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 (3rd Cycle)
Dr. N.G.P.- Kalapatti Road, Coimbatore-641048, Tamil Nadu, India

Department of Computer Applications– AY 2023-24

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	08-Jul-23	Mr. Yogeshwaran. M. G, Senior Data Analyst, Chennai	Fundamentals of Data Warehousing
2	02-Jul-23	Mr. Pradeep S, Robotics Engineer CADD Technologies School of Design Pvt., Ltd, Coimbatore	Robotics Process Automation

Student Development Programme

S. No.	Date	Title	Resource Person
1	28-Dec-23	Essential DevOps Tools	Mr.S.Dharsan & Ms.T.Swathi, III-BCA-A Students

Faculty Professional Development Programme

S. No.	Date	Title	Resource Person

1	27-Feb-24	Exploring IoT in Cisco Packet Tracer	Dr.C.Kumuthini, Professor, Department of Computer Applications, Dr.N.G.P. Arts and Science College

Alumni Interaction

S. No.	Date	Title	Alumni
1	21-Feb-24	Machine Learning Concepts	Mr. Kishore Devaraj, Certified trainer, Machine learning / Robotics , Coimbatore

Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	08-Jan-24	Societial	Velliangadu Village, Coimbatore	10 students of III-BCA

Co-curricular Activities

S.No	Date	Name of the Event
1	14-Mar-24	30 Students of BCA participated and donated Blood Organised by NSS and Rotaract Club of Dr.N.G.P. Arts and Science College

Other Activities

S. No.	Date	Title	Resource Person

1	21-Feb-24	External Examiner, Ph.D Viva Voce , Periyar University, Salem	Dr.C.Kumuthini, Professor, Department of Computer Applications, Dr.N.G.P. Arts and Science College

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
		NIL		

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
		NIL		

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	19-Mar-2024	**Mr.V.Yuvaraj**	7 DAYS NATIONAL LEVEL FDP ON PYTHON	Star International Foundation for Research and Education.
2	16-Feb-24	Mr.V.Yuvaraj	Virtual E-Workshop on Virtual Lab: A Learner Perspective programme	VLB Janakiammal College of Arts and Science,Coimbatore
3	16-Feb-24	Mrs.D.Priyadarshini	Virtual E-Workshop on Virtual Lab: A Learner Perspective programme	VLB Janakiammal College of Arts and Science,Coimbatore
4	22-Jan-24	Dr.P.S.Vijayalakshmi	Emerging trends in Data Analytics	Saveetha College of Liberal Arts and Sciences.
5	22-Jan-24	D.Priyadarshini	Emerging Research Trends in Data Analytics	Saveetha College of Liberal Arts & Science

6	22-Jan-24	P.Dineshkumar	Emerging Research Trends in Data Analytics	Saveetha College of Liberal Arts & Science
7	22-Jan-24	Mr.V.Yuvaraj	Emerging Trends in Data Analytics	Saveetha College of Liberal Arts & Science,Chennai
8	15-Jan-24	Mr.V.Yuvaraj	Remote Sensing & GIS	The NorthCap University, Gurugram sponsored by DST SERB, Govt of India
9	08-Jan-24	D.Priyadarshini	Emerging Research Trends in Computer Science	KG College of Arts and Science
10	08-Jan-24	P.Dineshkumar	Emerging Research Trends in Computer Science	KG College of Arts and Science
11	08-Jan-24	K.Gomathy	Emerging Research Trends in Computer Science	Department of Computer Science, KG College of Arts and Science
12	08-Jan-24	Dr.C.Kumuthini	Emerging Research Trends in Computer Science	Department of Computer Science, KG College of Arts and Science
13	08-Jan-24	Dr.B.Ramya	Emerging Research Trends in Computer Science	Department of Computer Science, KG College of Arts and Science
14	08-Jan-24	Dr.P.S.Vijayalakshmi	Emerging Research Trends in Computer Science	Department of Computer Science, KG College of Arts and Science
15	08-Jan-24	Dr.K.Kavitha	Emerging Research Trends in Computer Science	KG College of Arts and Science
16	06-Jan-24	Mr.V.Yuvaraj	"Frontier Applications of Discriminative and Generative AI in Healthcare, IoT, and Data Engineering"	Institute of Engineering & Management, Saltlake
17	04-Jan-24	D.Priyadarshini	International Conference on Computational Intelligence and Communication Technologies	Dr. N.G.P. Arts and Science College, Coimbatore.
18	04-Jan-24	P.Dineshkumar	International Conference on Computational Intelligence and Communication Technologies	Dr. N.G.P. Arts and Science College, Coimbatore.
19	02-Jan-24	Mr.V.Yuvaraj	"The Future of Generative AI in Academic Research and Publishing"	Institute of Engineering & Management, Kolkata
20	15-Dec-23	Dr.K.Kavitha	Cyber Space - Challenges and its Applications	Presidency University, Bengaluru.
21	18-Dec-23	Dr.S.Pooranasenthilkumar	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering and Technology, Coimabtore
22	18-Dec-23	Dr.C.Kumuthini	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering and Technology, Coimabtore

23	18-Dec-23	Dr.K.Kavitha	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering and Technology, Coimabtore
24	18-Dec-23	Mrs.K.Gomathy	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering and Technology, Coimabtore
25	18-Dec-23	Dr.P.S.Vijayalakshmi	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering and Technology, Coimabtore
26	18-Dec-23	Dr.B.Ramya	Modern Research Convergence in Next Generation Computing	Sri Krishna College of Engineering and Technology, Coimabtore
27	20-Dec-23	Dr.P.S.Vijayalakshmi	Two-Day National Seminar on INTELLIGENCE REFORM: ENHANCING NATIONAL SECURITY THROUGH EFFECTIVE INTELLIGENCE PRACTICES	SRI KRISHNA ARTS AND SCIENCE COLLEGE
28	27-Dec-23	V.Yuvaraj	Cyber Intellegience and Awareness on Social Media Security V2.0	Department of Computer Application and Science, Institute of Engineering & Management, Kolkata

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	Dr.B.Ramya	Cluster Based Routing Algorithms for MANET-IOT-WSN Systems	Tuijin Jishu/Journal of Propulsion Technology	ISSN: 1001-4055, Dec-23, Vol. 44 P.No. 6 (2023)	0.32	Scopus

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won

1	13-Mar-24	Joel Titus.V	Spark Tech'24, Snip Snap event	Faculty of Computer Science, Dr.N.G.P. Arts and Science College	2nd Prize
2	13-Mar-24	Tharanidharan	Spark Tech'24, Snip Snap event	Faculty of Computer Science, Dr.N.G.P. Arts and Science College	2nd Prize
3	13-Mar-24	Mahalakshmi.S	Spark Tech'24, Visual Vertex event	Faculty of Computer Science, Dr.N.G.P. Arts and Science College	3rd Prize
4	13-Mar-24	Vathunsri.V	Spark Tech'24, Visual Vertex event	Faculty of Computer Science, Dr.N.G.P. Arts and Science College	3rd Prize
5	07-Mar-24	Joel Titus.V	National level Technical Symposium, FUN IN RUN Event	Department of Computing Science, P.S.G. College of Arts and Science, Coimbatore	2nd Prize
6	07-Mar-24	Soundharyan.R	National level Technical Symposium, FUN IN RUN Event	Department of Computing Science, P.S.G. College of Arts and Science, Coimbatore	2nd Prize
7	13.12.2023	SIVARAMAKRISHNAN R	Inter Department Event MATHFEST'2023	Department of Mathematics, Dr.N.G.P. Arts and Science.	3rd Prize

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	02-Feb-24	Mrs.K.Gomathy	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	A Comprehensive Study on Generative AI	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbatore
2	02-Feb-24	Dr.P.S Vijiyalakshmi	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	Fog Computing	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbatore

3	02-Feb-24	Dr.C.Kumuthini	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	A survey of Block Chain Technology in Health Care	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbatore
4	02-Feb-24	Mr.P.Dineshkumar	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	CLUSTERING TECHNIQUES IN IDENTIFYING STOCK MARKET TRENDS	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbatore
5	02-Feb-24	Dr.Kavitha .K	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	IOT Applications in Radiation	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbatore
6	02-Feb-24	Dr.C.Kumuthini	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	Smart Sensing for precision Agriculture through IOT	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbatore
7	05-Jan-24	Dr.K.Kavitha	ICSSR Sponsored National Seminar on IoT Cyber Security: Challenges and Solutions for Social and Real-Life Applications	IoT Cyber Security: Tools and Technologies	Dr. N.G.P. Arts and Science College, Coimbatore.
8	05-Jan-24	Dr.P.S.Vijayalakshmi	ICSSR Sponsored National Seminar on IoT Cyber Security: Challenges and Solutions for Social and Real-Life Applications	Security Issues for Internet of Things in Cloud Environmant	Dr. N.G.P. Arts and Science College, Coimbatore.
9	05-Jan-24	Dr. Poorana senthilkumar S	National Seminar on IOT Cyber Security: Challenges and Solutions for Social and Real-Life Applications sponsored by ICSSR, New Delhi	Measures of Security Privacy Challenges and Issues in IoT Service" in National Seminar	Dr. N.G.P. Arts and Science College, Coimbatore.
10	05-Jan-24	Dr.C.Kumuthini	ICSSR Sponsored National Seminar on IoT Cyber Security: Challenges and Solutions for Social and Real-Life Applications	Secure smart bin IoT enabled monitoring system	Dr. N.G.P. Arts and Science College, Coimbatore.

11	05-Jan-24	Mrs.K.Gomathy	ICSSR Sponsored National Seminar on IoT Cyber Security: Challenges and Solutions for Social and Real-Life Applications	Security Issues for Internet of Things in Cloud Environmant	Dr. N.G.P. Arts and Science College, Coimbatore.
12	04-Jan-24	Dr.K.Kavitha	International Conference on Computational Intelligence and Communication Technologies	A Study on Green Cloud Computing Strategies	Dr. N.G.P. Arts and Science College, Coimbatore.
13	04-Jan-24	Dr.P.S.Vijayalakshmi	International Conference on Computational Intelligence and Communication Technologies	Fine tuning through Artificial Bee Colony Algorithm in Convolutional Neural network model for Biomedical Image Classification	Dr. N.G.P. Arts and Science College, Coimbatore.
14	04-Jan-24	Dr.C.Kumuthini	International Conference on Computational Intelligence and Communication Technologies	A Study on Green Cloud Computing Strategies	Dr. N.G.P. Arts and Science College, Coimbatore.
15	04-Jan-24	Mrs.K.Gomathy	International Conference on Computational Intelligence and Communication Technologies	A Study on Green Cloud Computing Strategies	Dr. N.G.P. Arts and Science College, Coimbatore.
16	04-Jan-24	Dr.B.Ramya	International Conference on Computational Intelligence and Communication Technologies	Cluster based routing algorithms for Manet - IOT WSN systems	Dr. N.G.P. Arts and Science College, Coimbatore.
17	04-Jan-24	Mr.V.Yuvaraj	International Conference on Computational Intelligence and Communication Technologies	Cluster based routing algorithms for Manet - IOT WSN systems	Dr. N.G.P. Arts and Science College, Coimbatore.
18	04-Jan-24	Dr.R.Kousalya	International Conference on Computational Intelligence and Communication Technologies	A Clustering Based Intelligentenergy and Mibility Aware Routing Protocol for FANET	Dr. N.G.P. Arts and Science College, Coimbatore.
19	04-Jan-24	Dr.R.Kousalya	International Conference on Computational Intelligence and Communication Technologies	EGS _WSN-Enhancing network -wide coordination with	Dr. N.G.P. Arts and Science College, Coimbatore.

				Gradent -based time synchornization in WSNs	
20	20-Dec-23	Dr.P.S.Vijayalakshmi	Two-Day National Seminar on Intelligence Reform: Enhancing National Security Through Effective Intelligence Practices	Potential Growth Of Medical Artificial Intelligence In Healthcare	Sri Krishna Arts and Science College
21	14-Dec-23	D.Priyadarshini	Two day national paper presentation contest on " Emerging Trends In Commerce & Management"	A Novel Hybrid(Po-Thk) Method for ids and Privacy -Preserving in Distributed Data Environment	SETH RAM BAHADUR SING GUJARATI COLLEGE
22	07-Dec-23	Dr.R.Kouslaya	International Confernce on Computer Vision and Internet of Things	IIOT Fault Detection using Multi Deep Conveliutional Neural Networks	Karuyna University

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	02-Feb-24	Mallikaarjun.S	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	Big Data Technologies	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
2	02-Feb-24	Latika.S	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	Smart Sensing for precision Agriculture through IOT	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
3	02-Feb-24	Praveena.K	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	Smart Sensing for precision Agriculture through IOT	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare

4	02-Feb-24	Roni Williams	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	A Comprehensive Study on Generative AI	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
5	02-Feb-24	JayaPrakash M	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	A Comprehensive Study on Generative AI	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
6	02-Feb-24	Hari Krishnan S	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	A Comprehensive Study on Generative AI	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
7	02-Feb-24	Adhithya R	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	A survey of Block Chain Technology in Health Care	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
8	02-Feb-24	Deepesh V S	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	A survey of Block Chain Technology in Health Care	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
9	02-Feb-24	Dinesh Kumar K A	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	A survey of Block Chain Technology in Health Care	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
10	02-Feb-24	Saniya Asra S A	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	CLUSTERING TECHNIQUES IN IDENTIFYING STOCK MARKET TRENDS	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare
11	02-Feb-24	Ramya R	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	CLUSTERING TECHNIQUES IN IDENTIFYING STOCK MARKET TRENDS	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare

12	02-Feb-24 Selava kanatha S	Second International Conference on Recent Trends in Computer Science and Data Analytics (ICRTCSDA'24)	CLUSTERING TECHNIQUES IN IDENTIFYING STOCK MARKET TRENDS	Department of Computer Science with Data Analytics, KPR College of Arts, Science and Research, Coimbotare

Book / Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	Feb-24	Dr C.Kumuthini	Cloud Based Data analytics for Health care 5.0	IGI Publisher	Feb-24	9798369326398
2	Feb-24	Dr.k.Kavitha	Cloud Based Data analytics for Health care 5.0	IGI Publisher	Feb-24	9798369326398
3	Dec-23	Mr.V.Yuvaraj	AI and Internet of Things	Coimbatore Institute of Information Technology (CiiT)	Dec-23	9789361261404