

**K.M.G. COLLEGE OF ARTS AND SCIENCE**  
**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**  
**ANNUAL REPORT - 2019-2020**

**INTER-COLLEGIATE IT – MEET**

The PG & Research Department of Computer Science organized an Inter – Collegiate IT Meet and Seminar in the name of iBlaze'19 on 5<sup>th</sup> October 2019. Dr. M. Valarmathi, Principal inaugurated and presided over the function. Prof.P.Daniel Sundarraj, Head, Department of Computer Science welcomed the gathering. Chief Guest **Dr.N.Senthilkumar, Assistant Professor**, Department of Computer Applications, School of Information Technology and Engineering, VIT, Vellore, was the resource person and he delivered a fine lecture on **“BIG DATA ANALYTICS AND ITS POTENTIAL APPLICATIONS”**. As many as 150 students from various colleges participated in this mega event. During this IT Meet, the following events were conducted.

1. Paper Presentation Event.
2. Quiz Event.
3. Debugging Event.
4. Web Designing Event.
5. Poster Presentation Event.

At the end of the program, the winners of events were honoured with prizes and certificates..



**Auxilium College of Arts & Science, Vellore won the overall championship Trophy.**

1. **Prof. J.Srinivasan** of our department has submitted his Ph.D Synopsis on 15<sup>th</sup> December 2019.

2. **Prof. R.Saraswathi** of our department has submitted her Ph.D Synopsis on 08<sup>th</sup> January 2020.

**Workshop/Seminars attended by our faculty members in the Academic Year**  
**2019-2020**

S.NO	DATE	TITLE	TITLE & COLLEGE NAME	FACULTY MEMBER ATTENDED THE PROGRAM
1.	19.12.2019	Network Security- Current Challenges	Islamiah College, Vaniyambadi	Prof. P.Daniel Sundarraaj
2.	27.02.2020	Android Mobile Applications	GTMC, Gudiyatham	
27.02	27.02.2020	National Digital Library of India.	VIT, Vellore	Prof. R.M.Balamurgan

**Staff Publication Detail :**

S.No	Staff Name	Title	Journal Name	ISBN /ISSN	Month & year
1.	J.Srinivasan	Improved Load balance in laas using novel weighted threshold Load balance method	JARDCS	1943-023X	Sep'19
		Architecture to improve the resource allocation using cloud laas platform	JIFS	-	Dec'19
2.	G. Shobarani	Text mining with topical and informative measures using semantic ontology	IJITEE	2278-3075	Sep'19
		Efficient Text Mining model with conceptual informative relational measure using semantic ontology	IJITEE	2278-3075	Dec'19
3.	R. Saraswathi	Adaptive Broadcast Routing Protocol using Fuzzy logic system for MANET	IJRTE	2277-3878	Dec'19
		Forward Node Selection	JARDCS	1943-023X	Jan'20

		Using Particle Swarm Optimization (PSO) for Broadcasting in MANET			
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### **ACADEMIC RESULTS:**

The Department produced the following results at the university examinations held in the academic year 2019-20.

<b>SNO</b>	<b>CLASS</b>	<b>RESULTS</b>
1.	B.Sc., CS	76%
2.	M.Sc.,(IT)	100%
3.	M.Phil.,(CS)	100%

### **Department events :**

#### **WORKSHOP & INAUGURATION OF STUDENT ASSOCIATION**

The Department of Computer Science organized the department association on 27.08.2019. Mr. A. George Louis Raja, Dept of MCA, Sacred Heart College, Tirupattur was the chief guest. He gave speech and hands on training in“Data Science”. Our own students participated in it and benefited by this program.

The following students were elected as office bearers of department association

1. President – R. Vijay III B.Sc CS ‘B’
2. Vice-President – V. Kaviya, III B.Sc CS ‘A’
3. Secretary – D. Tamilarasan, II B.Sc CS ‘B’
4. Joint-Secretary – K. Dhakshinamoorthy II B.Sc CS ‘A’

Staff Co-ordinators Prof. N.S.Rajanandam & G.T.Thulasiraman.

## **OUT CAMPUS ACHIEVEMENTS:**

### **Inter-Collegiate Competitions**

The department is constantly encouraging and motivating the students by allowing them to participate in various events conducted by other colleges (Inter-Collegiate competitions).

Following is the detail of students, who participated in the Inter-Collegiate Competitions held at various college premises during the academic year 2019-20.

1. On 12.09.2019, Our students participated in the event SPACE2K19, organized by Sacred Heart college, Thirupathur.
2. On 12.09.2019, Our students participated in the M.M.E.S Women's Arts and Science College, Melvisharam and the following students won prizes
  - a) R.Kowsalya and S.Srimathi won prizes in Quiz event.
  - b) N.Jayalakshmi won a prize in Web Designing.
3. On 30.01.2020, Our students participated in the event SAIT'20, organized by Sacred Heart College Thirupathur., Our students S.Sundar and D.Tamilarasan won prizes in Debugging event.
4. On 27.02.2020, Our students participated in the National Level Workshop on Android Application Development(AAD-2020) which was organized by GTMC, Gudiyatham.