



# Dr. N.G.P. ARTS AND SCIENCE COLLEGE (Autonomous)

Re-accredited by NAAC with 'A' Grade | DST - FIST | DBT - Star College Scheme  
(An Institution of Kovai Medical Center Research & Educational Trust)  
(Affiliated to Bharathiar University, Coimbatore)

## Tech Bulletin - News Letter 2018 - 19

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## Faculty of Computer Science

### FACULTY OF COMPUTER SCIENCE

Faculty of Computer Science (CS,CA,IT,CT-PG and Research) has totally around 1600 students pursuing their degree in various departments in computer discipline. Each discipline is progressed with well qualified faculty members and fully equipped computer laboratories with high bandwidth Internet connection. The vision is to provide students with the best opportunities and environment for quality education with professional competencies for life and career skills. The mission is to provide extensive knowledge and enhance the students potentiality towards the challenging environment.

### INTERNATIONAL CONFERENCE

A two days International Conference was Organized by the Faculty of Computer Science on Research Trends in Computing Technologies (ICRTCT) on 9.08.2019 and 10.08.2019. Experts from International and National reputed academics and varied research institutes namely JNC, IITM, IISc, NCBS and Central University of Kerala had took part and presented papers on emerging topics.



Conference Proceeding Release International Conference  
on 10.08.2019



Lighting the lamp by  
Dr. D.P. Sharma, Professor & Scientist (IT), AMUIT, Geneva

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## INTERNATIONAL CONFERENCE

Resource Person	Topic
<b>Dr. D.P. Sharma</b> Professor and Scientist (IT) AMUIT, Geneva.	Internet of Things
<b>Prof. Dr. P. Shanmugavadivu</b> Head, Department of Computer Science The Gandhigram Rural Institute Dindigul.	Research Promises in Machine Learning
<b>Prof. Dr. V. Jeyabalaraja</b> Velammal College of Engineering and Technology, Chennai.	Chat-bots and AI in Technical Communication
<b>Dr. S.P. Shantharaja</b> Professor, School of Information Technology and Engineering, VIT University, Vellore.	Research focus on Creative Younger generation for Innovative India
<b>Prof. Dr. E.R. Naganathan</b> School of Computer Studies & Research, Symbiosis International University, Pune.	Identity Management
<b>Prof. M. Prathap</b> Wollo University, Ethiopia.	Applications of Simulation for Practical and Research Studies using Ns3
<b>Prof. Dr. K. Gridhar</b> Head / Department of Electrical Engineering, Indian Institute of Technology, Chennai.	Computing Over 5G Wireless Networks
<b>Dr. Vijender Kumar Solanki</b> Associate Professor Department of Computer Science CMR Institute of Technology Hyderabad.	IoT & Smart City - An Opportunity with Scientific Scope
<b>Dr. Pushparaghavan Annamalai</b> Professor, Bahir Dar University, Ethiopia.	Broadband Access Network Beyond 2020

## GUEST LECTURES / SEMINARS

### DEPARTMENT OF COMPUTER SCIENCE

Guest Lecture on Cyber Security by Ms.A.Dhivya Martina Mary, Software Engineer, Mazenet Solution (P) Ltd., Coimbatore on 12.06.2018.



Guest Lecture on Dot Net Framework by Mr.D.Vigensh, Dotnet Developer, Gateway Solutions on 12.07.2018.



Guest Lecture on Digital Marketing by Mr.Sujith Jayaprakash, Sr.Lecturer, Blue Crest University College GH. Ltd., Accra, Ghana on 13.07.2018.



Seminar on Pig & Hive by Mr. K.Boopathikumar, Team Leader - Web Development, Accent Technosoft, Coimbatore on 27.07.2018.



Guest Lecture on Transition Skills by Mr. Gunasekar Jagatheesan, Senior Associate Cognizant Technology Solutions, Chennai on 26.09.2018.



Seminar on Digital Awareness Program on Ethical Hacking and Cyber Security by Mr.Sankarraj Subramanian, PROMPT INFOTECH, Chennai on 28.02.2019.



Invited Lecture on Attitude Building by Dr.S.Mohanraj, Professor & Head, Department of Commerce with International Business on 15.02.2019.



Seminar on Machine Learning by Mrs.S.Revathi, Assistant Professor, Department of Computer Science on 06.3.2019.





Seminar on Big Data Analytics & R Programming by Mrs.V.Shobana, Assistant Professor, Department of Computer Science on 07.3.2019.



Seminar on Next Generation Cloud Computing by Mr.R.Vijay Anand, Assistant Professor, Department of Computer Science, on 07.3.2019.



#### DEPARTMENT OF COMPUTER APPLICATIONS

Guest Lecture on Internet of Things by S.Naveen, Senior Project Engineer, Pantech ProEd pvt. Ltd.Chennai on 12.07.2018.



Association Inauguration & Guest Lecture on Software Testing by Dr.P.G.Sapna, Head & Associate Professor, Department of Computer Applications, Coimbatore Institute of Technology, Coimbatore on 02.08.2018.



Guest Lecture on Financial Literacy by Dr.R.Chandrasekaran, Assistant Professor, Department of Commerce (Finance), on 22.02.2019.



Guest Lecture on Politics an Essentiality for life by Dr.J.Renga Ramanujam, Head, Department of Microbiology on 01.03.2019.



Guest Lecture on Entrepreneurial talk by Dr.V.Abirami, Professor, Department of Management, on 04.03.2019.



Seminar on LaTeX by Mrs.A.Nirmala, Assistant Professor, Department of Computer Applications on 04.03.2019.



Seminar on Stress Management by Mr.S. Poorana Senthilkumar, Assistant professor, Department of Computer Applications, on 04.03.2019.



Guest lecture on “அறம் பேசி பழகு” by Dr.N.Kuppuchamy, Head, Department of Tamil on 06.03.2019.



#### DEPARTMENT OF COMPUTER TECHNOLOGY

Guest Lecture on Cloud Computing by Mr. Ravi Palanisamy, Principal Architect - Cloud Practice, Wipro, Bengaluru on 05.07.2018.



Guest Lecture on Trends and Techniques in IoT by Mr. S. M. Nathan, Android Developer, Accent Techno Soft (ATS), Coimbatore on 18.07.2018.



Guest Lecture on Recent Trends and Opportunities in IT by Dr.T.Thiruvenkadam, Assistant Professor, Department of Information Technology, College of Engineering and Technology, Adigrat University, Ethiopia on 07.09.2018.



#### DEPARTMENT OF INFORMATION TECHNOLOGY

Invited Talk on Lateral Thinking with Adult Students By Dr. R. Rajendra Kumar, Assoc. Professor, Dept. of MBA, Dr. N.G.P.IT on 09.07.2018.



Guest Lecture on Cloud Computing and Real Time Cloud Tools by Mr. K. Raj Kumar, Project Developer, Techmindz, Coimbatore, on 27.07.2018



Guest Lecture on Dot Net Technologies by Mr. D. Vignesh, Software Developer, Gateway Software Solutions, Coimbatore, on 28.07.2018.





Guest Lecture on Employment on the Core by Mr.S.Venkataramanan, Co-founder of Swiftterz Creative Services, Coimbatore on 31.08.2018.



Seminar on Internet of Things by Dr. V. Vinodhini, Assoc. Professor, Dept. of IT, on 22.02.2019 Dr. NGPASC.



#### **EXTENSION ACTIVITY / OUTREACH PROGRAMME**

##### **DEPARTMENT OF COMPUTER SCIENCE**

Extension Activity at Panchayat Union Middle School, M.Koundampalayam, Coimbatore on 24.08.2018.



##### **DEPARTMENT OF COMPUTER APPLICATIONS**

Extension Activity on A Bright Future by preventing plastics at Kurumbapalayam village on 11.01.2019.



Extension Activity on Learning through Digital Media at Govt Boys Higher Secondary School, Thadagam Village, Coimbatore on 28.01.2019.



Extension Activity on Awareness on Mobile/ Net Banking at Sengeri Village, Pollachi on 28.02.2019.



##### **DEPARTMENT OF COMPUTER TECHNOLOGY**

Extension Activity on Awareness on Agriculture Applications at Kaikolapalayam, Coimbatore on 14.02.2019.



Extension Activity on Awareness on Defects of using Plastics in Daily Life at Andakkapalayam and Vellanaipatti, Coimbatore on 15.02.2019.



## DEPARTMENT OF INFORMATION TECHNOLOGY

Out Reach Programme on Cyber Women - A Digital Self Defense Tips at Appanaickenpalayam Village, Coimbatore on 03.01.2019.



## INTER DEPARTMENTAL / INTRA DEPARTMENTAL EVENT

### DEPARTMENT OF COMPUTER SCIENCE

Inter Departmental Event ICONSOFT 2019 on 01.03.2019.



Aptitude Training Programme by Mr.K.Sathish, Founder, Explore Academy, Coimbatore on 31.01.2019 & 01.02.2019.

### DEPARTMENT OF COMPUTER APPLICATIONS

Intra Departmental Meet on 10.09.2018.



## ALUMNI INTERACTION / PLACEMENT READINESS PROGRAMME

### DEPARTMENT OF COMPUTER APPLICATIONS

Alumni Interaction and Placement Readiness Programme on How to Prepare for interview by Ms.M.R.Nandhini, Wipro Technologies, Bangalore on 11.01.2019.



Career Guidance by Mr.Gowrishankar Radhakrishnan, Associate Analyst, Deloitte, Hyderabad on 01.03.2019.



## DEPARTMENT OF COMPUTER SCIENCE

Alumni Interaction on Career Opportunities by Mr.M.Antony Rufus, Programmer, Mandy Technologies Pvt.,Ltd., SITRA, Coimbatore on 01.09.2018.



Alumni Interaction on Employment Opportunities in IT Sector”, by Mr.K.Karthick, Junior Assistant, Aspire Systems, Chennai on 29.12.2018.



## DEPARTMENT OF INFORMATION TECHNOLOGY

Alumni Interaction with Ms.Sanali, Software Developer, Wipro Technologies, Bangalore on 22.02.2019.



## WORKSHOP

### DEPARTMENT OF COMPUTER SCIENCE

Workshop on Big Data Analytics - Hadoop Environment by Mr. Vignesh Manikandan, Big Data Expert, Open Source Academy, Coimbatore on 05.07.2018.



Workshop on INNER ENGINEERING by the resource person Dr. Malathi Arunachalam, Assistant Professor, Government Arts College, Coimbatore on 26.07.2018.



Workshop on Networking with JAVA by Mr.E.Jeevanandham, Software Engineer, Accent Techno Soft, Coimbatore on 08.09.2018.



## DEPARTMENT OF COMPUTER APPLICATIONS

Workshop on Dot Net Framework by Mr.S.Dineshkumar, Assistant Professor, Department of Commerce IT, on 28.02.2019.



Workshop on PC Assembly by Mr.M.Kannan, Assistant Professor, Department of Computer Technology, on 01.03.2019.





Workshop on Introduction to Python Programming by Mrs.K.Gomathy , Assistant Professor, Department of Computer Applications, Dr. N.G.P. Arts and Science College on 05.03.2019.



Workshop on Selenium Testing tool by P.Dineshkumar, Assistant Professor, Department of Computer Applications, on 06.03.2019.



## FACULTY ACHIEVEMENTS

### BOOK PUBLICATION

Dr.A.Muthusamy , D.Maheshwari and D.Rajagopal published a book on “.Net Core for C# Beginners,” Chess India Publication, 2019.

### DEPARTMENT OF COMPUTER TECHNOLOGY

DBT Sponsored a two days National Workshop on Data Analytics and its Applications in Biotechnology on 14.02.2019 and 15.02.2019.



## BEST DEPARTMENT AWARD

Department of Computer Science received Best Department Award for the Academic Year 2018-2019.



## FUNDS RECEIVED

Dr. A.Muthusamy has received DBT-CTEP funding of amount Rs.75,000/- for organizing National Workshop on Data Analytics and its Application in Biotechnology from 14.02.2019 to 15.02.2019.

Dr. A.Muthusamy has completed and received amount of Rs.10,000/- from Suriyan Agency, Coimbatore for a consultant project of Billing Software, June 2018.

Dr. A.Muthusamy has completed unpaid consultancy work of Admission in Single Window System, M.V.Muthiah Government Arts College For Women, Dindigul, May 2018.

## PLACEMENT DETAILS

S.No.	Name of the Department	Offers Received
1.	Department of Computer Applications	139
2.	Department of Computer Science	154
3.	Department of Computer Technology	109
4.	Department of Information Technology	142

## WORKSHOP DETAILS

Resource Persons	Title of the Presenter
<b>Dr. Shandar Ahmad</b> Professor, School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Mehruuli Road, New Delhi.	Doing Biology with Data Analytics and Machine Learning.
<b>Dr. Athi N Naganathan</b> Assistant Professor, BT 115, Block II, Department of Biotechnology Indian Institute of Technology Madras (IITM), Chennai.	Folding Pathway Heterogeneity in Proteins: Compressing a Multi Dimensional Landscape in to two Dimensions.
<b>Dr. Ranjith Kumavath</b> Associate Professor, Department of Biotechnology Central University of Kerala Kasargaud, Kerala.	High throughput Metagenomics Data reveals the prevalence of ARGs and HMRGs in Mangrove Ecosystem.
<b>Dr. R. Sowdhamini</b> Professor, National Centre for Cell Sciences, Bellary Road, Bangalore.	Searching for Sequence Homologues in the Protein Sequence Space using Computational Algorithms
<b>Dr. N. Srinivasan</b> Professor, Department of Molecular Biophysics, Indian Institute of Science Bangalore, Karnataka.	Bridging the Islands of Protein Families in Sequence Space using Artificial Sequences.

## FACULTY AWARD / STAFF ACHIEVEMENTS

S.No	Staff Name	Date	Award Name	Institution
1	Dr. A. Muthusamy	05.09.2018	Perasiriya Rathna Award	Kaviyarasar Kalai Tamil sangam
2.	Dr. R. Rajeswari	28.10.2018	Dr. Sarvepalli Radhakrishnan Life Time Achievement National Award	IRDP Group of Journals
3	Dr. R. Rajeshkanna	04.02.2019	Best Faculty Award	Vivekananda College of Arts and Science for Women
4.	Dr. R. Rajeswari	27.02.2019 and 28.02.2019	Best Paper Award	St.Peter's Institute of Higher Education and Research
5.	M. Rathi	02.07.2018	SET Completed	Mother Teresa Women's University



## NOTES

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