Department of Computer Applications

Activities - A.Y. 2020-21

1. Guest Lecture/Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic	Venue	Beneficiary
1.	31-May-21	Mr.P.KrishnaPrasath, Senior Automation Expert, Automation Anywhere, Bangalore	Webinar Robotic Process Automation	Google Meet	BCA Students
2.	31-May-21	Dr.D. Kavitha, Head and Associate Professor, Department of Computer Applications, Sri VidhyaMandir Arts and Science College, Krishnagiri, Tamil Nadu	Webinar Internet of Things	Google Meet	BCA Students
3.	28-May-21	Ms.SavundaryaShanmugam, Senior Project Engineer, Wipro Technologies, Bangalore	Alumni Talk Your Vocation! Your Option	Google Meet	II and III BCA Students
4.	16-May-21	Dr.D.Vimal Raj, Associate Professor, Department of Computer Science, Nehru Arts	Webinar Insight of Python for Data Science	Google Meet	I and II BCA Students

		and Science College, Coimbatore.			
5.	15-May-21	Dr.M.Duraisamy Head, Department of Computer Applications, Thiruvalluvar University College of Arts and Science,Tirupattur	Webinar Features of Robotics Process Automation Tools	Google Meet	II BCA Students
6.	11-Dec-20	Miss S.Ulagammal, Competitive Exam Coacher and Motivational Speaker	Career Opportunities and Future Dreams	Google Meet	I BCA
7.	19-Dec-20	Intra Department Meet		Google Meet	I BCA
8.	04-Dec-20	Satheesh kumar S, Senior Operation Executive, Infosys, Bangalore.	Recent Technologies in IT and Job Market in Pandemic Situation	Google Meet	II BCA
9.	11-Sep-20	Sabarinathan, Manager, Gateway Software Solutions	Web Development	Google Meet	III BCA Students
10.	25-Sep-20	K.Santhosh Kumar, Accent Techno soft	Career Guidance	Google Meet	III BCA Students
11.	30-Sep-20	Nancy JE, Aptitude trainer, Department of Mathematics	Aptitude Training	Google Meet	II & III BCA Students

12.	25-Sep-20	Sabarinathan, Manager, Gateway Software Solutions .	Web Development	Google Meet	III BCA

2. Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1.	27-Feb-21	Cyber Crime Awareness Programme	ChinnaThadagam	I BCA

3. Staff Recognitions

S.No	Name of the Staff	Name of the Award	Name of the Awarding Institution
1	Dr.A.Nirmala	Honour & Recognition to achieve maximum authors contributing for a book	ESN Publications
2	Dr.N.Kumaresh	Reviewer and member of pool reviewers	(NAPSC) Novel Academic Publisher Standard certifications.

3	Dr.N.Kumaresh	Technical and promotion committee – Chairperson	International Conference on Advanced Sciences and Engineering (Virtual Event) organized by UniMAP, Malaysia in Collaboration with SRIT
4	Dr.N.Kumaresh	Technical Chair	2nd International Conference, Recent Trends in Technology, Engineering and Computing Conference (IRTTEC) 2021, Malaysia
5	Dr.N.Kumaresh	Chair person for Technical and Promotion Committee	3rd International Conference on Thermal Sciences and Fluid Flow (ICTSFF), 2021 Malaysia
6	Dr.N.Kumaresh	Resource Person for Webinar on R programming Nuts and Bolts	Department of Management Sciences BBA CA, Sri Ramakrishna College of Arts and Science College, Coimbatore

4. Staff Participation

S. No.	Date	Name of the Faculty	Name of the Workshop/FDP/Training Programme	College
1.	30-May-21	K.Gomathy	Innovation Ambassador Training (Foundation Level)	MoE Innovation Cell and AICTE
2.	31-May-21	Mrs.K.Kavitha	FDP on Enthusiastic E-Teaching	Dr.SNSRajalakshmi College of Arts and Science
3.	31-May-21	Mr.P.Dineshkumar	FDP on Codeless Mobile App Development	Sri G.V.G Visalakshi College for Women, Udeumalpet
4.	16-Apr-21to 17-Apr-21	Mrs.K.Kavitha	Virtual Workshop on RESEARCH AND RELATED TOOLS	CMS College of Science and Commerce, Coimbatore
5.	16-Apr-21to 17-Apr-21	Mrs.K.Gomathy	Virtual Workshop on RESEARCH AND RELATED TOOLS	CMS College of Science and Commerce, Coimbatore.
6.	05-Apr-20 to 13-Apr-20	K.Gomathy	FDP on JAVA PROGRAMMING	Spoken Tutorial
7.	29-Mar-20	Dr.A.Nirmala	E-Seminar on Role of Green IoT and Its Applications	PSG College of Arts and Science
8.	29-Mar-20	Dr.C.Kumuthini	E-Seminar on Role of Green IoT and Its Applications	PSG College of Arts and Science
9.	29-Mar-20	Mrs.K.Kavitha	FDP on Artificial Intelligence and Machine Learning in Biological Data Analysis	PSGR Krishnammal College for Women
10.	12-Mar-20	Mr.P.Dineshkumar	FDP on ICT Tools	Dr.SNSRajalakshmi College of Arts and

				Science
11.	18-Jan-21to 19-Jan-21	Mrs.K.Kavitha	AWARENESS WORKSHOP – NIRF INDIA RANKINGS – 2021 FOR HIGHER EDUCATIONAL INSTITUTIONS	Institute of Academic Excellence, Hyderabad & Collegiate Education &Technical Education Department, Government of Telungana
12.	18-Jan-21to 19-Jan-21	Mrs.K.Kavitha	AWARENESS WORKSHOP – NIRF INDIA RANKINGS – 2021 FOR HIGHER EDUCATIONAL INSTITUTIONS	Institute of Academic Excellence, Hyderabad & Collegiate Education &Technical Education Department, Government of Telungana
13.	07-Dec-20	Dr.D.DeviAruna	Workshop on Artificial Intelligence	Nature research academics
14.	02-Nov-20 to 27-Nov-20	Dr.C.Kumuthini	Wipro Certified faculty program	Wipro
15.	02-Nov-20	Mrs.K.Kavitha	DST-PURSE sponsored Webinar series on ADVANCED COMPUTING	Bharathiar University, Coimbatore
16.	15-Aug-20 to 18 -Aug-20	K.Gomathy	FDP on Boss Linux –Ubuntu Opearting System Language,	Spoken Tutorial
17.	15-Aug-20 to 18 -Aug-20	Dr.C.Kumuthini	FDP on Boss Linux –Ubuntu Opearting System Language,	Spoken Tutorial
18.	15-Aug-20 to 18 -Aug-20	Dr.A.Nirmala	FDP on Boss Linux –Ubuntu Opearting System Language,	Spoken Tutorial
19.	14-Jul-20	Dr.A.Nirmala	Challenges and opportunities in start up and innovation	Mahendar Institute Of Technolgy
20.	14-Jul-20	Dr.C.Kumuthini	Challenges And Oppurtunities In Start Up	Mahendar Institute Of

			And Innovation	Technolgy
21.	14-Jul-20	K.Gomathy	Challenges And Oppurtunities In Start Up And Innovation	Mahendar Institute Of Technolgy
22.	16-Jul-20	Mrs.K.Kavitha	international webminar on 6G technologies	Hindusthan College Of Arts And Science, Coimbatore
23.	17-Jul-20	Mrs.K.Kavitha	FDP on advanced Concepts In Iot	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore
24.	28-May-20	K.Gomathy	ONLINE IIC SESSIONS-	MHRD-INNOVATION CELL
25.	04 May-20 to 09 May-20	Dr.C.Kumuthini	FDP on R Programming	Spoken Tutorial
26.	04-May-20 to 09.05.2020	Dr.A.Nirmala	FDP on R Programming	Spoken Tutorial
27.	04-May-20 to 09.05.2020	K.Gomathy	FDP on R Programming	Spoken Tutorial
28.	28-May-20 to 22-May-20	Dr.C.Kumuthini	ONLINE IIC SESSIONS-	MHRD-INNOVATION CELL
29.	05-Apr-20 to 13-Apr-20	Dr.C.Kumuthini	FDP on Java Programming	Spoken Tutorial
30.	31.	Dr.A.Nirmala	FDP on Java Programming	Spoken Tutorial
32.	33.	Dr.R.Kousalya	FDP on Quality Initiatives In Higher	Dr.N.G.P. Arts and

S. No.	Date			Education	Science College
34.	13-Apr-20 to 20-Apr-20	Mrs.K.Kavitha	FDP on Quality Initiatives In Higher Education	Dr.N.G.P. Arts and Science College
35.	25-Apr-20 to 02-May-20	Mrs.K.Kavitha	FDP on C and CPP	Spoken Tutorial IIT Bombay
36.	28-Apr-20, 30-Apr-20 to 02-May-20	Mrs.K.Kavitha	FDP on Emotional Intelligence	KG COLLEGE OF ARTS & SCIENCE,COIMBAT ORE
37.	28-Apr-20 to 22-May-20	Dr.A.Nirmala	Online IIC Sessions	MHRD-INNOVATION CELL
38.	13-May-20 to 20-May-20	Mr.P.Dineshkumar	FDP on Quality Initiatives In Higher Education	Dr.NGP ASC
39.	04-May-20 10-May-20	Mrs.K.Kavitha	FDP on PHP & MySQL	SPOKEN TUTORIAL, IIT BOMBAY
40.	16-May-20	Mr.P.Dineshkumar	Webinar on VANETS	Nehru college of Engineering and Research, thrissur
41.	29-May-20	Mr.P.Dineshkumar	One day seminar (webinar) on the role of teachers in pandemic period	Kasturi college of education

5. Staff Presentation

S. No.	Date	Name of the Faculty	Name of the Conference	Name of the title	College
1.	20-Jan-21 to 21-Jan-21	Dr.R.Kousalya	IEEE 6th International Conference on Inventive Computation Technologies,	Flexible Access Control With User Revocation In Fog-	RVS Technical Campus, Coimbatore

				Enabled Cloud Computing	
2.	18-Mar-21 to 19-Mar-21	Dr.A.Nirmala	International Conference on Machine Learning and Neural Information Systems	Applications of IoT in Agriculture	Sri VidyaMandir Arts & Science College, Krishnagiri
3.	18-Mar-21 to 19-Mar-21	Dr.C.Kumuthini	International Conference on Machine Learning and Neural Information Systems	Artificial Intelligence and Robotics	Sri VidyaMandir Arts & Science College, Krishnagiri
4.	18-Mar-21 to 19-Mar-21	K.Gomathy	International Conference on Machine Learning and Neural Information Systems	Artificial Intelligence and Robotics	Sri VidyaMandir Arts & Science College, Krishnagiri
5.	18-Mar-21 to 19-Mar-21	Dr.B.Ramya	International Conference on Machine Learning and Neural Information Systems	Early Detection of Lung Cancer and Tuberculosis Using X-Ray Image Analysis	Sri VidyaMandir Arts & Science College, Krishnagiri
6.	18-Mar-21 to 19-Mar-21	Dr.D.DeviAruna	International Conference on Machine Learning and Neural Information Systems	Early Detection of Lung Cancer and Tuberculosis Using X-Ray Image Analysis	Sri VidyaMandir Arts & Science College, Krishnagiri
7.	14-Oct-20 to 18-Oct-20	Dr.C.Kumuthini	International Conference on Advances in IOT, High Performance in Edge Computing	Security Issues in IOT : A Survey	ICT Academy
8.	14-Oct-20 to 18-Oct-20	K.Gomathy	International Conference on Advances in IOT, High Performance in Edge Computing	Security Issues in IOT : A Survey	ICT Academy

| 9. | 14-Oct-20 to 18-Oct-20 | Mrs.K.Gomathy | International Conference on Advances in IOT | High Performance in Edge Computing | ICT 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/SSC I/Scopus
1	Dr.R.Kousalya	Trust Level Evalauation Based Asymmetric Cryptography Protocol For Flexible Access Control In Fog Computing	International Journal of Computer Networks & Communications	ISSN: 0975 -2293, May 2021, Volume-13	-	Scopus
2	Dr.C.Kumuthini	QFNSS based Scheduling Algorithm in Mobile Ad-hoc Networks	Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162 June 2021 Volume 8, Issue 6	7.59	UGC
3	Mrs.K.Gomathy	QFNSS based Scheduling Algorithm in Mobile Ad-hoc Networks	Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162 June 2021 Volume 8, Issue 6	7.59	UGC
4	Dr.D.Devi Aruna	Robust Optimization of electroencephalograph (EEG) Signals for Epilepsy Seizure Prediction by utilizing VSPO Genetic Algorithms with SVM and Machine Learning Methods	Indian Journal of Science and Technology	May 2021 Volume: 14, Issue: 16,	-	Web of Science
5	Dr.A.Nirmala	Applications of IoT in Agriculture	International Journal of Scientific Research in Computer Science,	ISSN : 2456-3307 March-April-2021,	6.135	UGC

			Engineering and Information Technology	Volume: 7, Issue: 2		
6	Dr.C.Kumuthini	Applications of IoT in Agriculture	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3307 March-April-2021, Volume: 7, Issue: 2	6.135	UGC
7	Dr.C. Kumuthini,	Integration of WiFi WithWiMAX Technology in Vehicular Ad-hoc Networks	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3307 March-April-2021, 7 (2) : 35-39	6.135	UGC
8	Dr.C. Kumuthini,	Integration of WiFiWithWiMAX Technology in Vehicular Ad-hoc Networks	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3307 March-April-2021, 7 (2) : 35-39	6.135	UGC
9	Dr.A.Nirmala	Integration of WiFiWithWiMAX Technology in Vehicular Ad-hoc Networks	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3307 March-April-2021, 7 (2) : 35-39	6.135	UGC
10	Mrs.K.Gomathy	Integration of WiFi With WiMAX Technology in Vehicular Ad-hoc Networks	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3307 March-April-2021, 7 (2) : 35-39	6.135	UGC
11	Dr.C.Kumuthini	A Study on Behavioural Analysis of Specific Ransomware and its Comparison with	International Journal of Scientific Research in Computer Science, Engineering and	ISSN : 2456-3307 Volume 2,Issue 4,Feb	6.135	UGC

		DBSCAN-MP	Information Technology	2021,		
12	Dr. R.Senthil Kumar	Smart Parking Application using Deep Learning Framework	International Journal on Science and Research in Network Security and Communication	Volume 8,Issue 4,August 2020ISSN:2321 3256	-	UGC
13	P.Dineshkumar	Survey on stock market prediction techniques in Data Mining process	International Journal of Computer Science Engineering& Technology	Volume 6, Issue 8, August 2020, ISSN: 2455 9091.	6.2	UGC
14	Mrs.K.Kavitha	Ephemeral schnorr signcryption for secure data transaction in cloud	International Journal of Advanced Trends in Computer Science and Engineering	E-ISSN: 2278 – 3091, Aug 2020, Volume 9, Issue 4, Pages 6812 – 6820	0.378	SCOPUS
15	P.Dineshkumar	Analysis and Survey on stock market prediction techniques	International Journal for Research in Science Engineering and Technology,	Volume 7,Issue 7, July 2020, ISSN:2394739X.	-	UGC
16	Dr.A.Nirmala	Block Chain Technology to Revolutionize the Supply Chain Industry and its challenges	Journal of Information and Computational Science	ISSN: 1548-7741 Volume 10 Issue 7 ,July 2020	6.2	UGC
17	Mrs.K. Kavitha	Ruzicka similarity based two factor user authentications for security enhancement in cloud data services	Journal of Interdisciplinary Cycle Research	ISSN: 0022 - 1945, Jun 2020, Volume XII, Issue VI, Pages 1315 -1329	6.2	UGC

7. Book Publications:

S.No	Date	Name of the staff	Name of the Book	Name of the Publisher
1	2020	Dr. R.Kousalya	Recurrent Neural Network for Content Based Image Retrieval Using Image Captioning Model-Computational Vision and Bio-Inspired Computing	Springer
2	Jan-21	Dr.A.Nirmala	IOT, AI AND MACHINE LEARNING	ESN Publications
3	Jan-21	Dr.A.Nirmala,	IOT, AI AND MACHINE LEARNING	ESN Publications
4	Jan-21	Dr.R.Senthilkumar	IOT, AI AND MACHINE LEARNING	ESN Publications

8. MoUs Details

S. No.	Date	Name of the Institution/ University/ Research Lab/ Industries	Purpose	Name of the Department	Beneficiary
1	28-Aug-20	Gateway Software Solutions	Research and Development Collaboration	BCA	Students