



## 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)  
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### Department of Computer Technology

#### 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	5-Aug -22	Mr. R. Rajiv Senior System Analyst UST Global, Coimbatore	Roadmap to Full Stack Development	Kambar Arangam	I, II, and III B.Sc. CT Students
2	20-Oct-22	Mr. G. Palanivelrajan AI and Computer Vision Developer, NoviTech R&D Pvt Ltd, Coimbatore	Principles of Computer Vision	Seminar Hall 3	I, II, and III B.Sc. CT Students
3	11-Feb-23	Mr. Saya Narayan, Senior Software Developer, Gateway Solutions, Coimbatore	Data Analytics and its Applications	Room No 318	I B.Sc. CT Students

## 2. Seminar / Workshop Conferences organized

S. No	Date	Nature of the Event (Conference / Seminar/ Workshop)	Title of the Event	Name & Designation of the Speakers	Name & Affiliation Chair & Co-chair
1	16-Mar-22	National Conference on Advance Computing Sciences	Recent Trends in Computing and Communication Technologies	Mr. Balakumarangavelu Indian Head – Outreach, Employee Volunteering (CSR) Global Lead – ESG Cognizant Technology Solutions	Session Chair 1: Dr. Chandra Blessie Professor, Department of Computer Science and Engineering, Coimbatore Institute of Technology
			Big Data Analytics using Open-Source Tools	Dr. Vijay Kumar Kannan Joint Director Big Data Analytics Group C-DAC, Chennai	Session Chair 2: Dr. Karpagavalli Associate Professor, Department of Computer Science, PSGR Krishnammal College for Women
			Digital Transformation through Emerging Technologies	Dr. Ranga Rajagopal CEO, Acenet Technologies Coimbatore	Session Chair 3: Dr. P. PRABHUSUNDHAR Assistant Professor, Department of Computer Science, Gobi Arts and Science College
3	1-Sep-22	Workshop	Game Development	Mr. B. Selvaraj, Graphics Designer & Unity 3D Developer, Geniies IT Services Pvt Ltd, Coimbatore	-

### 3. Student Development Programme

S. No.	Date	Name of the Student	Topic
1	27-Aug-22	Ms. M. Sanchita, III B. Sc CT B	Web Hosting

### 4. Extension Activities

S. No	Date	Nature of the Activity	Place	Students involved
1	10 -Sep-22	Awareness on Digital Transaction	Paduvampalli Village	II and III B.Sc. CT students

### 5. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1	22-Jul-22	Dr. B. Leelavathi	National seminar on Multi-disciplinary approach towards sustainable development	PSG CAS
2	25-Jul- 22 & 26-Jul- 22	C. Malarvizhi	National level Faculty Development Program on "IPR Innovations and Startups"	IOT Academy
3	1-Aug-22	M. Rathi	Online Course - Artificial Intelligence with Python	Great Learning Academy
4	10-Aug-22	Dr. M. Rathi	Journal Citation Reports (JCR) Certification series 2022	Online Webinar
5	15-Sep-22	Dr. D. Maheshwari	Webinar – Becoming a Skilled Software Development	Computer Society of India – Coimbatore Chapter
6	15-Sep-22	Dr. R. Nithya	Webinar – Becoming a Skilled Software Development	Computer Society of India – Coimbatore Chapter
7	12-Dec-22 to 19-Dec-22	Dr. B. Leelavathi	National Level Faculty Development Program on “Research Methodology”	PPG College of Arts and Science
8	15-Dec-22 to 17-Dec-22	Dr. M. Rathi	Emotional Intelligence	ICT Academy - Dr. NGP Arts and Science College

9	19 Dec-22 to 23-Dec-22	Dr. D. Maheshwari	FDP-Research Advancements in Intelligent Computing Technologies	Sri Krishna College of Engineering and Technology
10	2-Jan-23 to 6-Jan-23	Dr. B. Leelavathi	“Personality Grooming - Handling Stress and Emotional Intelligence”	PPG College of Arts and Science
11	3-Jan-23 to 13-Jan-23	Dr. D. Maheshwari	FDP-Teaching, Learning and Research in HEIs	IOT Academy
12	23-Jan-23 & 24-Jan-23	C. Malarvizhi	Two-days National level FDP - Innovative Teaching and Online Resources	IOT Academy
13	10-Feb-23	Dr. M. Rathi	National Credit Framework- Credit Transfer Policy	University of Hyderabad, Hyderabad
14	04-Mar-23	Dr. R. Nithya Dr. D. Maheshwari Dr. M. Rathi Dr. B. Leelavathi R.S. Padmapriya V. Manimekalai C. Malarvizhi T.R. Anand	One Day Workshop on Outcome Based Education (OBE)	ipsr Solutions & Dr. N.G.P. Arts and Science College

## 6. Staff Publications

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	R S Padma Priya	Bio inspired ensemble feature selection and Kernel Extreme Learning Machine classifier for breast cancer diagnosis	International Journal of Heal Sciences	June 2022		Scopus
2	R S Padma Priya	Bio inspired ensemble feature selection and Ensemble Deep learning classifier for breast cancer diagnosis	International Journal of Pharmaceutical Negative results	October 2022		Scopus/WoS

3	Dr. B. Leelavathi	A recent study on bone mass index for males and females using a support vector machine classifier and its preventive measures	Journal of Emerging technologies and innovative research	September 2022		UGC
4	Dr. B. Leelavathi	Survey on multimedia technologies using animated learning	Shanlax publication	October 2022		UGC
5	Dr. R. Nithya	A Survey on Diverse Techniques for Sentiment Analysis	Journal of Emerging Technologies and Innovative Research	July 2022		UGC
6	Dr. R. Nithya	A Complete Reference to dissertation work on Sentiment Analysis	Lambert Academic Publisher	978-620-98441-4 July 2022		Others
7	C. Malarvizhi	Classification of various stages of herniated cervical spine images using edge detection operators	International Conference on Computational Modelling, Simulation and Optimization	979-8-3503-3288-9/ December 2022		Scopus
8	Dr. R. Nithya	A Survey on Diverse Techniques for Sentiment Analysis	Journal of Emerging Technologies and Innovative Research (JETIR)	(ISSN-2349-5162) July 2022, Volume 9, Issue 7	7.95	UGC

### 7. Staff Presentation

S.No	Date	Name of the Staff	Name of the Conference	Name of the title	College
1	08- Jul-22 & 09-Jul-22	Dr. R. Nithya	4 International Conference on Recent Innovations in Science & Technology 2022	Industrial Internet of Things (IIOT) For Detecting e Fault in Machinerics using threshold Values	ERANAD Knowledge City Technical Campus, Malappuram

2	25-Nov-22	Dr. M. Rathi	2nd International Virtual conference on "AI for sustainable development - Challenges and Opportunities	AI in Cyber Security	VET Institute of Arts and Science, Erode
3	25-Nov-22	Dr. M. Rathi	2nd International Virtual conference on "AI for sustainable development - Challenges and Opportunities	Intelligent solutions for road safety through Artificial Intelligence	VET Institute of Arts and Science, Erode
4	23-Dec-22	C. Malarvizhi	2022 International Conference on Computational Modelling, Simulation and Optimization	Classification of Various Stages of Herniated Cervical Spine Images Using Edge Detection Operators	Asian Institute of Technology Conference Center Bangkok, Thailand
5	3- Feb 23	Dr. R. Nithya	International Conference on Recent Trends in Computer Science and Data Analytics	A Study on Machine Learning Approaches for Aspect Level Sentiment Analysis	KPR College of Arts Science and Research
6	9-Mar-23	Dr. B. Leelavathi	Proceedings of International Conference on Intelligent Computing and Technology 2022	Analysis On Economic and Environmental Impact of Global Warming And e Role of Artificial Intelligence in Fighting Climate Change and its Risks	Sri Ramakrishna College of Arts & Science
7	16-Mar-23	Dr. R. Nithya	National Conference on Advanced Computing Sciences	A Review on 5G network	Dr. N.G.P. Arts and Science College
8		Dr. D. Maheshwari		Load Balancing in Edge Computing	
9		Dr. D. Maheshwari		Energy Efficiency in Edge Computing	
10		G. Karuammal		A Survey on Hand tracking & Gesture Recognition by multiple Contactless Sensors	

## 8. Staff Recognitions

S.No	Date	Name of the Staff	Acted As	Name of the Programme	Venue
1	14-Jul-22	Dr. D. Maheshwari	Subject Expert - BoS	Computer Technology	Hindustan College of Arts and Science
2	26-Aug-22	Mr. T.R. Anand	Resource Person	Seminar: "Artificial Intelligence"	AVP College of Arts and Science
3	19-Sep-22	Dr. R. Nithya	Resource Person	Association Inaugural and Seminar on Android Application Development	Tthiruppur Kumaran College for Women
4	23-Dec-22 & 24-Dec-22	Dr. R. Nithya	Reviewer	2022 IEEE International Conference on Current Development in Engineering and Technology (CCET)	SAGE University, Madhya Pradesh
7	11-Feb-23	Dr. R. Nithya	Resource Person	Association Inaugural and National Seminar on Deep Learning for Computer Vision	AVP College of Arts and Science
6	12-Feb-23	Dr. R. Nithya	Resource Person	FDP on Immersive Technologies	Hindustan College of Arts and Science
8	3-Mar-23	Dr. B. Leelavathi	Resource Person	Webinar "Sales Promotion using Business Intelligence"	PPG College of Arts and Science
9	28-Mar-23	Dr. D. Maheshwari	Resource Person	Faculty Professional Development Programme: "Edge Computing"	Dr. N.G.P. Arts and Science College

## 9. Students Participation

S.No	Date	Name of the Students	Event	College	Inter Collegiate / Inter Departmental	Prize
1	9-Sep-22	Priyadarshini . R	Drawing	Dr. N.G.P. Arts and Science College	Inter Department [Tamil department]	II
2		Damini . S				I
3		Tanishk . S	Kavithai			III

4	20-Sep-22	Dhanushiya.A.S	Word architecture	Dr. N.G.P. Arts and Science College	Inter Department [English department]	II
5	19-Oct-22	Damini.S Mohammed Harish. M	Treasure hunt	Rathinam College of Arts and Science	Intercollegiate Events	II
6		Thiraviyam. M Kousik.K	Tech quiz			II
7		Siva Prakasem.M Ajay.D Kishore Kumar.K Saravana Kumar.R	Start music			I
8		Arun Kumar.M Soundar.M Aswin Aravind.k Rubuk.M	Start music			II
9	19-Oct-22	Dharshini.T Janasrui.R	Connection	KSG College of Arts and Science	Intercollegiate Events	II
10	12-Jan-23	Shenbagakumar .M Viveka.S	Quiz	Dr. N.G.P. Arts and Science College	NGP FEST 2023 EVENTS Gensis '23 - Intercollegiate Events	II
11	12-Jan-23	Sobhika.S Priyadarshini .R	Hand painting			III
12	12-Jan-23	Nithya .S	Paper collage			I
13	12-Jan-23	Harshini Priya.R	Soap carving			I
14	12-Jan-23	Sathiya Mohammed Harish .M Mithun Karthick Sanchitha.M Kiruthika. M Siva Prakasam Mithun Jonath Leonard J Ajay Yuvan Harish	Group dance			I
15	12-Jan-23	Viveka	Creative writing			I



16	10-Feb-23	Kiruthika. M	Group dance	Nehru College of Arts and Science		I
		Sathiya.T				
		Jonath Leonard J				
		Yuvan Harish				
		Karthick.K.B				
		Ajay.D				
		Mithun				
		Siva Prakasem.M				
17	05-Feb-23	Sanchitha.M	Group dance	SNG College of Arts and Science	Cridise'23 Intercollegiate Events	I
		Sathiya.T				
		Jonath Leonard J				
		Yuvan Harish.T				
		Mithun.M				
		Mohammed Harish				
		Ajay.D				
		Siva Prakasem.M				
18	05-Feb-23	Sree Naveen	Pencil sketch			III
19	05-Feb-23	Priyadarshini.R	Paper collage			II
20	17-Feb-23	Priyadarshini. R Damini	Drawing	Sri Kirshna Adiya College of Arts and Science	Adividya Intercollegiate Events	I
21	02-Mar-23	Sanchita	Group Dance	SNMV College of Arts and Science	Regalia'23 Intercollegiate Events	I
		Kiruthika. M				
		Ajay				
		Mithun				
		Yuvan				
		Jonath Leonard				
		Mohammed Harish				
		Siva Prakasham				

22	24-Feb-23	Mohammad Harish	Group Dance	Hindustan College of Arts and Science	Hilarcas'23 Intercollegiate Events	II
		Sathiya T				
		Sanchita M				
		Kiruthika M				
		Ajay D				
		Yuvan Harish				
		Mithun				
		Jonath Leonard				
		Siva Prakasham				
		Tamil Selvan				
		Sanjeev C				
23	10-Mar-23	Mohammad Harish	Group Dance	Nehru College of Arts and Science	Confluence '23 Intercollegiate Events	II
		Sathiya T				
		Sanchita M				
		Kiruthika M				
		Ajay D				
		Yuvan Harish				
		Mithun				
		Jonath Leonard				
		Siva Prakasham				
24	11-Mar-23	Mohammad Harish	Group Dance	Krishnammal College for Women	Karishma '23 Intercollegiate Events	II
		Sathiya T				
		Sanchita M				
		Kiruthika M				
		Ajay D				
		Yuvan Harish				
		Mithun				
		Jonath Leonard				
		Siva Prakasham				

25	14-Mar-23	Shree Hari Hara Suan	Adzap	Nandha College of Arts and Science	Intercollegiate Events	II
		Gowtham C				
		Shenbaga Kumar				
		Sree Naveen				
		Karunamoorthi				
26	14-Mar-23	Mohammad Harish	Mobile Photography	Sri Ramalinga Sowdambigai College	Intercollegiate Events	II
		Damini S				
27	24-Mar-23	Mohammad Harish	Group Dance	VLB Janakiammal College	Uvautsav'23 Intercollegiate Events	II
		Sathiya T				
		Sanchita M				
		Kiruthika M				
		Ajay D				
		Yuvan Harish				
		Mithun				
		Jonath Leonard				
Siva prakasham						
28	24-Mar-23	Gowtham C	Adzap			III
		Sanjeev C				
		Karunamoorthi				
		Kowshik				
29	06-Mar-23	Sri Saran R	Poster Design	CSI - Coimbatore Chapter	CSI Day Celebrations	II
30	24-Mar-23	Rohith	UI Design	PSG College of Arts and Science	Intercollegiate Events	I
31	15-Sep-22	Prince	CSI- E-Newsletter	Computer Society of India – Coimbatore Chapter	-	Cash ₹ 500
32	09-Sep-22	Damini.S	Bharti New Moon Day Ilakkiya Competitions	Dr. N.G.P. Arts and Science College	Inter Departmental	I
33		Priyadharshini.R				II