

ACTIVITIES OF THE DEPARTMENT OF COMPUTER APPLICATIONS

(Association meetings, Guest Lectures, Celebration of Important days)

S.No	Date	Activity	Topic	Resource person (designation with complete official address)
1.	17.07.2019	(Inaugural)	Recent trends in computer science	Mrs.I.elizabeth shanthi,professor department of computer science, Avinashilingam deemed university for women Coimbatore.
2.	16.08.2019	(Guest Lecture)	Android	Ms.Sruthy Be positive institute for skilling pvt ltd., Coimbatore.
3.	22.08.2019	(Guest Lecture)	Expectations of it industry from freshers	Mrs.S.priya Impiger technologies Coimbatore.
4.	06.09.2019	(Guest Lecture under Comp-tech)	Competitive exam	Ms.Yashmi Ceo , Sankara ias academy Coimbatore
5.	26.09.2019	(Guest Lecture under Comp-tech)	Video editing	Mr.Ajay Ravichandran Operation manager, G-tech company, Calicut.
6.	09.09.2019	(Guest Lecture)	Software testing	Mr.Ravindran Ganesan Gain credit llc Coimbatore.
7.	04.12.2019	(Guest Lecture)	Php & mysql	Ms.E.karthiga Accent technosoft Coimbatore.
8.	06.12.2019	(Guest Lecture Under DBT)	Python programming	Ms.I.mettilda mary Assistant professor Dept of information technology Sri ramakrishna engineering college Coimbatore.

9.	13.12.2019	(Guest Lecture Under DBT)	Technical content writing	Mrs.Geetha P, business analyst, abe semiconductor designs, coimbatore
10	9.01.2020	(Guest Lecture Under DBT)	Big-data	Dr.Mrs.L.thara, assistant professor, department of computer science, psg college of arts and science college, coimbatore
11	05.02.2020	(Guest Lecture Under DBT)	Iot in day to day life	Dr.T.premalatha Assistant professor,department of computer science, vlb janakiammal college of arts & science,coimbatore.
12	07.02.2020	(Guest Lecture Under DBT)	Iot	Mrs.P. Deepika Assistant professor, pg & research department of computer science, hindusthan college of arts & science,coimbatore.
13	15.02.2020	(Guest Lecture Under DBT)	Testing tools	Mrs.S.priya, test lead Impiger technologies Coimbatore
14	17.02.2020	(Guest Lecture under Comp-tech)	Hackathon	Sri nanda gopal Mobile app developer Accent technosoft Coimbatore.
15	18.02.2020	(Guest Lecture Under DBT)	Machine learning in bioinformatics	Mrs.Laxmi Sree b.r Assistant professor, department of computer science, dr.G.r.damodaran college of arts & science,coimbatore
16	18.02.2020 & 19.02.2020	(Under DBT)	App development	Mr.A.ramkumar Android developer & trainer, co-founder of model exam,madurai.
17	19.02.2020	(Guest Lecture Under DBT)	Recent trends on information technology	Mr.Karthick S Assistant professor, department of computer science, psg college of arts and science college, coimbatore.
18	20.02.2020	(Guest Lecture)	Women's empowerment in society	Dr.Navaneeth V ganesh Startup entrepreneur coimbatore.

19	02/03/2020	(Valedictory Function)	Students empowerment	Dr.Miss.R.mary josephine, Associate professor in botany & dean of academics, Nirimala college for women, coimbatore,
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WORKSHOPS, SEMINARS, CONFERENCES, SYMPOSIUMS, HANDS ON TRAININGS ORGANISED BY THE DEPARTMENT

S. No	DATE	TOPIC	RESOURCE PERSON	EVENT
1.	25/09/2019	Innovative thinking in machine oriented applications and security management	Mr.Anthony D'silva Technical Business Analyst, Pulse Software,Sydney,Australia Mr.Francis Kamugisha Iot Full Stack Developer,South Africa. Dr.S.Nagarajan Assistant Professor, Department Of Computer Science, Ambo University,Ethiopia.	VIDEO CONFERENCING
2.	11.12.2019 to 12.12.2019	Designer tools	Ms.Rachel.S, Technical- Development and Mr.Jeevanraj.R from Aakkam industrial Training and Research Institute.	TWO DAYS WORKSHOP (Under DBT)
3.	10.01.2020& 11.01.2020	Selenium tool	Mr.Nagendhran Mani, Senior Test Engineer, Accent Technosoft, Coimbatore.	TWO DAYS WORKSHOP (Under DBT)
4.	10.02.2020 To 13.02.2020	Artificial intelligence in health care and bio-informatics	----	OFF STAGE SYMPOSIUM (Competition Under DBT)
5.	17.02.2020	Emerging technologies in bioinformatics	Dr.P.Lalitha, Professor,Department of Computer Applications,	ONE DAY TECHNICAL SEMINAR

			<p>Hindusthan College of Arts & Science,Coimbatore</p> <p>Dr. V.Kumutha, Assistant Professor, Department of Computer Science, Avinahilingam Institute for Home Science and Higher Education for Women,Coimbatore.</p> <p>Mr.C.Stanly Felix,Assistant Professor,Department of Computing,CIT College,Coimbatore.</p>	(Under DBT)
6.	18.02.2020 & 19.02.2020	App development	Mr.A.Ramkumar Android Developer & Trainer, Co-Founder of Model exam,Madurai.	TWO DAYS WORKSHOP (Under DBT)
7.	20.02.2020	Computing in bio-informatics	<p>Dr.S.Sivashankari, Assistant Professor, Department Bio-informatics ,Nirmala College for Women, Coimbatore.</p> <p>Mr.VibinChandar Head-Training, AzureIt Solutions,Tamale,Ghana,West Africa.</p> <p>Dr.Antony Arul Raj .D,Associate Professor, Department of Software Systems, PSG College of Arts and Science College, Coimbatore.</p>	ONE DAY TECHNICAL MEET (Under DBT)
8.	20.02.2020	Cyber security awareness	Dr.S.Suresh Dean Student Affairs(Kalaingar Karunanidhi Institute of Technology), Coimbatore. Additional Head (National Cyber Security Defense Research Center)	

			<p>Mr.V.M.Prabhakaran Professor in CSE (Kalaingar Karunanidhi Institute of Technology) Coimbatore. (National Cyber Security Defense Research Center)</p> <p>Mr.M.Hari Prasanth Security Engineer, (National Cyber Security Defense Research Center)</p> <p>Mr.E.Vijaya Kumar HOD in Department of MCA (Kalaingar Karunanidhi Institute of Technology) Coimbatore.</p>	Workshop
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MOU/LINKAGES WITH INDUSTRIES

S.No	Date	Department	Name of the Industry Institute	Purpose
1.	19.09.2018	Computer Applications	Adoro Institute of Multimedia	Hands-on-training
2.	30.07.2019	Computer Applications	Be Positive Institute for Skilling Pvt ltd, Coimbatore	Value Added Course
			Refinement Software Solutions, Coimbatore	
			Accent Techno Soft, Coimbatore	

EXPOSURE VISITS

S. No	DATE	CLASS	PLACE	No. of days	No of students	Type
1	22.02.2020	II YEARS	BIOZONE RESEARCH TECHNOLOGIES Pvt Ltd., 7 Kumaran Nagar,Radial	1	19	INDUSTRIAL VISITS

			Road,Zamin Pallavaram, Chennai.			
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BEST PRACTICES OF THE DEPARTMENT

SL. No.	DATE	DEPT	ACTIVITY
1	---	BCA	Value Added Course
			Feed Back
			Admission Software

INCUBATION CENTRE

COURSE	DEPT	CLASS	INDUSTRY	NO. OF STUDENTS ENROLLED
ANDROID APP DEVELOPMENT (Winter Program Training Under DBT)	BCA	II YEARS	Techi 4s Training Solutions, Coimbatore	15

ACTIVITIES RELATED TO FACULTY MEMBERS FACULTY MEMBERS AWARDED Ph.D.,

S. No	Name of the Staff	Date of Regn	Date of Viva-Voce	Title	Name of the Supervisor
1	Dr.K.Gayathri	01.08.2011	05.09.2018	K-means Clustering Data mining techniques	Dr.Marimuthu (Govt Arts College)
2	Dr.S.Beula Princy	01.08.2013	26.10.2018	Analysis of Optic disc segmentation	Dr.S.Duraiswamy (Chikkanna College)

REFRESHER, ORIENTATION COURE, FDP AND TRAINING PROGRAMME ATTENDED BY THE FACULTY

PARTICIPATION OF THE FACULTY IN SEMINARS, CONFERENCES &

S.No	Date	Name of the faculty	Title	Organized by
1.	30.10.2019	Mrs. E. Sylvia	Innovative Teaching Strategies	Curriculum Development Cell, Nirmala College For Women, Coimbatore
		Dr. Mrs. K. Gayathri		
		Dr. Ms. S. Beula Princy		
		Mrs. S. Kulandai Teresa		
		Mrs. M. JudithAcquiline		
		Ms. Muthumalathi		
2.	27.11.2019	Mrs. E. Sylvia	Recent Trends in Techniques in Web Applications development	Department of Computer Science, Computer Applications and Information Technology.
		Dr. Mrs. K. Gayathri		
		Dr. Ms. S. Beula Princy		
		Mrs. S. Kulandai Teresa		
		Mrs. M. JudithAcquiline		
		Ms. Muthumalathi		
3.	28-11-2019 to 29-11-2019	Mrs. E. Sylvia	Web Application Development and Deployment using Spring Framework	Department of Computer Science, Computer Applications and Information Technology.
		Dr. Mrs. K. Gayathri		
		Dr. Ms. S. Beula Princy		
		Mrs. S. Kulandai Teresa		
		Mrs. M. JudithAcquiline		
		Ms. Muthumalathi		

WORKSHOPS

S. No	Date	Name of the faculty	Title of the Seminar Conference Workshop etc	Organizing Committee & Venue
1.	11.01.2020	Dr.K.Gayathri	One Day National Level Symposium on Exploration of Research Innovations: Its Trends and Challenges	Department of Library Nirmala College For Women, Coimbatore.
2.	11.01.2020	Mrs.S.Kulandai Teresa	One Day National Seminar on Tenors in Graph Theory	Department of mathematics (SF) Nirmala College For Women Coimbatore

3.	11.01.2020	Mrs.M.Judith Acquiline	One Day National Seminar on Tenors in Graph Theory	Department of mathematics (SF) Nirmala College For Women Coimbatore
4.	11.01.2020	Ms.M.Muthumalathi	One Day National Seminar on Tenors in Graph Theory	Department of mathematics (SF) Nirmala College For Women Coimbatore
5.	23 rd & 25 th January 2020	Ms.M.Muthumalathi	Third national conference on advanced computing(ncac – 2020)	Department of Computer Science, Bharathiar University, Coimbatore-641 046
6.	11.02.2020	Ms.M.Muthumalathi	National Seminar on “Cyber Security & Ethical Hacking”	St.Paul’s College of Arts & Science For Women, Coimbatore - 25

**BOOKS PUBLISHED
BOOKS PUBLISHED BY THE FACULTY**

S. No	Year	Name of the faculty	Name of the Book	IBBN/ISSN
1	2019	Mrs.E.Sylvia	Enrich Your Python Skills	B084562SDC

PUBLICATION BY THE FACULTY IN JOURNALS

S. No	Year	Name of the faculty	Topic	Name of the Journal	Vol No, Issue No, Pg No with ISSN	Impact factor	Indexing Details
1.	June 2019	E.Sylvia	Intelligence in E-Commerce Business to Improvising the Global Market	The International Journal Of Research and Analytical Reviews(IJRAR)	ISSN 2349-5138	5.75	Google Scholar

2.	September 2019	Dr.K.Gayathri	Text Categorization Based on the relative amount or word Frequency in each classification	The International Journal Of Analytical And Experimental Modal Analysis(IJAEMA)	ISSN NO: 0886-9367	6.3	Scopus Indexed
3.	June 2019	Dr. MS.S.Beula Princy	Enhanced E-Shopping Using K-Means Clustering Techniques	The International Journal Of Research and Analytical Reviews(IJRAR)	ISSN 2349-5138	5.75	Google Scholar
4.	September 2019	S.Kulandai Teresa	Enhanced Clustering Approach Based On Selecting Feature Subset For High Dimensional Data Through The Propositional Foil Rules	The International Journal Of Analytical And Experimental Modal Analysis(IJAEMA)	ISSN NO: 0886-9367	6.3	Scopus Indexed

PAPER PRESENTATION BY THE FACULTY

S.NO	Date	Name of the faculty	Topic	Category	Organizing Committee
1.	20.09.2019	Dr.K.Gayathri	Text Categorization Based on the relative amount or word Frequency in each classification	International Conference	KSG College of Arts and Science Coimbatore
2.	09.01.2020	Dr.K.Gayathri	Applications of Artificial intelligence	National Conference	PSGKrishnammal College for women

3.	10.01.2020	Dr.K.Gayathri	Innovation Teaching in ICT Technology	National Conference	Nirmala College For Women
4.	04.09.2019	Dr.S.Beula Princy	Enhanced E-Shopping Using K-Means Clustering Techniques	International Conference	SNMV College of Arts and Science and Institute of Management Coimbatore.
5.	20.09.2019	S.Kulandai Teresa	Enhanced Clustering Approach Based On Selecting Feature Subset For High Dimensional Data Through The Propositional Foil Rules	International Conference	KSG College of Arts and Science Coimbatore

DETAILS RELATED TO STUDENTS

STUDENT'S PARTICIPATION IN SEMINARS/CONFERENCES/WORKSHOPS

S. No	Date	Name of student	Topic	Name of Conferences/Seminars /Workshops/Training and Organizing Committee	National/ International
1.	5.10.2019	Haleemuthu Sahadiya.M	Enhanced E-Shopping Using K-Clustering Techniques	International conference on E-commerce SNMV College of Arts and Science Coimbatore	International Conference
2.	5.10.2019	Sharon Nisha.A	Enhanced E-Shopping Using K-Clustering Techniques	International conference on E-commerce SNMV College of Arts and Science Coimbatore	International Conference

3.	5.10.2019	Catherine Mary.J	-	International conference on E-commerce SNMV College of Arts and Science Coimbatore	International Conference
4.	5.10.2019	Kalaiselvi.R	-	International conference on E-commerce SNMV College of Arts and Science Coimbatore	International Conference

STUDENT PRESENTATION IN SEMINARS AND CONFERENCES

S. No	Date	Name of student	Topic	Seminar/ Conference/	Organized by
1.	5.10.2019	1. Catherine Mary.J (II BCA) 2. Kalaiselvi.R (II BCA) 3 Priyadharshini .D (II BCA) 4. Rithanya.B (II BCA)	Enhanced E-Shopping Using K-Clustering Techniques	Participation	Conference
2.	5.10.2019	1. Kalaiselvi.R (II BCA) 2. Reetha.E (II BCA)	Cloud Computing	Presented	Intercollegiate Competition
3.	5.10.2019	1. Merlin Mancy.A (II BCA) 2. Haleemuthu Sahadiya.M (II BCA)	Artificial Intelligence	Presented	Intercollegiate Competition

4.	5.10.2019	1.Amirtha.G- (II BCA) 2.Rithanya.B (II BCA)	Review on Area Of Cyber Crime and Preventing The Cyber Theft	Presented	Intercollegiate Competition
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STUDENTS WHO RECEIVED PRIZES IN PAPER/POSTER PRESENTATION

S.No	DATE	Name	Title of the paper	Conference	Organizing Committee
1	20.12.2019	1. Kalaiselvi.R (II BCA) 2. Merlin Mancy .A (II BCA)	Creative Designing	First Prize	Sri Ramakrishna College for Women, Coimbatore.

CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

STUDENT PARTICIPATION IN INTERCOLLEGIATE COMPETITIONS

(Common to CS, CA,IT)

S. No	Event	Organized by	Students Name	Participated / Won
1.	Marketing, Quiz, Debugging, Pubg	Department of Computer Science, Bishop Ambrose College of Arts and Science. Coimbatore.	30 students	Participated
2.	Marketing, Quiz, Debugging, Paper Presentation	KGISL Institute of Information Management, Coimbatore	15 students	Participated
3.	Quiz, Debugging, Marketing, Paper Presentation, web Designing	Hindustan College of Arts & Science	30 students	Participated
4.	Quiz, Debugging, Paper Presentation, Creative Designing	Sri Ramakrishna College of Arts and Science for Women Coimbatore.	24 Students	Participated

5.	Quiz, Debugging, Paper Presentation, Poster Designing,Connexions	Sri Ramakrishna College of Arts and Science (Autonomous) Coimbatore	32students	Participated
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**EXTENSION ACTIVITIES
OTHER EXTENSION ACTIVITIES OF THE DEPARTMENT**

S. No.	DATE	ACTIVITY	PLACE	NO. OF BENEFICIARIES
1	31.08.2019 & 22.09.2019	12- BCA taught C++ to govt school students	Kangeyampalayam village	40 XI Students of Kangeyampalayam village