



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 B.Sc. Information Technology – AY 2022-23

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1.	14-SEP-22	Mr.M.Sabarinathan,Executive Manager,Gateway Solutions, Coimbatore	NoSQL Database
2.	05-NOV-22	Mr. Asir Justus Christoher Senior Software Engineer Bosch Global Software Technologies, Coimbatore	AI in Image Processing
3.	30-JAN-23	Mr. Niranjana Narayanan Cloud Ops Analyst Accenture, Bangalore.	Skills Required for Industry 5.0
4.	11-MAR-23	Ms. Barani Vidhyasarathy,Senior Solutions Architect,HCL Technologies, Coimbatore	Illustrations of Software Testing

Seminar / Workshop / Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1.	24-AUG-22	Seminar	One Day National Seminar on “ Innovations in ICT towards Women Education and	1.Dr.Gowri Ashokan, Former Chair Person, Tamil Nadu State Commision for Women, Chennai.

			Empowerment – Impacts and Practices	2.Dr.B.Amutha, Prof and Head, Department of Computing Technologies, SRM Institute of Science and Technology, Chennai 3. Dr.Rupagunaselan, Chairman- BUWC, Bharathiar University, Chennai
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Student Development Programme

S. No.	Date	Title	Resource Person
1.	10-AUG-22	Introduction to BlockChain Technology	Mr.R.Sudharsan, Mr.V.Hariharan- III.B.Sc.IT
2.	08-OCT-22	Robotic Process Automation	Ms. G.R.Sandhiyaa Sri,Ms. R.Trisha III B.Sc.IT
3.	29-OCT-22	PC Assembly	Mr.S.Poorna Senthilkumar Assistant Professor, Department of Computer Technology, Dr.N.G.P Arts and Science College, Coimbatore
4.	05-NOV-22	Logic Building & Pseudocode	Aishvariya Sri.M & Brindha.S
5.	07-JAN-23	Tricks in Programming	Ms.A.P.Shobana & Ms. M.Priyadharshini
6.	11-FEB-23	App Development Using MIT Inventor	Harish.R & Prathakshanaa.R

Faculty Professional Development Programme

S. No.	Date	Title	Resource Person
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		NIL	
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Alumni Interaction

S. No.	Date	Title	Alumni
1.	10-SEP-22	Software Testing	M.Kaviya, Programmer CTS, Coimbatore
2.	25-MAR-23	The Top Coding Languages by Industry	Mr.S.Vivekanand

Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1.	28-JAN-23	Create Awareness about Water conservation and Management	Velliangadu	110 Students,4 Staff

Co-curricular Activities

S.No	Date	Name of the Event
		NIL

Other Activities

S. No.	Date	Title	Resource Person
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1.	14-OCT-22	Seminar- Network Security and Cryptography	Dr. N. Vanitha
2.	10-MAR-23	Seminar- Monty Python Flying Circus	Dr.K.Santhi

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
1.	16-SEP-22	DR. N. VANITHA	DAR THANGAPPENNE	DAR JEWELLERY and Dr. NGP IT
2.	21-JUN-22	Dr.N.Vanitha	Continuous Blood Donation Organizer	Indian Medical Association

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1.	23-FEB-23	Dr. N. Vanitha	Reviewer	IGI Global Publications
2.	13-FEB-23	Dr.R.Praba	E-Waste Mega Collection Drive Organizer	Lions Club of Coimbatore Nehru Nagar
3.	13-FEB-23	Dr. N. Vanitha	E-Waste Mega Collection Drive Organizer	Lions Club of Coimbatore Nehru Nagar
4.	24-AUG-22	Dr.R.Praba	Teacher In-charge, Youth Parliament Session (Tarun Sabha), Ministry of Parliament Affairs	Dr.N.G.P. Arts & Science College

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	26-AUG-22	Dr.S.Rekha	National Seminar on Industry 4.0(Azadi ka Amrit Mahotsav)	CHRIST University,Bangalore
2	26-AUG-22	Dr.R.Praba	National Seminar on Industry 4.0(Azadi ka Amrit Mahotsav)	CHRIST University,Bangalore
3	26-AUG-22	Dr.K.Thenmozhi	National Seminar on Industry 4.0(Azadi ka Amrit Mahotsav)	CHRIST University,Bangalore
4	26-AUG-22	Dr.K.Santhi	National Seminar on Industry 4.0(Azadi ka Amrit Mahotsav)	CHRIST University,Bangalore
5	26-AUG-22	Dr.N.Vanitha	National Seminar on Industry 4.0(Azadi ka Amrit Mahotsav)	CHRIST University,Bangalore
6	26-AUG-22	Mrs. P. Menaka	National Seminar on Industry 4.0(Azadi ka Amrit Mahotsav)	CHRIST University,Bangalore
7	26-AUG-22	Mr.S.Dinesh Kumar	National Seminar on Industry 4.0(Azadi ka Amrit Mahotsav)	CHRIST University,Bangalore
8	25-AUG-22	Mrs. P. Menaka	National Conference on Drone Applications in Agriculture	Dr.NGP Arts and Science College
9	25-AUG-22	Mrs. P. Menaka	National Conference on Smart Farming using IOT enabled sensors	Dr.NGP Arts and Science College
10	25-AUG-22	Dr.K.Thenmozhi	National Intellectual Property Awareness Mission	Intellectual Property Office, India
11	10-AUG-22	Dr.A.Adhiselvam	Tech talk on "India-Problems-Oppurtunities"	Computer Science Socceity of India,Coimbatore
12	04-AUG-22	Dr.A.Adhiselvam	Science Festival (Vigyan Utsav)-Intellectual Property Rights	Tamil Nadu State Council for Science and Technology
13	04-AUG-22	Dr.R.Praba	Science Festival (Vigyan Utsav)-Intellectual Property Rights	Tamil Nadu State Council for Science and Technology
14	04-AUG-22	Dr.J.Savitha	Science Festival (Vigyan Utsav)-Intellectual Property Rights	Tamil Nadu State Council for Science and Technology

15	04-AUG-22	Dr.S.Rekha	Science Festival (Vigyan Utsav)-Intellectual Property Rights	Tamil Nadu State Council for Science and Technology
16	28-JUN-22 to 02-JUL-22	Dr. N. Vanitha	Five days International workshop on Research trends and technologies of Computer applications in multi disciplinary stances	The Gandhigram Rural Institute, Gandhigram
17	21-JUN-22	Dr.N.Vanitha	IMA Masonic Rotary midtown mahaveers blood bank	Dr.NGP Arts and Science College
18	25-MAR-22	Dr.N.Vanitha	ICT Tools for Effective English Communication	KPR College of Arts Science and Research
19	20-MAR-22	Dr.N.Vanitha	Webinar on "Fund raising Ideas for community social services"	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore
20	30-SEP-22	Mrs. P. Menaka	WorkShop on Applying Data Science and Analytics to Large-Scale System Design and Optyimization	PSGR Krishnammal College for Women, Coimbatore
21	30-SEP-22	Dr. N. Vanitha	WorkShop on Applying Data Science and Analytics to Large-Scale System Design and Optyimization	PSGR Krishnammal College for Women, Coimbatore
22	10-OCT-22 to 14-OCT-22	Dr.N.Vanitha	Five days Online Faculty Development Programme on "Data Protection and Privacy"	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore
23	07-NOV-22 to 11-NOV-22	Dr.N.Vanitha	Five days Online Faculty Development Programme on "Impact of Artificial intelligence"	Dr. SNS Rajalakshmi college of Arts and Science, coimbatore
24	07-NOV-22 to 11-NOV-22	Mrs.P.Menaka	Five days Online Faculty Development Programme on "Impact of Artificial intelligence"	Dr. SNS Rajalakshmi college of Arts and Science, coimbatore
25	07-NOV-22 to 11-NOV-22	Dr.N.Vanitha	Five days Online Faculty Development Programme on "Impact of Artificial intelligence"	Dr. SNS Rajalakshmi college of Arts and Science, coimbatore

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. A. Adhiselvam	Security for Multipath Routing Protocol using Trust based AOMDV In MANETs	SPECIALUSIS UGDYMAS / SPECIAL EDUCATION	Volume 2 Issue:43, 2022 - Aug	0.7	Google Scholar
2.	Dr. A. Adhiselvam	Reinforced securing of data leakage in Mobile Ad hoc Network (MANET) by hybrid mechanism of identity based encryption (IBE)	International Journal of Health Sciences	Page: 1640-1653, 22-Aug	0.1	Google Scholar
3.	Dr. A. Adhiselvam	Global Knowledge Mining using Bootstrapping Ontology Method	NeuroQuantology	Volume 20 Issue 16 Page 2282- 2288 doi: 10.48047, 22-Nov	0.89	Google Scholar
4.	Dr.K.Santhi	Early Detection and Classification of Apple Leaf Diseases by utilizing IFPA Genetic Algorithm with MC-SVM, SVI and Deep Learning Methods	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	Print: 0974-6846 Electronic: 0974- 5645, 28-07-2022, Vol: 15 Issue No:29, Aug-22	0.67	WoS/UGC
5.	Dr. N. Vanitha	An Investigation of Unmanned Aerial Vehicle Surveillance Data Processing with Big Data Analytics	Springer nature	ISSN: 2197-6511, Sep-22	0.8	Springer

6.	Dr.N.Vanitha	Investigation On Challenges Of Bigdata Analytics In UAV Surveillance	Springer nature	ISSN: 2197-6503, 22-Mar	0.37	Springer
7.	B.M. Rajesh	Adaptive weight butterfly optimization algorithm (AWBOA) based cluster Head selection (CHS) and optimized energy efficient cluster based scheduling (OEECS) approach in wireless sensor networks (WSNS)	International Journal of Systems Assurance Engineering and Management (IJSAM)	ISSN: 022-01726, Published : 26. July 2022	0.56	Springer
8.	Mrs. P.Menaka	Robust Deep Belief Network using Student Learning Behaviour for student Performance Prediction	Journal of Pharmaceutical Negative Results	Volume 13, Special Issue 7, Dec 2022	0.34	Google Scholar
9.	Mrs. P.Menaka	Tuned Relief Significant Feature Selection Algorithm with Fuzzy Multilayer Perceptron Network for Students Learning Style-Based Performance Prediction	Industrial Engineering Journal	ISSN: 0970-2555, Sep 2022	0.65	Google Scholar
10.	Dr.N.Vanitha	Big Data Analytics and Computational Intelligence for Cyber Security	Investigation On Challenges Of Bigdata Analytics In UAV Surveillance	2197-6503	0.4	Scopus

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1	22-FEB-23 & 23-FEB-23	S Vaishnavi	Solo dance	Rathinam College of Arts and science	-
2	22-FEB-23 & 23-FEB-23	K Mahasuwetha	Tamil Speech	Rathinam College of Arts and Science	-
3	22-FEB-23 & 23-FEB-23	N Kanimozhi	Drawing	Rathinam College of Arts and Science	-
4	22-FEB-23 & 23-FEB-23	J Subhashita	Drawing	Rathinam College of Arts and Science	-
5	21-FEB-23	M Pragasthi	Paper Presentation	Navarasam Arts and Science College for Women	-
6	21-FEB-23	T R Thanushree	Paper Presentation	Navarasam Arts and Science College for Women	-
7	17-FEB-23	D Kalpana	Quiz	Rathnavel Subramaniam College of Arts and Science	-
8	17-FEB-23	S K Rakshun Selva	Hands on training	KGISL Institute of Technology	-
9	10-FEB-23	S Sangeetha	Paper Presentation	Hindusthan College of Arts and Science	-
10	10-FEB-23	R Jai Bharathi	Marketing	Hindusthan College of Arts and Science	-
11	10-FEB-23	V Naveen	Marketing	Hindusthan College of Arts and Science	-

12	10-FEB-23	R Muhammed Ashif	Marketing	Hindusthan College of Arts and Science	-
13	10-FEB-23	K Mahasuwetha	Web Designing	Hindusthan College of Arts and Science	-
14	10-FEB-23	T Sri varma	Marketing	Hindusthan College of Arts and Science	-
15	10-FEB-23	M Sri Gnana Baskar	Marketing	Hindusthan College of Arts and Science	-
16	10-FEB-23	P Siva	Poster Designing	Hindusthan College of Arts and Science	-
17	10-FEB-23	S C Sarankumar	Poster Designing	Hindusthan College of Arts and Science	-
18	10-FEB-23	J Rathinasamy	Poster Designing	Hindusthan College of Arts and Science	-
19	10-FEB-23	B Kabilesh	Poster Designing	Hindusthan College of Arts and Science	-
20	10-FEB-23	K L Karan	Poster Designing	Hindusthan College of Arts and Science	-
21	10-FEB-23	M Sedhu vignesh	Poster Designing	Hindusthan College of Arts and Science	-
22	10-FEB-23	M Priyadharshini	Debugging	Hindusthan College of Arts and Science	-
23	10-FEB-23	G Gokul Sankar	Debugging	Hindusthan College of Arts and Science	-
24	10-FEB-23	T Nisha	Web Designing	Hindusthan College of Arts and Science	-
25	10-FEB-23	R Haripriya	Poster Designing	Hindusthan College of Arts and Science	-
26	10-FEB-23	J Subhashita	Poster Designing	Hindusthan College of Arts and Science	-
27	08-FEB-23	S Sangeetha	Connection	Sri Ramakrishna college of arts and science	-
28	30-JAN-23	M Vaishnavidevi	Paper Presentation	Sri Ramakrishna college of arts and science for women	-
29	30-JAN-23	S Viveaka	Paper presentation	Sri Ramakrishna college of arts and science for women	-

30	19-DEC-22	M Nisanth	Paper Presentation	Sankara College of Science and Commerce	-
31	19-DEC-22	S Viveaka	Paper Presentation	Sankara College of Science and Commerce	-
32	04-NOV-22	S K Rakshun selvaa	Paper presentation	Dr.G.R DAMODARAN College of Science	-
33	04-NOV-22	S Abishek	Paper presentation	Dr.G.R DAMODARAN College of Science	-

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1.	06-JAN-23 & 07-JAN-23	Dr.A.Adhiselvam	International Seminar(webinar) on Dynamics of Emerging Business innovation and Trends-Academia Industry Role (DEBIT AIR-2023)	A Study on Cyber Crimes and Cyber Laws in India	Department of Commerce and Financial Studies, Bharathidasan University and Institute of Business Excellence Universitu Teknologi Mara, Malaysia
2.	04-NOV-22	Mrs.P.Menaka	International conference on Advances in Information Technology and Networking	Investigation on Machine Learning in Education	GRD Damodharan College of Science and Commerce
3.	21-FEB-23	Dr.N.Vanitha	International Conference on Challenges and Solutions in DataScience	A Study on applications of Drones in Healthcare	Navarasam Arts and Science College, Erode

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
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1.	01-MAY-22	S.P. Shalini, S. Sowmiya, C. Vichithra,	National Symposium on Cybersecurity in HealthCare	Cybersecurity and it's Applications	Department of Information Technology of Dr.N.G.P. Arts and Science College, Coimbatore
2.	01-MAY-22	S.Madhushree ,S.Brindha	National Symposium on Cybersecurity in HealthCare	Cybersecurity and it's Applications	Department of Information Technology of Dr. N.G.P. Arts and Science College, Coimbatore
3.	11-APR-22	Rakshun Selvaa S.K.	Paper Presentation in International conference	Security Analysis of GPS Spoofing Attack in Military Drone Networks	DR.G.R.DAMODRAN ARTS AND SCIENCE COLLEGE

Book / Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	01-SEP-22	Dr. N. Vanitha	An Investigation of Unmanned Aerial Vehicle Surveillance Data Processing with Big Data Analytics	Springer Nature Scopus Indexed (SCIE)	SEP-22	978-3-031-05752-6
2	01-AUG-22	Dr.J.Savitha	Innovations in ICT Towards Women Education and Women Empowerment	Lambert Academic Publishing	AUG-22	ISBN : 978-81-957709-3-9
3	01-AUG-22	Dr.K.Santhi	Women Empowerment Towards Developing India	Dr.N.G.P. Arts and Science College	AUG-22	ISBN : 978-81-957709-3-9
4	01-AUG-22	Dr.K.Santhi	Role of ICT in Women Empowerment	Dr.N.G.P. Arts and Science College	AUG-22	ISBN : 978-81-957709-3-9

5	01-MAR-22	Dr. N. Vanitha	Book: Big Data Analytics and Computational Intelligence for Cybersecurity.	Springer Nature Scopus Indexed (SCIE)	MAR-22	ISBN:978-3-031-05752-6
6	01-JUL-22	Dr.K.Thenmozhi	Book: Modern Computer Science & Application	IOT Academy	JUL-22	ISBN No: 9789393622075
7	01-JUN-22	Dr.R. Praba	Wireless Sensor Networks under Joint Routing	Dr.N.G.P. Arts and Science College	JUN-22	ISBN No : 978-620-4-98048 -5
8	01-JUN-22	Dr. N. Vanitha	Handbook of Research on Cyber Security In Healthcare	Dr.N.G.P. Arts and Science College	JUN-22	ISBN No : 978-620-4-98048 -5
9	01-JUN-22	Dr. N. Vanitha	Healthcare And Cyber Security-A Study	Dr.N.G.P. Arts and Science College	JUN-22	ISBN No : 978-620-4-98048 -5