst. Prof. & Head, Anjalai Ammal Mahalingam Engineering College, Kovilvanni on 28.06.16.



## FACULTY DEVELOPMENT PROGRAMME

- Our Department organized one day **Faculty Development Programme on Presentation Software (AURORA)** on 22.11.2016. Dr. R. D. Sathya, Asst. Prof. of CA, Bon Secours College for Women, Thanjavur, has conducted the session.



## TOUR

- Tour was arranged from 21-09-2016 to 24-09-2016 to Hyderabad, fifty six students were accompanied with two staff members from our department.



## STUDENT ENRICHMENT PROGRAMME

- A Student Enrichment Programme on Career Development for Fresher's was organized by Department of Computer Applications on 02.07.2016. Ms. S. Monisha, Alumnae Student, has engaged the session.

## STUDENT ACHIEVEMENTS

- Ms. K.R.Poonguzhali of III BCA 'B' played chess in intercollegiate sports and tournaments at Bishop Heber College, Trichy, conducted by Bharathidasan University and won the fifth place and has performance is  $5^{1/2}/7$ .
- Ms. D. Dheebalakshmi of I BCA 'A' participated and won **5<sup>th</sup> prize in poster making** organized by Bharathidasan University.

## RESEARCH PROPOSALS

- A Minor project proposal grant for Rs.1,88,733 sent to TNSCST, Chennai, under the topic **“Enhancing women entrepreneurship drive in textile industries using information and communication technology”** by Ms. M. Florence Dayana, Head of CA.
- A Minor project proposal grant for Rs.15,850 sent on 24.08.2016 to TNSCST, Chennai, under the topic **“Low cost waste level control using domestic application”** by Ms. M. Florence Dayana, Head of CA.
- A Minor project proposal grant for Rs.Rs.15,950 sent on 24.08.2016 to TNSCST, Chennai, under the topic **“Automatic helmet detection system”** by Ms. M. Florence Dayana, Head of CA.
- A Minor project proposal grant for Rs.15,450 sent on 24.08.2016 to TNSCST, Chennai, under the topic **“Sensor based smart stick and glass for blind people”** by Ms. M. Florence Dayana, Head of CA.

## **RESEARCH ACHIEVEMENTS**

- A Training proposal grant for Rs.98,400 sent on 29.08.2016 to TNSCST, Chennai, under the topic **Empowerment of rural women towards self-employment and employability through continuing education**. This proposal was sanctioned by Tamil Nadu Government and received amount Rs. 25,000.
- A Research project proposal was sent on 22.08.2016 to NRP Technologies, Mannargudi under the topic **Secure and safety monitoring of vehicle management in hospital and school zone**. This proposal was sanctioned by NRP Technologies, Thanjavur and an amount Rs. 10,000.00 was received.

## **STAFF ACHIEVEMENTS**

- Ms. M. Florence Dayana, Head of CA, has acted as resource person in **Lecture on Software development tools**, organized by Department of Computer Applications, Bharath College of Science & Management, Thanjavur, held on 15.09.2016.

## **FDP ATTENDED BY STAFF**

- Ms. M. Florence Dayana, Head of CA, has attended one day National level Faculty Development Programme on **Enriching, Learning, Exploring New Dimensions**, conducted on 06.08.2016.

## **EXTENSION PROGRAMME**

- Computer Literacy Programme Level – II was conducted under the topic **Introduction to MS Word** to Orphanage Students, Mother Teresa Anbu Illam, Madhakottai, Thanjavur from 05.09.2016 to 23.09.2016. Ms. M. Jancy Priya and Ms. R. Gomathi Jayam, Assistant Professors of CA have engaged the sessions.



## **MOUs SIGNED**

- Signed MOU between **Department of Computer Applications, Bon Secours College for Women and NRP Technologies, Mannargudi** on 22.06.2016 for offering internship training to the students and for organizing collaborative programs.
- Signed MOU between **Department of Computer Applications, Bon Secours College for Women and Radar Technologies, Chennai** on 11.10.2016 for offering internship training to the students.



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**MARCH 2017**

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#### **GUEST LECTURE**

- A BIOS CA endowment lecture on **Network Security – Vulnerabilities** was conducted on 27.02.2017. Ms. V. Geetha, Head, Department of Computer Science, STET Women's College, Mannargudi, has delivered a lecture. Totally, 132 final year students were attended.

#### **FACULTY DEVELOPMENT PROGRAMME**

- A **Faculty Development Programme on Wearable Technologies** was organized by Computer Applications Department on 24.02.2017. The sessions were handled by eminent speakers Mr. C. Muruganadam, Asst. prof. of CS, Rajah Serfoji Government College (A), Thanjavur. In this FDP, 26 participants took part which included the Faculties and Research Scholars of various institutions.

#### **INTERNSHIP PROGRAMME**

- In order to promote the learning process and enhancing a practical skill of students, our department was arranged **Internship Programme** from 12.12.2016 to 09.01.2017. Totally 116 students of II BCA were attended and benefited. The following Industries were conducted:

- ✓ Process Management in Operating System, Combinational Logical Circuits and Web Animation–**Radar Technologies, Chennai.**
- ✓ Enterprise Java Beans, Fundamentals of Information System and Project Management – **Stepinfotech Technologies, Thanjavur.**
- ✓ Web Publishing - **Yoga IT Solutions, Thanjavur.**
- ✓ ASP Response Object, Database Applications and PHP with MySQL–**iSEEDS Software Training Academy, Thanjavur.**

### FIELD WORK

- The Department of Computer Applications arranged field work to the course **Environmental studies** as it mandatory to attain experimental learning in ecosystem. This field visit was done from **17.02.2017 to 28.02.2017**, in order to make the student learn about social issues and environment. During this period, the students have visited at Water Treatment Plant, Nova Aqua Tech, Mfr. of Nova Aqua Packaged Drinking Water, Thanjavur and herbal garden in the college campus. Totally, 120 students of I BCA were attended and benefitted.



### STUDENT ENRICHMENT PROGRAMME

- The department organized **Student Enrichment Programme on Blog Creation** for peer tutoring coordinators in all the department on 28.03.2017.



### STUDENT ACHIEVEMENTS

- Ms. K.R.Swathi and Ms. V.Vishali of III BCA-B, participated and won **First prize in Quiz** in National level Technical Symposium “TECSTROM-2K17”, conducted by Bharath College Science & Management, Thanjavur.
- Ms. A. Helina Mercy and Ms. S. Sowmiya of III BCA, got **1<sup>st</sup> prize** in Multimedia Presentation, Ms. A. Benazir of III BCA won **1<sup>st</sup> prize** in debugging and won **overall championship award** organized by Sengamalathayar Educational Trust, Mannargudi.



- Ms. S.Sowmiya of III BCA-B and Ms. M.Gopika of III BCA-A, were participated in National level Technical Symposium TRIGGER-2017 conducted at Srimad Andavan Arts and Science, Trichy and won **1<sup>st</sup> prize in Trasahunt** and Ms. A.Hadhi Zeenath Parveen of III BCA-A won **1<sup>st</sup> prize in Stress Management** and won **Overall Championship Runner-up Shield**.



### CARRER ACHIEVEMENTS

- Sixty eight students of our department got **PLACEMENT** from various companies. Sixty students got on campus placement and eight students got off campus placement for this academic year.

### FACULTY ACHIEVEMENTS

- Dr. R. D. Sathya, Asst. Prof. of CA, has acted as resource person on “**Workshop on Dot Net Frame work**”, organized by Department of Computer Applications, STET Women’s College, Mannargudi, held on 03.02.2017.
- Ms. R. Gomathi Jayam, Asst. Prof. of CA, was appointed as syllabus setter for the diploma course “**Basics of C Programming**” in Secuzense IT Security Solutions, Bangalore

### ACADEMIC PROFICIENCY

- Ms. M. Florence Dayana, Ms. M. Jancypriya, and Ms. R. Suganya, Assistant Professors of CA, have produced **Centum Result** during the academic year 2016-2017.

### E-WASTE MANAGEMENT

- Eleven Students jointly made 15 wall clocks using waste CDs. The wall clocks are presented to all the departments and office in the college.

