



## 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 (3rd Cycle – 3.64CGPA)  
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.  
Website: [www.drngpasc.ac.in](http://www.drngpasc.ac.in) | Email: [info@drngpasc.ac.in](mailto:info@drngpasc.ac.in) | Phone: +91-422-2369100

### Department of Computer Science with Data Analytics

#### Activates and Achievements - AY 2022-23

##### 1. Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1.	15-Feb-23	Prof. U. Dinesh Kumar, Professor, Decision Sciences, Chairperson, Data Centre & Analytics Lab, IIMB Chair of Excellence, Bengaluru	Demystifying Artificial Intelligence	Seminar Hall II	ASI members & UG & PG students (207 Students)
2.	28-Jan-23	Mr. T. Nalla Perumal Technical Lead & Co-Founder Appville Software, Coimbatore	Analytics in Manufacturing Domain	Lab 16	I, II UG and II PG
3.	17-Oct-22	Mr. M. Velmurugan Data Scientist, IQ General Systems Pvt Ltd., Coimbatore	Predictive Analytics and Artificial Intelligence in E-Commerce	Seminar Hall II	III UG, I-PG & II PG
4.	05-Aug-22	Mr. M. MuthuKumar, Senior Associate, L & T InfoTech, Coimbatore	Data Visualization	Lab 16	I,II,III UG and II PG

## 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.	11-Feb-23	Alumni Interaction	I&II UG	The value of Data and Insights for Emerging brands	Ms.R.Manoranjani, Data Analyst, DISYS, Coimbatore	-	-	-
2.	5-Nov-22	Alumni Interaction	III UG and I PG	Data Driven Decision Making with Power BI	Mr.A.M. Sabarish. Associate Engineer, Data Engineering TeamCloud Destinations Pvt Ltd, Coimbatore	-	-	-
3.	08-Oct-22	Hands on Training	II UG	PC Hardware Assembly	Mr. S. Poorna Senthilkumar, Assistant Professor, Department of BCA, Dr. N.G.P. Arts and Science College, Coimbatore	-	-	-
4.	10-Sep-22	Workshop	II UG and II PG	AWS Cloud Services	Mr.NithishKumar Technical Engineer, AWSCloudInfrastructure, Quadra Systems, Coimbatore	-	-	-

## 3. Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1.	07-Jan-23	Digital Water Management	Sarkar Samakulam	III UG

2.	08-Oct-22	Awareness on Digital India Schemes - Digi –Locker and Farmers Portal	Velliankadu	III UG and II PG
3.	24-Sep-22	First Aid Awareness	ChinnaThadagam	II, III UG and II PG

#### 4. Staff Recognitions

S. No.	Name of the Staff	Acted As	Name of the Programme	Date	Venue
1.	Dr. V. Pream Sudha	Resource Person	Data Analytics	30-Jan-23	PSGR Krishnammal College for Women
2.	Dr. R. Suganthi	Resource Person	Contest 360 - Discovery Platform for Indian Youth	05-Dec-22	TiP
3.	Dr. V. Pream Sudha	Resource Person	Economics & Institution's Innovation Council	16-Nov-22	PSG College of Arts and Science
4.	Dr. A.C. Sountharraj	Resource Person	Computer Applications	26-Aug-22	VLB Janakiammal college of Arts and Science

#### 5. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training	College
1.	10-Apr-23 to 19-Apr-23	Mrs. S. Shenbaha	FDP on Natural Language Processing	Electronics & ICT Academy National Institute of Technology Warangal
2.	10-Apr-23 to 19-Apr-23	Dr. S. Gomathi @ Rohini	FDP on Natural Language Processing	Electronics & ICT Academy National Institute of Technology Warangal

3.	06-Mar-23 to 10-Mar-23	Mrs. S. Shenbaha	Workshop on Statistics Analysis using Python	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering & Technology, Hyderabad
4.	04-Mar-23	Mrs. R. Ranjani	Workshop on Outcome Based Education	IPSR Solutions Limited & Dr. N.G.P. Arts and Science College
5.	04-Mar-23	Dr. V. Pream Sudha	Workshop on Outcome Based Education	IPSR Solutions Limited & Dr. N.G.P. Arts and Science College
6.	04-Mar-23	Ms. C. Karpagam	Workshop on Outcome Based Education	IPSR Solutions Limited & Dr. N.G.P. Arts and Science College
7.	04-Mar-23	Mrs. S. Shenbaha	Workshop on Outcome Based Education	IPSR Solutions Limited & Dr. N.G.P. Arts and Science College
8.	04-Mar-23	Dr. S. Gomathi @ Rohini	Workshop on Outcome Based Education	IPSR Solutions Limited & Dr. N.G.P. Arts and Science College
9.	04-Mar-23	Mrs. Bharathi Anbarasan	Workshop on Outcome Based Education	IPSR Solutions Limited & Dr. N.G.P. Arts and Science College
10.	01-Mar-23 to 10-Mar-23	Mrs. S. Shenbaha	FDP on Data Analytics: Methods and Applications in Healthcare Data using R/Python	Indian Institute of Information Technology Dharwad, in association with E-ICT, National Institute of Technology, Warangal
11.	01-Mar-23 to 10-Mar-23	Dr. S. Gomathi @ Rohini	FDP on Data Analytics: Methods and Applications in Healthcare Data using R/Python	Indian Institute of Information Technology Dharwad, in association with E-ICT, National Institute of Technology, Warangal

12.	16-Feb-23 to 20-Feb-23	Mrs. S. Shenbaha	Workshop on Applicable Mathematics for Science and Engineering - Recent Advances (AMSE - 2023)	Vellore Institute of Technology
13.	16-Feb-23 to 20-Feb-23	Dr. S. Gomathi @ Rohini	Workshop on Applicable Mathematics for Science and Engineering - Recent Advances (AMSE - 2023)	Vellore Institute of Technology
14.	07-Feb-23 to 15-Feb-23	Ms. C. Karpagam	Teaching & Learning Process in HEI's	IOT Academy
15.	21-Jan-23	Mrs. S. Shenbaha	Workshop on PoCoMo	Veba Technologies
16.	26-Dec-22 to 31-Dec-22	Dr. R. Suganthi	FDP on Prominent Challenges in Computer Vision, Data and Intelligence	Navarasam Arts and Science College for Women
17.	15-Dec-22 to 17-Dec-22	Dr. R. Suganthi	FDP on Emotional Intelligence	ICT Academy
18.	19-Dec-22 to 27-Dec-22	Dr. S. Gomathi @ Rohini	Faculty Development Program on Emerging Technologies in Computer Science Research	PPG College of Arts and Science
19.	05-Dec-22	Ms. C. Karpagam	Microsoft Power BI Data Analyst Associate	ICT Academy
20.	26-Nov-22	Mrs. R. Ranjani	Workshop on Advanced Artificial Intelligence Methods in Breast Cancer Diagnosis and Clinical Research	Dr. N.G.P. Arts and Science College

21.	26-Nov-22	Mrs. Bharathi Anbarasan	Workshop on Advanced Artificial Intelligence Methods in Breast Cancer Diagnosis and Clinical Research	Dr. N.G.P Arts and Science College
22.	26-Nov-22	Mrs. S. Govardhini	Workshop on Advanced Artificial Intelligence Methods in Breast Cancer Diagnosis and Clinical Research	Dr. N.G.P Arts and Science College
23.	18-Nov-22 to 26-Nov-22	Mrs. S. Govardhini	Professional Development Programme on Implementation of NEP2020 for University and College Teachers	Indira Gandhi National Open University
24.	06-Nov-22	Mrs. S. Shenbaha	Workshop on Spawning Networks	Ruby's Max Broadband Services Pvt.Ltd
25.	11-Oct-22 to 15-Oct-22	Mrs. S. Shenbaha	FDP on Machine Learning and Deep Learning	SRM Institute of Science and Technology
26.	11-Oct-22 to 15-Oct-22	Mrs. R. Ranjani	Faculty Development Program on Machine Learning and Deep Learning	SRM Institute of Science and Technology
27.	11-Oct-22 to 12-Oct-22	Mrs. S. Govardhini	Faculty Development Program on Machine Learning and Deep Learning	SRM Institute of Science and Technology
28.	24-Sep-22 to 26-Sep-22	Dr. R. Suganthi	Workshop on Basic Statistical Analysis and its Interpretation using SPSS	Global Institute of Statistical Solutions
29.	26-Jun-22 to 30-Jun-22	Ms. C. Karpagam	Achieving Excellence through self awareness	Research Culture Society

30.	06-Jun-22 to 10-Jun-22	Mrs. R. Ranjani	Personality Development	ICT Academy
31.	01-Jun-22 to 09-Jun-22	Mrs. R. Ranjani	The Art of Teaching in HEI's	IOT Academy

## 6. 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.	Ms. S. Shenbaha	Data Privacy Preserving in Social Media Platforms using Anonymous Revocable Identity-Based Broadcast Encryption	International Journal of New Innovations in Engineering and Technology	ISSN:2319-6319 Volume 22 Issue 1 April 2023	-	Others
2.	Dr. S.Gomathi	Marketing Analytics on Organic Food Products in Coimbatore	TKM International Journal for Research in Management	ISSN 2455-684X, January 2023, Vol No. 8 Issue 1	-	Others
3.	Ms. C. Karpagam	An Exploratory Data Analysis to determine Autism Spectrum Disorder in Young Children Using Machine Learning Approaches	International Conference on Computational Intelligence and Communication	ISSN:0976 - 0997, December 2022, Vol No. 13 Issue 75	-	WoS
4.	Mrs. S.Govardhini	Survey of Chrysos Price Analysis	International Conference on Digital Information Security and Computing Technologies	ISBN:978-93-5620-321-1, 2022, Vol No. 1	-	Proceedings

5.	Mrs. S.Govardhini	A Study on RPA & Process Mining	National Conference on Applications of Intelligent Robotic Process Automation	ISBN 9-788195-368150, 25 <sup>th</sup> March 2022,	-	Proceedings
6.	Dr. A.C Sountharraj	A Study on Robotic Process Automation: Healthcare	National Conference on Applications of Intelligent Robotic Process Automation	ISBN 9-788195-368150, 25 <sup>th</sup> March 2022,	-	Proceedings

## 7. Staff Presentation

S. No.	Date	Name of the Faculty	Name of the Conference	Name of the title	College
1.	31-Mar-23	Mrs. S. Shenbaha	International Conference on Engineering, Technology and Science	Data Privacy Preserving in Social Media Platforms using Anonymous <del>Revocable Identity-Based</del>	Muthayammal College of Engineering
2.	25-Nov-22	Dr. R. Suganthi	Virtual Conference on AI for Sustainable Development - Challenges and Opportunities	Intelligent Solutions for Road Safety through Artificial Intelligence	VET Institute of Arts and Science College
3.	25-Nov-22	Dr. R. Suganthi	Virtual Conference on AI for Sustainable Development - Challenges and Opportunities	AI in Medicines	VET Institute of Arts and Science College
4.	10-Nov-22	Dr. S. Gomathi	Research Conference on Data Science Technology and Applications in Management Research	Marketing Analytics on Organic Products in Coimbatore	TKM Institute of Management
5.	16-Sep-22	Ms. C. Karpagam	International Conference on Computational Intelligence and Communication	An Exploratory Data Analysis to Determine Autism Spectrum Disorder	Presidency College



6.	25-Aug-22	Mrs. Bharathi Anbarasan	National Conference on AI and IoT for Agriculture Innovation and Environment Sustainability	A Framework of Unequal Clustering Algorithm For Wireless Sensor Networks	Dr. N.G.P Arts and Science College
7.	15-Jul-22	Mrs. S. Govardhini	Virtual International Conference "Global Trends in Social Sciences and Information Technology"	Student Feedback Rating for Instructor Using collaborative Filtering Techniques - Survey	Kaamadhenu Arts and Science College

### 8. Students Presentation

S.No	Date	Name of the student	Name of the event	Name of the title	College
1	11-Feb-23	V. P. Sharumirthesh,	Student Development Programme	Journal Review on Analytics Empowering Agriculture	Dr. N. G. P. Arts and Science College, Coimbatore
2	07-Feb-23	Naveen Kumar L	Paper Presentation	LiFi	Sri Ramakrishna College of Arts and Science
3.	07-Feb-23	Jaisree M K	Paper Presentation	LiFi	Sri Ramakrishna College of Arts and Science
4.	30-Jan-23	Naveen Kumar L	Paper Presentation	Student Analysis Using Power BI	Sri Ramakrishna College of Arts and Science for Women
5.	30-Jan-23	Jaisree M K	Paper Presentation	Student Analysis Using Power BI	Sri Ramakrishna College of Arts and Science for Women
6.	19-Jan-23	J. Aakash V. P. Sharumirthesh	Student Development Programme	Emerging Technologies in Data Science	Dr. N.G.P Arts and Science College, Coimbatore
7.	25-Nov-22	Swetha S	International Virtual Conference	AI in Road Accidents	VET Institute of Arts and Science

8.	25-Nov-22	Mythili S	International Virtual Conference	AI in Cyber Security	VET Institute of Arts and Science
9.	25-Nov-22	Darsheha M R	International Virtual Conference	AI in Cyber Security	VET Institute of Arts and Science
10.	27-Aug-22	S. Nanthana and S. Sanjana	Student Development Programme	Big Data Mining	Dr. N.G.P Arts and Science College, Coimbatore

## 9. Students Participation

S. No.	Date	Name of the Student(s)	Event	College	Inter Collegiate / Inter Departmental	Prizes won
1.	11-Mar-23	Sanjana S	Mock CID	PSGR Krishnammal College for Women	Inter Collegiate	2 <sup>nd</sup> Prize
2.	11-Mar-23	Nanthana S	Mock CID	PSGR Krishnammal College for Women	Inter Collegiate	2 <sup>nd</sup> Prize
3.	21-Feb-23	Kishor P	Finding the Logo	Karpagam Academy of Higher Education	Inter Collegiate	3 <sup>rd</sup> Prize
4.	07-Feb-23	Jaisree M K	Paper Presentation	Sri Ramakrishna College of Arts and Science	Inter Collegiate	1 <sup>st</sup> Prize
5.	07-Feb-23	Naveen Kumar L	Paper Presentation	Sri Ramakrishna College of Arts and Science	Inter Collegiate	1 <sup>st</sup> Prize
6.	30-Jan-23	Jaisree M K	Paper Presentation	Sri Ramakrishna College of Arts and Science for Women	Inter Collegiate	1st Prize
7.	30-Jan-23	Naveen Kumar L	Paper Presentation	Sri Ramakrishna College of Arts and Science for Women	Inter Collegiate	1st Prize

8.	24-Jan-23	Jaisree M K	Voyage to Enlighten English	Dr. N.G.P. Arts and Science College	Inter Collegiate	1st Prize
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#### 10. Research Funding

S. No.	Name of the Faculty	Name of the project / scheme	Sanction No. and Date	Funding body	Amount
1.	Dr. Sountharraj A.C	Mobile App for Career Guidance of Tamil Nadu Higher Secondary School Students/ <b>Student Project Scheme</b>	March 2023	Tamil Nadu State Council for Science and Technology	₹ 7,500

#### 11. Book Publications

S.No	Date	Name of the staff	Name of the Book	Name of the Publisher
1.	Nov-22	Dr. A.C Sountharraj	Big Data Analytics using Python	CiiT International Journal