



Dr. N.G.P. ARTS AND SCIENCE COLLEGE

An Autonomous Institution Affiliated to Bharathiar University
Re - Accredited by NAAC with 'A' Grade
COIMBATORE - 641 048.

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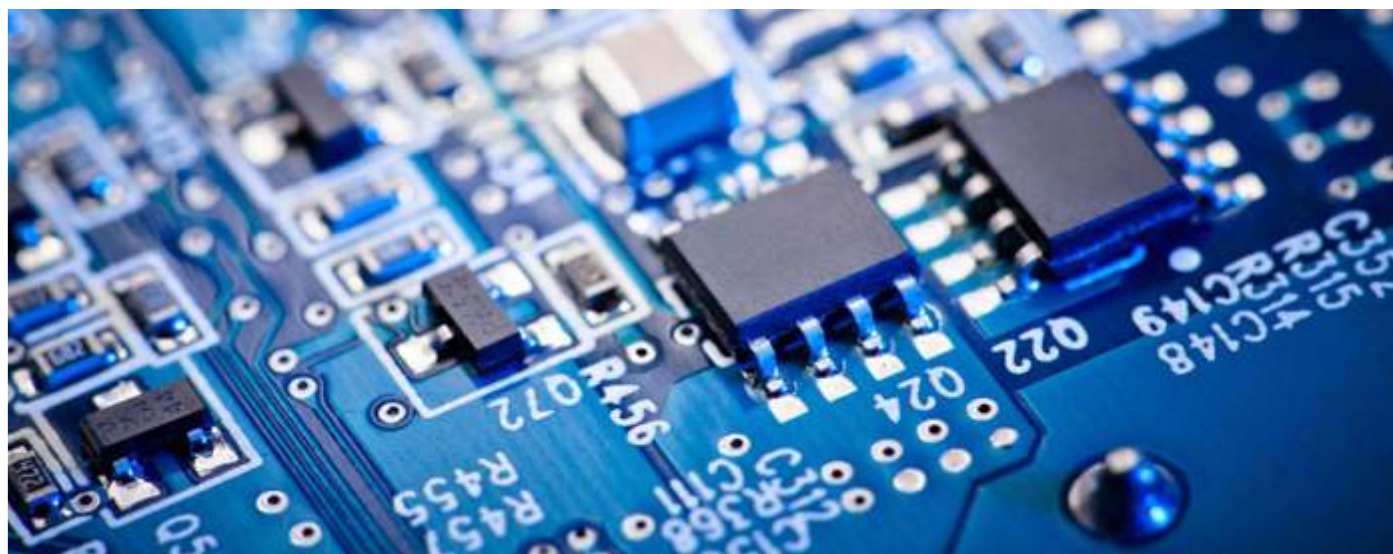
A News Letter Of Computer Science

Newsletter 2015-2016



About The Department

The Department of Computer Science was established in the year 1997. Initially B.Sc., (Computer Science) was offered. Many of our students are well placed in the society today. The Department has well qualified and experienced faculty members who cater every need of the student community. Various seminars and conferences are organized to enlighten the students in the field of computer science. The Department maintains a state of the art computer environment which enables our students to compete with the brave world.





Guest Lecture on “Mongo DB & NO-SQL”

Guest Lectures

- “Big Data Processing Tools” by Mr. E.Sivaraman, Assistant Professor, Department of Information Technology, Dr. N.G.P. Institute of Technology, Coimbatore, on 23rd December 2015.
- “Programming System Software Using Python” by G.Prasanna, Poras Technologies, Coimbatore, on 23rd December 2015.
- “Mobile Adhoc Networks and MANET” by Mrs. A. Praveena, Assistant Professor, Department of Information Technology, Dr.N.G.P. Institute of Technology, Coimbatore, on 22nd December 2015.
- “Introduction to Big Data” by Mr. Mani Deepak Choudhry, Assistant Professor, Department of Information Technology, Dr. N.G.P. Institute of Technology, Coimbatore, on 22nd December 2015.
- “Distributed Systems” by Dr.S.Shanthi, Professor, Department of Computer Science and Engineering, Dr.N.G.P. Institute of Technology, Coimbatore on 21st December 2015.
- “Mongo DB & NO-SQL” by Dr.V.Vijayakumar, Associate Professor, Department of Computer Science, SNR Sons College, Coimbatore, on 5th August 2015.

Work Shop

- “Listening, Speaking, Reading and Writing Skills” by Mr.Santhoshkumar, Trainer, Be Positive Solutions, Coimbatore, on 17th February 2016.

Special Lecture

- “Mobile Applications with Android” by Mrs. N.Sowmya and Mrs. Vaishnavi, MD, Vaiha Technologies, Coimbatore, on 11th January 2016.
- “.Net FrameWork and Its Applications” by Mr. N.Anandbabu, Technical Trainer, NIIT, Coimbatore, on 12th August 2015.
- “NS2 and VMWare” by Mr. R.S. Vignesh, Network Engineer, CADD Centre, Coimbatore, on 4th August 2015.
- “Responsive Web Designing in Android” by Mr.M.Karthikeyan, Technical Director, YRSK Technologies, Coimbatore, on 24th June 2015.

Placement Training

- “Mathematical Aptitude” by Mrs. N.Mala, HOD, Department of Mathematics, Kovai Kalaimagal College of Arts and Science, on 9th July 2015.

Value Added Course

- II-UG students had undergone the “CCNA and Web Designing



Orientation Programme

programme” as value added course given by “Mazenet”.

- III UG students had undergone the “Cloud Computing programme” as value added course given by “EMC2”.

Sports Achievements

- R.Prasanth of III CS won gold medal in weightlifting at Bharathiar University Intercollegiate tournament held on 16th Dec 2015.

Placements

Name of the Company	Total number of students placed
WIPRO	24
TCS	11
HDFC	9
INFOSYS	8
ACCENTURE	6
EP TECHNOLOGIES	6
CTS	5
WINNERS ACADEMY	5
VEE TECHNOLOGIES	5
RELIANCE	4
IDBI	4
IBM	3
CONCENTRIX	3
HINDUJA GLOBAL	2
DICOM	2
IGATE	1
ISSM	1
AGS	1

Students Achievements

- Students participated in the State Level Intercollegiate Meet “BOOM BOOT” held at Kongu Arts and Science College, Erode on 10th September 2015.
- Students participated in the National Level Technical Symposium “CONCLAVE’15” held at Rathinam College of Arts and Science on 11th September 2015.
- Students participated in the intercollegiate meet “Astoriya 2015” held at Nehru Institute of Technology on 25th September 2015.
- Students participated in the Inter Department Meet “TECH-



Gold Medal in Weightlifting



II Place in Movie Making

KNOWLEDGE 2015" conducted by department of Computer Application on 21st September 2015.

- Students participated in the Inter Department Competition "WINGS 2015" conducted by department of English on 29th September 2015.
- Students participated in the National Level Technical Symposium "TEXPERIA 2016" held at SNS College of Technology on 30th September and October 1st 2015
- Students participated in a National Level Technical Symposium "MELANGE '15" held at Kovai Kalimagal College of Arts and science on 21st August 2015 and got overall first place .
- Students participated in the "Kalloori Salai" program final conducted by Hello FM at SNS College of Technology on 28th September 2015 and won First Prize and a cash award of Rs.25000/-.
- Students of III BSc CS got II Place in the event "Short Film Making" held at Kovai kalaimagal Arts and Science College on 20th August 2015.

Faculty Development & Research Perspective

Conference Attended:

- All the faculty members participated in the National Conference on "Emerging Education Models for 21st Century Learner (NCEEM-2015)" organized by Principals association, Bharathiar University held at Dr. N.G.P. Arts and Science College, Coimbatore on 1st August 2015

Dr. K.Khumaravel, Professor & Head

Workshop Attended:

- Attended a two day Science Academies' Lecture Workshop on the "Internet of Things: A Research Perspective for a Smart Environment" at Dr. G.R. Damodaran College of Science, Coimbatore on April 15th and 16th 2016.

Journal Publications:

- Published a paper titled "A Study on Protocols in Wireless Mesh Networks" in International Journal of Computer Science and Engineering Technology (IJCSET) ,ISSN 2229-3345 Vol.6 No.7 July 2015 pg: 413-415.
- Published a paper titled "Enhanced Energy and Secured using position based Routing protocol design for wireless mesh networks" in International Journal of Advance Research in Computer and Communication Engineering (IJARCCE) , ISSN: 2278-1021 Vol.5, Issue 2nd Feb 2016.

Paper Presented:

- Presented a paper titled "Overview of Intrusion Detection System in Wireless Mesh Network" in a National Conference, Conducted by department of IT , Christian College of Science and Commerce, Kodaikanal, on 16th September 2015.
- Presented a paper titled "Study on hidden node problems and its solutions" in International Conference on Competency building Strategies in Business and Technology for Sustainable development on 19th February 2016.
- Presented a paper titled "Survey on Medical Imaging Modalities" in ICMR Sponsored National Level Conference on Medic Imaging and Informatics for Oncology MI07, (ICMR) pg.no.46 -50, 3rd & 4th July 2015.

Guest Lecture:

- Acted as a resource person for a guest lecture on "Network communication & its Technology" on 23rd December 2015 at Dr.N.G.P.Institute of Technology.

P.Usha, Assistant Professor

Paper Presented:

- Presented a paper on "Human Health Monitor Technology and Security for WSN" in National Conference on Recent trends in IT , conducted by department of IT Christian College of Science and Commerce, Kodaikannal, on 16th September 2015.

Workshop Attended:

- Attended a two day Science Academies' Lecture Workshop on the "Internet of Things: A Research Perspective for a Smart Environment" at Dr. G.R. Damodaran College of Science, Coimbatore on April 15th and 16th 2016.

M.Savithri, Assistant Professor (SG)

Journal Publications:

- Published a paper titled "A Survey on Routing Study of Difference Ad-Hoc Routing Protocols Based On Qualitative Parameters" in International Journal of Applied Engineering Research, Volume 10, Issue 20, 2015. ISSN 0973-4562 (Scopus Indexed)
- Published a paper titled "Energy Efficient Zone Based Routing Protocol for Power Heterogeneous MANETs" in International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 10, October 2015.
- Published a paper titled "Social Networking Merits and Demerits Review" in IJEMR Volume 4, Issue 5, October 2015, ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962 (Impact Factor 1.5)



MOU Signed



Won Cash prize of Rs. 25000/- in Kalloori Salai

Workshop Attended :

- Attended a five days Short Term Training Program on “Research Challenges and Security Issues in Wireless Networks” from 7th December 2015 to 11th December 2015 at Dr. N.G.P. Institute of Technology, Coimbatore.
- Attended a two day Science Academies’ Lecture Workshop on the “Internet of Things: A Research Perspective for a Smart Environment” at Dr. G.R. Damodaran College of Science, Coimbatore on April 15th and 16th 2016.

Online Certificate Course :

- Pursued an online certification programme on “Putting Social Media to Work for your Coaching Business”, provided by Udemy on 2nd February 2016.
- Pursued an online certification programme on “Getting Started with Google Analytics”, provided by Udemy on 30th November 2015.

V. Shobana, Assistant Professor, Coimbatore

Journal Publications:

- Published a paper titled "Web Mining and Data Mining Concepts, Applications, and Research Directions" in IJARCE, Volume 4, Issue 11, November 2015. ISSN (Online) 2278-1021. page no:394-398. Impact:4.5.
- Published a paper titled "Big Data-A review" in International Journal of Applied Engineering Research Volume 10, Issue 55 2015. ISSN No:0973-4562, page no:1294-1297. Impact: 1.8

Workshop Attended :

- Attended a five day Short Term Training Program on “Research Challenges and Security Issues in Wireless Networks” from 7th December 2015 to 11th December 2015 at Dr. N.G.P. Institute of Technology, Coimbatore.
- Attended a five day Faculty Development Programme on "HDP Developer" organized by ICT Academy at Sri Ramakrishna Engineering College, Coimbatore from 27th October 2015 to 31st October 2015.

Online Certificate Course :

- Pursued an online certification programme on “The Big Data Basics: Hadoop, MapReduce, Hive, Pig & Spark”, provided by Udemy on 1st December 2015.

N.Kumar, Assistant Professor

Journal Publications:

- Published a paper titled "A Big Data Mining - A Review" in

International Journal of Computer Science and Information Technology, ISSN 0975-9646 volume 6(4),2015 Pg No.4141 - 4144.

- Published a paper titled " Big Data - A Review" in International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.55 (2015).

Workshop Attended :

- Attended a three day Short Term Training Program on “Recent Trends in Artificial Intelligence for Big Data” from 7th August to 9th August 2015 at National Institute of Technology, Goa.

V. Usharani, Assistant Professor

Journal Publications:

- Published a paper titled “Optimized Feature Selection for Multi Modal Biometrics Using Palmprint and Palmvein” in the Journal of Pure And Applied Microbiology (JPAM), Aug. 2015. Vol. 9, p. 243-252.

Online Certificate Course :

- Pursued an online certification programme on “Introduction to databases and SQL Querying” provided by Udemy on 1st December 2015.

P. Samundeeswari, Assistant Professor

Journal Publications:

- Published a paper titled "Survey on Right-Protected Data Publishing with Provable Distance Based Mining" in IJARCSSE Volume 5 Issue 11 publishes in November-2015 .

Online Certificate Course :

- Pursued an online certification programme on “Security Awareness Campaigns (Lite)”, provided by Udemy on 1st December 2015

Extension Activity

Date	Event	Venue
25-01-2016	Plastic and its ill effects	Sangothipalayam, Tiruppur
28-12-2015	Organic Farming	Thekkalur, Tiruppur

Industrial Visit

Date	Company Visited	No. of Students Participated
23-09-2015	ISRO Satellite Centre, Bangalore	55