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

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2nd Cycle)
DST – FIST | DBT – Star College Scheme
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Department Activities (2017-2018)

1. Guest Lecture-Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1.	19-Sep-17	Mr.B. Krishnakumar, Managing Director, New Technology, Coimbatore	Mobile Service Training	Lab-IV	III UG
2.	17-Jul-17	Dr. S. Muruganandam, Associate Professor, Department of BBA (CA), Dr. N.G.P. Arts and Science College (Autonomous)	How To Win Competitive Exams	Class Room	III UG
3.	11-Jul-17	Dr. K. Vanitha Associate Professor Department of Computer Science Dr.G.R. Damodaran College of Science (Autonomous) Coimbatore-18.	A Technological Lead To Internet of Things	UG Conference Hall	III UG
4.	6-Jul-17	Goutham Kumar Shanmugan Technical Head, Accent Techno Soft, Coimbatore.	Big Data Using Hadoop	UG Conference Hall	II UG,III UG

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.	30-Aug-17	Workshop	-	Application Development Using Android	Mr. S.P. Nathan, Android Developer Accent Techno Soft Coimbatore	-	-	-
2.	21-Aug-17	Seminar	-	Application Development Using Android	Mr. A. Velladhurai Software Developer Android team UniqTechnologies Chennai	-	-	-

3. Other Activities

S. No.	Date	Name and Designation of the Resource Person	Topic	Type of Event	Venue	Beneficiary
1.	21-Sep-17	-	ICONSOFT 2017	ICONSOFT2017 - Inter Department Meet	UG Conference Hall	Intra Departmental Students
2.	27-Jul-17	-	Student Development Program	TECH EXPO	UG Conference Hall	I,II,III UG
3.	20-Jul-17	Ms. R. Sivagami, National Yoga Champion	Life Skills with Yoga	YOGA	UG Conference Hall	II UG

| 4. | 19-Jun-17 | Mr. K. Subramanian, Yoga Trainer, Dr. N.G.P. Institute of Technology.

Mr. M. Dineshwaran, Assistant Professor, Department of Tamil, Dr. N.G.P. Arts & Science College.

Dr. S. Balasubramanian, Professor & Head, Department of Biochemistry, Dr. N.G.P. Arts & Science College.

Mr. R. Rukmathan, Assistant Professor, Department of Management Studies, Dr. N.G.P. Arts & Science College. | Orientation Programme | Orientation Programme | UG Conference Hall | I UG |

4. Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	26-Sep-17	Extension Activity - Community Services. Mobile awareness program.	Veeriyampalayam village, Coimbatore.	10 students from I, II and III year

4. Awards and Prizes for Staff

S. No.	Name of the Staff	Name of the Award	Awarded by	Cash Prize (If any)	Date
1.	Dr. B. Rosiline Jeetha	Real Heroes Award in Education	Youth Foundation	-	June 2017

5. Staff Recognitions:

S. No.	Name of the Staff	Acted As	Name of the Programme	Date	Venue
1.	Dr.K.Kumaravel	Keynote Speaker	National Conference on Internet of Things	23-Feb-18	Vasavi College, Erode
2.	Dr. V. Usharani	Guest Lecture	Association Event	29-Jul-17	Sree Saraswathi Thiyagaraja College, Pollachi.

6. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop-FDP-Training Programme	College
1.	8-Feb-18 to 10-Feb-18	P. Usha	National level workshop on Big Data Analytics Using Hadoop	PSGR Krishnammal College for Women, Coimbatore.
2.	8-Feb-18 to 10-Feb-18	S. Saranya	National level workshop on Big Data Analytics Using Hadoop	PSGR Krishnammal College for Women, Coimbatore.
3.	22- Jan-18 to 23-Jan-18	S. Maheshwari	Predictive Analytics of Environmental Changes in Remote Sensing	PSGR Krishnammal College For Women, Coimbatore.
4.	19-Jan -18	Dr. V. Usharani	National Level Faculty Development Programme on Big Data & Analytics-Transitions and Tools	Dr. G.R. Damodaran College of Science, Coimbatore

5.	19-Jan -18	P. Usha	National Level Faculty Development Programme on Big Data & Analytics-Transitions and Tools	Dr. G.R. Damodaran College of Science, Coimbatore
6.	19-Jan -18	S. Saranya	National Level Faculty Development Programme on Big Data & Analytics-Transitions and Tools	Dr. G.R. Damodaran College of Science, Coimbatore
7.	19-Jan -18	V. Shobana	National Level Faculty Development Programme on Big Data & Analytics-Transitions and Tools	Dr. G.R. Damodaran College of Science, Coimbatore
8.	14-Sep-17 to 12-Oct-17	M. Savithri	Two Week Approved FDP on Pedagogy for Online and Blended Teaching-Learning Process	Online and Aview interaction at PSG Tech, Coimbatore
9.	12-Oct-17	C. Karpagam	Introduction to R Software	NPTEL
10.	26-Sep-17 to 27-Sep-17	P. Usha	Science Academies Lecture Workshop on Healthcare Analytics	Dr. N.G.P. Institute of Technology, Coimbatore
11.	26-Sep-17 to 27-Sep-17	S. Saranya	Science Academies Lecture Workshop on Healthcare Analytics	Dr. N.G.P. Institute of Technology, Coimbatore
12.	23-Sep-17 to 24-Sep-17	M. Savithri	Innovative Research in Pedagogy for Mini-MOOCs blended with instruction Strategies to Enhance Quality of Higher Education	Amirta University, Coimbatore.
13.	11-Sep-17 to 17-Sep-17.	C. Karpagam	Data Science and Big Data Analytics	IIT, Guwahati & E&ICT Academy
14.	3-Aug-17 to 13-Sep-17	M. Savithri	Two Week AICTE Approved FDP on Foundation Program in ICT for Education	Online and Aview interaction at PSG Tech, Coimbatore
15.	24-Aug-17	P. Usha	Applications and Challenges in Data Mining	Bharathidasan College of Arts and Science, Erode.

16.	24-Aug-17	S. Saranya	Applications and Challenges in Data Mining	Bharathidasan College of Arts and Science, Erode
17.	24-Aug-17	V. Shobana	Applications and Challenges in Data Mining	Bharathidasan College of Arts and Science, Erode
18.	23 -Aug-17	Dr. V. Jaiganesh	ICT Academy Youth Leadership Summit	Codissia Trade Fair Complex, Coimbatore.
19.	31-Jul-17	Dr. V. Usharani	MATLAB for Solving Research Problems	Dr. N.G.P. Arts and Science College, Coimbatore
20.	31-Jul-17	S. Maheshwari	MATLAB for Solving Research Problems	Dr.N.G.P Arts and Science College, Coimbatore
21.	14-Jul-17 to 15-Jul-17	N. Kumar	Data Analytics using R Software	Bannari Amman Institute of Technology, Sathy.
22.	14-Jul-17 to 15-Jul-17.	C. Karpagam	Data Analytics using R–Software	Bannari Amman Institute of Technology, Sathy
23.	10-Jul- 17 to 11-Jul- 17.	M. Savithri	Internet Of Things (IOT)	Bharathiar University, Coimbatore.
24.	15–Jun-17 to 16-Jun-17	C. Karpagam	Salesforce Trailhead	PSG Institute of Technology and Applied Research, Coimbatore

7. **Staff Presentation**

S. No.	Date	Name of the Faculty	Name of the Conference	Name of the title	College
1.	22-Mar-18	Dr.K.Kumaravel	National Conference on Mathematical Sciences and its Applications NCMSA 2018	An Efficient Multipath Routing Algorithm based on Hybrid Artificial	Thiruvalluvar University College of Arts & Science, Tirupattur

				Bee Colony Algorithm for Wireless Mesh Networks	
2.	28-Feb-18	Dr.K.Kumaravel	Developing Advanced Research & Computer Technology (ICDARCT'18)	A Study on Optimization Routing Algorithm to increase QOS in Wireless Mesh Networks	KSG College of Arts & Science, Coimbatore
3.	28-Jan-18 to 29-Jan- 18	Dr. V. Jaiganesh	International conference on electrical, electronics, computers, communication, mechanical and computing (EECCMC),	A recommender system for Predicting Academic Performance using Classification Algorithm	Priyadarshini Engineering College, Vellore.
4.	24-Jan-18 to 25-Jan- 18	Dr. B. Rosiline Jeetha	National Conference on Innovative Trends in Computational Technologies	Recent Advances in Cognitive Radio and its Communication	Muthayammal College of Arts and Science, Rasipuram.
5.	14-Dec-2017 to 15-Dec-2017	C. Karpagam	International Conference on Recent Advancements in Information Technology, Science & Engineering (ICRAITSE – 17)	Comparison of K-Means and KNN Algorithm in Data Mining	A.P.C. Mahalakshmi College for Women, Thoothukudi.

6.	14-Dec-2017 to 15-Dec-2017	V.Shobana	International Conference on Recent Advancements in Information Technology, Science & Engineering (ICRAITSE – 17)	Application of Classification Algorithms for disease diagnosis using big data analytics	A.P.C. Mahalakshmi College for Women, Thoothukudi.
7.	14-Dec-2017 to 15-Dec-2017	Dr. V. Usharani	Recent Advancements in Information Technology, Science & Engineering	A Study on Pattern Recognition of Tumor Images in Medical Image Analysis	A.P.C. Mahalakshmi College for Women, Thoothukudi.
8.	12-Oct-17	Dr. V. Jaiganesh	International Conference on Next Generation Computing Technologies	Clustering Technique to Boost Text Classification	Dr.N.G.P. Institute of Technology, Coimbatore.
9.	06-Aug-17	V.Shobana	6th International Conference on Research Trends In Engineering, Applied Science and Management(ICRTESM-2017)	A Literature Survey on Recommender System Algorithms and its applications in Health Care using Big Data Analytics	Institution of Electronics and Telecommunication Engineers, Benguluru.
10.	16-Jul-17	S. Revathi	International Conference on Engineering Technology Science and Management Innovation	A Survey on Anonymization and Randomization based privacy Preserving Data Mining Algorithms	IETE, Delhi

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.	V. Shobana	Application Of Classification Algorithms For Disease Diagnosis Using Big Data Analytics	International Journal Of Engineering Research In Computer Science And Engineering	Volume 4, Issue 12, pp.235 to 239 ,December 2017, ISSN (Online) 2394-2320	3.216	Indexed in UGC
2.	Dr. V. Jaiganesh	Improved Genetic Algorithm Based Feature Selection Strategy Based Five Layered Artificial Neural Network Classifier	International Journal of Engineering and Techniques	Volume 3 Issue 5, Sep - Oct 2017	2.12	Indexed in UGC
3.	S. Maheshwari	Improved Region Of Interest (I-Roi) Base Segmentation For Contrast Enhancement In Satellite Images	International Journal Of Applied Engineering Research	Vol.13 No. 1, January 18, ISSN: 0973-4562		Indexed in UGC
4.	S. Revathi	A Survey on Anonymisation and Randomization Based Privacy Preserving Data Mining Algorithms	International Journal of Innovation and Advancement in Computer Science	Vol. 6, Issue. 7, July 2017, ISSN: 2347-8616	4.405	Indexed in UGC
5.	Dr. V. Usharani	A Study On Pattern Recognition Of Tumor Images In Medical Image Analysis	International Journal Of Engineering Research In Computer Science And Engineering	Vol. 4 Issue 12 , pp.308-310, Dec 2017	3.216	Indexed in UGC
6.	C. Karpagam	The Collective Spatial Keyword Query Processing Based on User Preferences	International Journal of Advanced Research in Computer Science	Vol. 4 Issue 12 , December 2017,	3.216	Indexed in UGC

				ISSN: 0976-5697		
7.	M.Savithri	Survey On Security Issues And Challenges In Cloud Computing	International Journal Of Scientific Research In Computer Science, Engineering And Information Technology	Vol. 3 No. 2, pp. 195-201, February 18, ISSN: 2456-3307	1.638	Indexed in UGC
8.	M.Savithri	Energy-Based Efficient Authenticated Routing Protocol For Manets For Ddos Attacks With Minimized Power Consumption	International Journal Of Networking And Virtual Organisations	Vol. 19 No.2/3/4, pp. 1-16, 18, ISSN (Online): 1741-5225, ISSN(Print): 1470-9503	1.76	Indexed in SCOPUS
9.	K. G. Nandha Kumar	Perspectives on educational data mining: A study	Man In India	Vol 97, Issue. 4, Feb-17	3	Scopus
10.	Dr.K.Kumaravel	Analysis Study of Wireless Technology and its Communication StandardsUsing IEEE 802.11	International Journal of Advanced Research in Science , Engineering and Technology	Vol 4,Issue 6, Jun 17	4.346	Google Scholar
11.	Dr. K. Kumaravel	An Routing Algorithm in Wireless Sensor Network using Cluster Tree Topology	RA Journal of Applied Research	Vol 3, Issue 11, Nov 17	2.78	COPERNIC US
12.	K. G. Nandha Kumar	Analysis of liver and diabetes datasets by using unsupervised two-phase neural network techniques	Biomedical Research - India	Vol 27,	0.219	SCIE, Scopus

13.	Dr. K. Kumaravel	Performance Study on Multipath Routing Algorithm using Temporarily Ordered Routing Algorithm (TORA) using Link-Reversal in Wireless Networks	International Journal of Trend in Scientific Research and Development(IJTSRD)	Vol 2. Issue 1, Dec 17	-	COPERNIC US
14.	Dr. K. Kumaravel	A Novel Hybrid Routing Algorithm for Efficient Routing in Wireless Mesh Networks using Swarm Intelligence	International Journal of Networking and Communication (IJCNE)	Vol 10.No.10 Feb-18	3.17	-
15.	N. Kumar	A Personalized Recommendation Engine For Prediction Of Disorders Using Big Data Analytics	IEEE International Conference On Innovations In Green Energy And Healthcare Technologies	Special Issue, pp.1-Nov 2017	3.2	Indexed SCOPUS
16.	Dr. V. Jaiganesh	Improved Prediction strategy Using Particle Swarm Optimization Based ANN Classifier for Malicious Node Detection for Hybrid P2P Networks	International Journal of Artificial Intelligence in Computer Science,	Jan-Feb 18.	1.36	Indexed in UGC
17.	Dr. V.Jaiganesh	A Survey on Academic Progression of Students in Tertiary Education using Classification Algorithms	International Journal of Engineering, Technology, Science and Research	ISSN 2394 – 3386 Volume 5, Issue 2, February 18.	2.12	Indexed in UGC
18.	V. Shobana	A Personalized Recommendation Engine For Prediction Of Disorders Using Big Data Analytics	IEEE International Conference On Innovations In Green Energy And Healthcare Technologies	IEEE Digital Library, November 2017	3.2	Indexed in SCOPUS

19.	V. Shobana	A Literature Survey On Recommender System Algorithms And Its Applications In Health Care Using Big Data Analytics	International Journal Of Innovations & Advancement In Computer Science	6, Issue 8 pp. 111 to 115, August 2017, ISSN 2347 – 8616	3.7	Indexed in UGC
20.	Dr. V. Jaiganesh	A Literature Review on Supervised Machine Learning Algorithms and Boosting Process	International Journal of Computer Applications	169(8):32-35, July 2017	3.2	Indexed in UGC
21.	S. Saranya	A Review Of Big Data Challenges And Techniques	Ciit International Journal Of Digital Signal Processing	Vol 10, No 1, January-2018	-	-
22.	P. Usha	A Literature Survey On Big Data	Ciit International Journal Of Wireless Communications	Vol 10, No 1, January-2018	-	-