



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

An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore  
Approved by Government of Tamil Nadu & Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)

DST-FIST DBT-Star College Scheme  
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.

### Department Activities:

#### 1. Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1	05-Jul-18	Mr. Ravi Palanisamy Principal Architect - Cloud Practice, Wipro, Bengaluru	Cloud Computing	East Seminar Hall	I, II and III UG Students
2	18-Jul-18	Mr. S.M. Nathan Android Developer, Accent Techno Soft (ATS), Coimbatore	Trends and Techniques in IoT	Kambar Arangam	II and III UG Students
4	07-Sep-18	Recent Trends and Opportunities in IT	Dr. T. Thiruvankadam, Department of Information Technology, College of Engineering and Technology, Adigrat University, Ethiopia	Seminar Hall 6	II and III UG Students
7	30-Jan-19	Recent Trends on Internet of Things	Mr. Padmanabhan Srinivasan  Chief Executive	UG Seminar Hall	III UG Students

			Officer, Easy Design Systems Private Limited &Twirltact Technology Solutions Pvt Ltd, Coimbatore		
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## 2. Seminar /Workshop Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/Workshop )	Number of External Participants	Title of the Event	Name & Designation of the Speakers	Name & Affiliation Chair & Co-chair	Funding Agency	Total Funding
1	09- Aug- 18 and 10- Aug- 18	Conference	External Participants : 75	International Conference on Research Trends in Computing Technologies (ICRTCT- 18)	Prof. Dr. D. P. Sharma, Scientist(IT), AMUIT, Geneva	-	-	-
					Prof. Dr. Saravanan Venkataraman  Department of Computer Science,			

					Majmaah University, UAE			
					Prof. Dr. P. Shanmugavadi vu  Head, Department of Computer Science,  The Gandhigram Rural Institute, Dindigul, Tamil Nadu, India.			
					Prof. Dr. V. Jeyabalraja  Velammal College of Engineering and Technology, Chennai			
					Dr. S.P. Shantharaja  Professor, School of			

					Information Technology and Engineering  VIT University, Vellore			
					Prof. Dr. E.R. Naganathan  School of Computer Studies & Research,  Symbiosis International University, Pune, India.			
					Prof. M. Prathap  Wollo University, Ethiopia.			
					Prof. Dr. K. Gridhar  Head / Department of			

					Electrical Engineering,  Indian Institute of Technology, Chennai.			
					Dr. Vijender Kumar Solanki  Department of Computer Science,  CMR Institute of Technology, Hyderabad, India.			
					Prof. Dr. Pushparaghavan Annamalai  , Bahir Dar University, Ethiopia			
2	7-Sep-18	Workshop	-	Andriod App Development	Ms. M. Mansura Begam and  S.	-	-	-

					Alageswari, Software Engineers, Manfree Technologies , Coimbatore			
3	14- Feb- 19 and 15- Feb- 19	Workshop	-	National Workshop on Data Analytics and its Applications in Biotechnolog y	Dr. Shandar Ahmad JNU, New Delhi Dr. Athi N. Naganathan Indian Institute of Technology Madras (IITM), Chennai Dr. N. Srinivasan Indian Institute of Science, Bangalore Dr. R. Sowdhamini National Centre for Cell Sciences, Bangalore	-	-	-

					Dr. Ranjith Kumavath Central University of Kerala, Kasargod, Kerala			
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### 3. Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	14-Feb-19	Awareness on Agriculture applications	Kaikolapalayam	II UG Students
2	15-Feb-19	Awareness on defects of using plastic in daily life”	Andakkapalayam and Vellanaipatti	III UG Students

### 4. Awards and Prizes for Staff

S. No.	Name of the Staff	Name of the Award	Awarded by	Cash Prize (If any)
1.	Dr. A. Muthuswamy	Professor Ratna Award -18	Kaviyarasar Kalai Tamil Sangam	-
2.	Dr. R. Rajeswari	Dr. Sarvepalli Radhakrishnan Life Time Achievement Award	IRDP Group of Journals	-

### 5. Staff Recognitions:

S. No.	Name of the Staff	Acted As	Name of the Programme	Date	Venue
1	Dr. A. Muthusamy	-	Perasiriya Rathna Award	05-Sep-18	Kaviyarasar Kalai

					Tamil sangam
2	Dr. R. Rajeswari	-	Dr. Sarvepalli Radhakrishnan Life Time Achievement National Award	28-Oct-18	IRDP Group of Journals
3	Dr. R. Rajeswari	-	Best Paper Award	27-Feb-19 and 28-Feb-19	St.Peter's Institute of Higher Education and Research
4	M. Rathi	-	SET Completed	02-Jul-18	Mother Teresa Women's University

#### 6. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1.	22-Oct-18 to 26-Oct-18	Mrs.V.Manimekalai	UGC-Sponsored Workshop on MOOCs, e-content Development and Open Education Resources	Bharathiar University, Coimbatore.
2.	10-Sep-18	Dr. A. Muthuswamy	National Conference on Recent Trends in Computing Technologies	PSGR Krishnammal College for Women
3.	06-Sep-18 and 07-Sep-18	Mrs. R.S. Padma Priya and M. Rathi	National Workshop on Statistical Analysis using R	Bharathiar University, Coimbatore.

#### 7. Students Presentation

S.no	Date	Name of the student	Name of the event	Name of the title	College
1	19-Sep-18	K. Pranav Shailesh	Paper Presentation	Internet of Things	Sri Ramalinga Sowdambigai College of Science and Commerce



### 8. Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/SSCI/Scopus
1.	Mrs. M. Rathi	Biometric Authentication technique :A review	International Journal of Scientific Research in Computer Science Applications and Management Studies	Volume 7, Issue 5 (September 2018)	-	UGC
2.	Mr. M. Kannan	An efficient distributed channel allocation algorithm for Spectrum sensing to avoid interference in cognitive radio Networks	International Journal of Pure and Applied Mathematics	Volume 119 No. 18 2018,	-	Scopus
3.	Mr. M. Kannan	An Effective Fuzzy Antcolony Optimization Based Cognitive Routing Algorithm for Improvement of Efficient Routing In Cognitive Radio Networks	International Journal of Scientific Research in Computer Science Applications and Management Studies	Volume 7, Issue 4 (July 2018)	-	UGC
4.	Mr. M. Kannan	Optimized Random Forest Techniques To Improve The Resource Allocation Scheme In Cognitive Radio Networks	Journal of Advanced Research in Dynamical & Control Systems	Vol. 11, 02-Special Issue, 2018	-	Scopus

5.	Mrs. V. Manimekalai	A Survey on Cross - Domain Opinion Mining	International Journal of Computer Sciences and Engineering	Vol.-6, Issue-10, Oct 2018	-	UGC
6.	Dr. A. Muthusamy	Issues and Challenges in vehicular Adhoc networks using wireless technology	International Journal of Scientific Research in Computer Science Applications and Management Studies	Volume 7, Issue 5 (September 2018)	-	UGC
7.	Mrs. M. Rathi	Exploration of keystroke dynamics based authentication on fixed text and on Free text	International Journal of Computer Science and Engineering.	Vol.7, Issue1, Pp.807-812. Jan 2019. ISSN:2347-2693	-	UGC
8.	Dr. P. Iswarya and D. Maheswari	Paddy leaf disease Identification and Classification System	International Journal of Computer Science and Engineering	Vol.7.,Issue 5, May 2019	-	UGC
9.	Dr. R. Rajeswari and Mrs. R.S. Padmapriya	Detection of Autism Spectrum disorder with Machine learning classification using Firefly Algorithm.	International Journal of Computer Science and Engineering	Vol.7.,Issue 5, May 2019	-	UGC
10.	Mr. M. Kannan	Modified Random Forest Algorithm to Improve the Resource Allocation Performance in Cognitive Radio Networks	Conference Proceedings ICRTCT-18	Dr.N.G.P Arts and science college, Coimbatore	-	UGC
11.	Dr. P. Iswarya	A Study on Cognitive	Conference Proceedings	Dr.N.G.P Arts and science college,	-	UGC

		Computing	ICRTCT-18	Coimbatore		
12.	Dr. P. Iswarya	A Study on Tamil Speech Recognition System	Conference Proceedings ICRTCT-18	Dr.N.G.P Arts and science college, Coimbatore	-	UGC
13.	Dr. R. Rajeswari	Rheumatoid Arthritis Detection Using Hybrid Artificial Bee Colony Of Fuzzy	Conference Proceedings ICCCBDA-18	St.Peter's Institute of Higher Education and Research, Chennai.	-	UGC

### 9. Research Funding

S. No.	Name of the Faculty	Name of the project / scheme	Sanction No. and Date	Funding body	Amount
1	Dr. A. Muthusamy	DBT Sponsored National Workshop on Data Analytics and its Applications in Biotechnology February 14 – 15, 2019	DBT/CTEP/01/20181 047956 & 22-10-18.	DBT	Rs.75,000/-

### 10. Students Participation

S. No.	Date	Name of the Student	Event	College	Inter Collegiate / Inter Departmental	Prizes won
1.	15-Aug-18	Lalith Kumar. J Manoj. P Logesh. A Mathiarasu. P Monisha. P Subiksha. B JayaSubha. K Sureka. T	Independence Day Celebration - Group dance	Dr. N.G.P. Arts and Science College	Inter Department	III

2.	15-Aug-18	Tharanraj. P.K.	Independence Day Celebration - Solo Dance	Dr. N.G.P. Arts and Science College	Inter Department	III
3.	15-Aug-18	JayaSubha	Independence Day Celebration - Singing	Dr. N.G.P. Arts and Science College	Inter Department	I
4	19-Sep-18	P. Bharath Vaj	Keyboard Chaser	Sri Ramalinga Sowdambigai College of Science and Commerce	Inter Collegiate	I
6	07-Sep-18	K. Arthi P. Swetha	Quiz	SNS Engineering College	Inter Collegiate	II
7	07-Sep-18	Aravind Dinesh Sriram	MOC CAD	SNS Engineering College	Inter Collegiate	I
8	26-Sep-18	M. Soundher A. Vignesh R. Deepak Raj J. Pradeep Kumar S.V. Vigneshwaran	Short Film	Sasurie college of Arts and Science.	Inter Collegiate	I
9	26-Sep-18	A. Kartheeka K. Nandhini	Wealth from Waste	Sasurie College of Arts and Science.	Inter Collegiate	I
10	26-Sep-18	V.I. Siddhartha J. Pradeep kumar	Quiz	Sasurie college of Arts and Science	Inter Collegiate	II
11	07-Sep-18	Dinesh.M and Aravindhu.R	Mock-CID	SNS College of Arts and Science	Inter Collegiate	I

12	07-Sep-18	Swetha.P and Arthi.K	Quiz	SNS College of Arts and Science	Inter Collegiate	II
13	13-Oct-18	V.I. Siddhartha	Quiz and Auction	PSG College of Technology	Inter Collegiate	I
14	19-Dec-18	Kalimuthu	Tamil Kavithai	Dr. N.G.P. Arts and Science College - NGP Fest 18	Inter Department	III
15	19-Dec-18	Pranesh. U	Quiz	Dr. N.G.P. Arts and Science College - NGP Fest 18	Inter Department	I
16	19-Dec-18	Gowri shankari. S	Poster Designing	Dr. N.G.P. Arts and Science College - NGP Fest 18	Inter Department	II
17	19-Dec-18	Rajeswari S	Vegetable and Fruit Carving	Dr. N.G.P. Arts and Science College - NGP Fest 18	Inter Department	II
18	19-Dec-18	Gayathri M, Theneshaa K	Pebble Craft and Shell Craft	Dr. N.G.P. Arts and Science College - NGP Fest 18	Inter Department	I
19	19-Dec-18	Poovarsan	Solo Dance	Dr. N.G.P. Arts and Science College - NGP Fest 18	Inter Department	III
20	19-Dec-18	Sakthi Vignesh Poovarsan Dhanush N S Dhatshyani A Bharath K	Group Dance	Dr. N.G.P. Arts and Science College - NGP Fest 18	Inter Department	I

		Lalith Kumar. J Logesh. A Mathiarasu. S Jayasubha Surekha				
21	23-Jan-19 & 24-Jan-19	Kartheeka A.K. Nandhini	Art Form Waste	Nandha Arts and Science College	Inter Collegiate	II
22	2-Feb-19	K. Keerthana M. Mohana priya	Word Hunt	Pioneer College of Arts and Science	Inter Collegiate	I
23	2-Feb-19	Kartheeka A. K. Nandhini	Best out of Waste	Pioneer College of Arts and Science	Inter Collegiate	II
24	2-Feb-19	Preethi. R Dharani. R	Mehandhi	Pioneer College of Arts and Science	Inter Collegiate	I
25	6-Feb-19	B. Selvaraj S. Vimal Kumar	Debugging	Sankara College of Arts and Science	Intercollegiate technical Symposium	I
26	6-Feb-19	S. Yogesh R. Ruthramoorthy	Power Point Presentation	Sankara College of Arts and Science	Intercollegiate technical Symposium	II
27	6-Feb-19	G. Issac kingslin	Gaming	Sankara College of Arts and Science	Intercollegiate technical Symposium	II
28	06-Feb-19	A. Logesh	variety entertainment	Kaamadhenu College of Arts and Science	Intercollegiate Meet	II

29	9-Jan-19	R. Sakthi Vignesh R. Poovarasan N.S. Dhanush K. Bharath D. Sourav Krishnan A. Dhatshayani S. Mathiyarasu T. Sureka K. Jayasubha	Group Dance	Rathinam College of Arts and Science	Inter Collegiate- MAAYA'19	I
30	25-Jan-19	R. Sakthi Vignesh R. Poovarasan N.S. Dhanush K. Bharath D. Sourav Krishnan A. Dhatshayani S. Mathiyarasu T. Sureka K. Jayasubha	Group Dance	Amrita School of business	Inter Collegiate- PRAGATI' 19	II
31	24-Jan-19	S.Manimaran	Fashion Show	Nandha College of Engineering	Inter Collegiate	III
32	8-Mar-19	Sounder. M Vignesh. A Pradeepkumar. J	Short Film	Janson School of Business	Inter Collegiate	II
33	18-Mar19	J. Pradeepkumar V. I . Siddhartha	Short Film	Dept of Commerce IT, Dr. N.G.P. Arts and Science College	Inter Department Meet	II