



**WAVOO WAJEEHA WOMEN'S COLLEGE**  
**OF ARTS AND SCIENCE, KAYALPATNAM**  
(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)  
**Run by Wavoo SAR Educational Trust**  
(Minority Institution)



# DEPARTMENT OF COMPUTER SCIENCE

# ANNUAL REPORT 2018-2019



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**DEPARTMENT OF COMPUTER SCIENCE**

**ANNUAL REPORT 2018-19**

<b>S.No</b>	<b>Event</b>	<b>Page No</b>
1	Inauguration	2
2	Guest Lecture	2
3	State level seminar	5
3	Association Competitions	5
4	Faculty Enhancement Activities	5
5	Students Participation and Achievement	8
6	PTA Meeting	9
7	Bridge Course	9
8	Science Day	10
8	Placement	10
9	Educational Tour	10
10	Academic Attainments	10
11	Annexure	11

## **Annual Report 2018-2019**

### **Department of Computer Science**

We, the department of Computer Science feel immense pleasure in documenting our progress and attainments for the academic year 2018 – 2019.

#### **INAUGURATION**

The APEX Association was inaugurated by **Dr.S.Malarkodi,M.Com, M.Phil, Ph.D Principal,GeethaJeevan Arts and Science College, Tuticorin.**

#### **GUEST LECTURE**

The following guest lecturers were conducted for the exposure of students and to make them technically competent (**Annexure 1**).

<b>Date</b>	<b>Event</b>	<b>Chief Guest</b>
25.09.2018	Guest Lecture on Digital Image Processing	<b>Mrs.S.Anitha, MCA,Mphil, SET, (Ph.D) Asst Prof, Dept of Computer Applications, GovindammalAdithanar College for Women, Thiruchendur</b>
12.12.2018	A lecture in “Aware on Operating System”	<b>Mrs.S.V.Anandhi, M.E,(Ph.D), Asst Prof, Dept of Computer Science, Dr.SivanthiAdhithanar College of Engineering, Thiruchendur.</b>
26.12.2018	Guest Lecture on Data Science & its Opportunities in the Job Market	<b>Mr.M.S.MohammedNoohu, B.E., Sales- Microsoft</b>



**Fig.1 Guest Lecture on Digital Image Processing**





**Fig.2. A lecture in “Aware on Operating System”**

## **STATE LEVEL SEMINAR**

The Department of Computer Science and the Department of Information Technology of Wavoo Wajeeha Women's College jointly organized a State Level Seminar on "Ethics of Social Media Analytics" on 28<sup>th</sup> August 2018 between 9.30am and 4.00pm. The Seminar was presided over by our Founder President Alhaj Wavoo.S.Seyed Abdur Rahman. 80 students, 9 faculty members and one Research scholar from neighbouring institutions across the district attended this Seminar.

Dr. S. ShajunNisha MCA., M.Tech., MBA., M.Phil., Ph.D. Research Department Head, and Head of PG Dept. of Computer Science, SadakathullahAppa College, Tirunelveli was the chief guest of the morning session. She discussed the Ethics of Social Media, with live examples. She made the audience to realize impact of social media in the current scenario. In the afternoon session, Dr. M. GethsiyalAugasta, MCA., M.Phil., Ph.D., Assistant Professor, Department of Computer Science, Kamaraj College, Tuticorin addressed the gathering attendees were introduced with Tools and Techniques of Analytics of bigdata. **(Annexure 2)**

## **ASSOCIATION COMPETITIONS**

In order to reinforce the technical expertise of the students, various competitions like Poster Presentation, Debugging, Software Development, Quiz and query creation using oracle, were conducted and the winners are acknowledged. **(Annexure 3).**

## **FACULTY ENHANCEMENT ACTIVITIES**

Staff members have shown their fanatical interest, to participate in faculty developmental programmes organized by reputed institutions. It would enable faculty members to update their research and pedagogical skills and to augment the academic and intellectual environment in the institution. **(Annexure 4).**





**Fig.3. State Level Seminar on Ethics of Social Media Analytics**

**FDP/Seminar Attended by Staff**

<b>Staff Name</b>	<b>Date</b>	<b>Title of the program/paper</b>	<b>Institution</b>
Mrs. A. Nesa Agnes Bellinta	09.08.2018 and 10.08.2018	International Level Seminar on “Perspective areas of Research in Computer Science with Health Care data”	A.P.C Mahalakshmi College, Tuticorin
	15.10.2018	Guest Lecture on the topic “Bio Metrics”	Popes College of Arts and Science, Sawyerpuram
	11.03.2019	Guest Lecture on the topic “BIOMETRICS”	Aditanar College of Arts and Science, Thiruchendur
Mrs. S, N. Sithi Shamila	07.12.2018	State Level Seminar on “Quality Research and Publicatuins”	Manonmaniam Sundaranar University, Tirunelveli
	14/12/2-18 and 15.12.2018	One Day Workshop on NAAC Reforms “Outcome Based Education – An Overview”	V.O.C College, Tuticorin
	7.01,2019	Guest Lecture on the Topic “E-Commerce Vs E-Business”	Govindammal Arts and Science, Tiruchendur
	22.03,2019	National Seminar on “Advanced Trends in Computer Science”	SadakathullahAppa College, Palayamkottai
Dr.Mrs. J. Kavitha	06.07.2018	State Level Seminar on “Recent Trends in Information Technology”	Nazareth Margochis College, Nazerath
	26.09.2016	Guest Lecture on the topic “Exploring Video Processing using MatLab”	Dr.G.U.Pope College of Engineering
	19.11.2018	One Day Workshop on “MOOCs through SWAYAM”	Manonmaniam Sundaranar University, Tirunelveli
	12.2.2019	One day State Level Workshop on “Recent Advances in Machine Learning Algorithm & Matlab Programming	Aditanar College of Arts and Science, Tiruchendur



## **STUDENTS PARTICIPATION & ACHIEVEMENT**

Our Students have Participated in numerous technical contests held at various places such as Sri Saradha College of Arts& Science, Tirunelveli, FX Engineering College and NazerathMargoschis College.They have brought laurels to the department and theinstitution.

### **(Annexure 5)**

The following is the list of activities and events in which our students have participated:

<b>Event</b>	<b>Participation / Prizes Won</b>	<b>Institution</b>
One day State Level Seminar On Recent Trends in Information Technology	E. Baby Subha Lakshmi (P) J. SowmyaKeerthi (P) M. Nivethitha(P) M. Karthika (P) A. Selina (P) V. Krishnaveni (P) R. Mary Robin Litvini (P) R. Anitha (P) S.MadhumathiVinotha (P) T. Logeswari (P)	NazarthMargoschis College
Technical Contents	S.A.T. Mukaddasa (P) A.H. HaniaZainab (P) R. Durga(Second Place) M.FathimaBeevi(First Place) S. J. Raheema (First Place) M. M. RahmaHifaza(First Place) M.F. AthininJisa(P) A.M. FathimaNihara (P) M. Karthika(P)	Sri Saradha College of Arts& Science. Tirunclveli
Technical Symposium and Non-Technical Events	Won over all winner trophy in Technical Events(I Prize in Stress Management, Poster	FX Engineering College, Tirunelveli

	Presentation, Software Marketing, II Prize in Vegetable carving, III Prize in Shot Film, and E-waste	
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## **PTA Meeting**

Parents Teacher Meeting for our Department was conducted on 20.06.2018. 35 Parents of Students attended the meet and shared their feedback.

## **BRIDGE COURSE**

The department plans strategies for the beginners to bridge their knowledge gap to cope up with the programme in which they are enrolled. On the first day of joining, the institution arranges an orientation programme in order to familiarize them with the activities of the college. Following this, a five day Bridge Course is conducted for them to develop their communication skills and basic computer skills. A Freshers' Test for the first year students is conducted after completion of the bridge course ,to scan their skills, abilities and General Knowledge. Students are streamlined according to their learning abilities by means of a diagnostic test, given soon after the admission. (**Annexure 6**)

## **Remedial class**

Remedial classes are conducted in our department, to give exceptional guidance to slow learners. With learning difficulties and to enhance the potential of advanced learners to accomplish more achievements.

## **NATIONAL SCIENCE DAY**

The Department of Physics, Maths, Computer Science and Information Technology jointly celebrated the National Science day on 28.02.2019. In connection with this, competitions such as Pencil drawing, Essay Writing (English& Tamil) and Tamil Verse Writing were conducted.

The competition was conducted for science stream. The Judge for pencil drawing was Miss.S. Mahalakshmi, Assistant Professor Department of Computer Science and Essay Writing in English were Mrs.M.S.HazeenaBegam, Assistant Professor Department of Information Technology and Essay Writing in Tamil was Miss.S.Malathi, Assistant Professor Department of Maths and Verse Writing in Tamil was Miss. A. Jai Nirmala, Assistant Professor Department of Physics. Students participated earnestly in the competition and the prize winners are announced. (Annexure 7)

### **PLACEMENT**

Awesome achievement of our students is that they have promoted their professional development by attaining placements in reputed companies and organisations. (Annexure 8)

### **EDUCATIONAL TRIP**

42 students have been taken to Cochin on 08.02.2019 in order to promote their exposure in informal learning.(Annexure 9).

### **ACADEMIC ATTAINMENTS:**

In collaboration with **ICTACT**, we have conducted a course on a trending perception **Big data Analytics(R Programming)** for our students from which 32 were benefited (Annexure 6).

Our Department students brought laurels by securing centum pass percentage in the University Examinations. 43 students appeared and all came out with success out of which 26 passed out with distinction.

One of the Department's incredible achievements is that our students have acquired the following University Ranks(Annexure 10)

### **CONCLUSION**

Thus, the activities of our department lucratively came to an end with splendid accomplishment of our students and the dedication of our faculty members in imparting knowledge to the students.

## Annexure 1

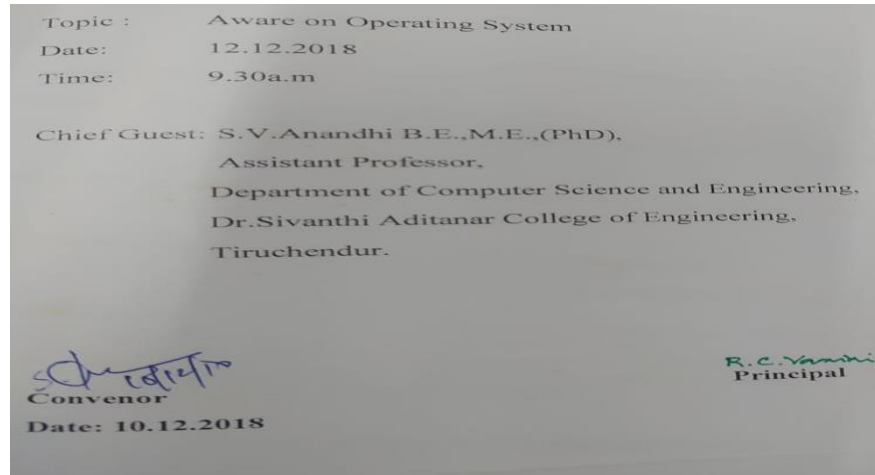


Fig 4. Circular for Guest Lecture

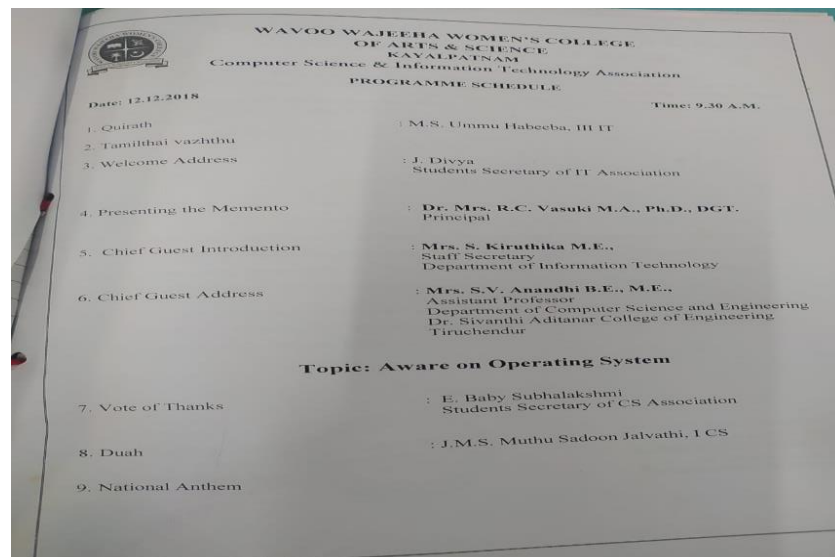



Fig.5 Program Sheet for “Aware on Operating System”



 <b>WAVOO WAJEEHA WOMEN'S COLLEGE OF ARTS &amp; SCIENCE KAYALPATNAM</b> Computer Science & Information Technology Association <b>PROGRAMME SCHEDULE</b>	
<b>Date:</b> 28.09.2018	<b>Time:</b> 11.30 A.M.
1. Quirath	: M. Fathima Beevi, III CS
2. Tamilthai vazhthu	
3. Welcome Address	: J. Divya Students Secretary of IT Association
4. Presenting the Memento	: Dr. Mrs. R.C. Vasuki M.A., Ph.D., DGT. Principal
5. Chief Guest Introduction	: Mrs. S.N. Sithi Shamila MCA., MBA Staff Secretary Department of Computer Science
6. Chief Guest Address	: Mrs. S. Anitha MCA., M.Phil., (Ph.D.), SET Assistant Professor Department of Computer Application Govindammal Aditanar College for Women Tiruchendur
<b>Topic: Digital Image Processing</b>	
7. Vote of Thanks	: E. Baby Subhalakshmi Students Secretary of CS Association
8. Duah	: M.S. Ummu Habeeba, III IT
9. National Anthem	

**Fig.6 Program Sheet for “Digital Image Processing”**

## Annexure 2


**Steering Committee**  
**Chief Patron:**  
 Alhaj.WAVOO S.SEYED ABDUR RAHMAN  
 Founder President

**Co- Patrons:**  
 Haji WAVOO M.M. MOHUTHAZEEM, B.A (CS)  
 Secretary  
 Haji Hafiz WAVOO S.A.R. AHMED ISHAQUE, Aalim,  
 M.A. Azhari (Egypt)  
 Asst. Secretary

**Chair Person:**  
 Dr. (Mrs).C.VASUKI, M.A.,Ph.D.,DGT.  
 Principal  
 Dr. (Mrs). MERCY HENRY, M.A., Ph.D.,  
 Director

**Convenors:**  
 Mrs. J. Sharmine Mary Janaki M.Sc. (IT)., M.Phil,  
 Head, Dept of Information Technology  
 Mrs. A. Nesa Agnes Bellinta M.C.A., M.Phil.  
 Head, Dept of Computer Science

**Organizing Members:**  
 Mrs. S. Nalayirem M.C.A.,  
 Mrs. S. N. Sithi Shamila M.C.A., M.B.A.(HR)  
 Miss. S.Mahalakshmi M.Sc.,M.Phil  
 Miss.P.Nivetha M.E.  
 Mrs.S.M.Jainul Rinosha M.C.A., M.Phil,  
 Mrs. S.Kiruthika M.E.  
 Dr.J.Kavitha M.C.A., M.E., Ph.D. SET  
 Miss .A.Ashika Nasrin M.C.A.,



**Wavoo Wajeetha Women's College  
of Arts and Science**

**Run by : Wavoo SAR Educational Trust**  
 [Affiliated to Manonmaniam Sundaranar University]  
**Tiruchendur Road, Kayalpatnam 628 204,**  
 Thoothukudi District, Tamil Nadu.  
 Tel: 04639-280900, Tele Fax: 04639-284499  
 Website: www.wavoo.wajeethacollege.com  
 E-mail: wavoo\_college@yahoo.co.in

**State Level Seminar  
On  
Social Media Ethics**

**28, August 2018**

**Organized by**  
**Department of Computer Science  
&  
Department of Information Technology**

**Contact Reference:**  
 Mrs.S. Nalayirem  
 9659515271

**Contact Reference:**  
 Mrs.S.N.Sithi Shamila  
 9894174591

### Our Institution

Wavoo Wajeeha Women's College came into existence in the year 2006-07 with a mission of offering quality education to the cause of rural women. It had a modest beginning with nearly nine programs of study in under-graduation levels and three in post-graduation level. But, in due course of time this college has started showing its mark of excellence in various fields of academic and social activities, and thereby it has earned an enviable reputation. The college was started by a philanthropist **Alhaj. Wavoo.S.Seyed Abdur Rahman** who, through his tireless social services for the sake of community, has won the admiration and respect of all. The founder has a very rich and varied experience in the matters connected to various fields of administration thanks to his dedicated services in different spheres of social life.

### Department of Computer Science & Information Technology

The Department of Computer Science was established in the year 2006 and Department of Information Technology in the year 2008 with a view to fulfil the dynamic needs of IT sector all over the world. The departments endeavour to educate students to acquire technical expertise and knowledge in the field of Information Technology to enable them to communicate and use that knowledge constructively for the benefit of the society. The students are trained in critical areas like programming, networking, web systems, information management and human computer interactions. We have been an associative member of **ICTACT, Tamil Nadu** Since 2011. Our Students and staff are get trained regularly in .Net Technologies, Cloud Computing, Hadoop Framework, Big data Analytics and Mobile App through intensive training Programs.

### About the Seminar

Social media should be a part of a business and business should not entirely be social media. Communicating online is different from communicating in person or printed messages. Be aware of all the different aspects of social media who sees your message, who is sharing messages and what are they sharing. Take responsibility for any online behaviour positive and negative and understand the logic behind having an online presence. Social media is becoming more and more legitimate in both the professional and personal world. Being ethical and having a code of ethics for your social media campaign or even for your own personal social media channels, is vital to stay successful.

Hacking social networks is a regular occurrence over the Internet around the world every second. Hacking is identifying weakness in computer systems or networks to exploit its weaknesses to gain access. Email, Instagram, Twitter, Youtube, Facebook and other online accounts are being hacked. Even if you are having strong passwords and taken extra security measures, yours accounts are not safe from hackers. In many cases, high security it can be helpful for hackers. It is hoped that this seminar will help the students' participants and faculty members of various colleges to face the security threats in the field of network.

### Agenda:

- 9.00 am - Registration opens
- 9.45 am - Inauguration
- 10.30 am - Session I - Social Media and its Ethics
- 1.00 pm - Lunch
- 1.45 pm - Session II Vigilance of Hacking Tools and Techniques
- 4.00 pm - Closing

### Resource Person

1. **Dr. S.Shajun Nisha, M.C.A.,M.Tech.,M.B.A.,Ph.D.**  
Assistant Professor & Head,  
PG Department of Computer Science,  
Sadakathullah Appa College,  
Tirunelveli.

Topic: Social Media Ethics

2. **Dr. M.GETHSIYAL AUGASTA, MCA.,M.Phil,PhD.(SET)**  
Assistant Professor, Department of Computer Science,  
Kamaraj College, Tuticorin

Topic: Ethical Hacking Technical Tools

### Instructions:

1. Registration Fee: Rs. 100/- for Student, Faculty and Research Scholar.
2. The participants (women only) shall be faculty members, graduate and postgraduate students of Information Technology, Computer Science and Computer Applications.
3. A maximum of 7 Participants from each institution are permitted accompanied by one faculty.
4. Working Lunch and Seminar Kit will be provided for all the registered Participants.
5. Interested participants can contact the coordinators in the given contact numbers on or before 17/08/2018.

Fig. 7 Seminar Brochure

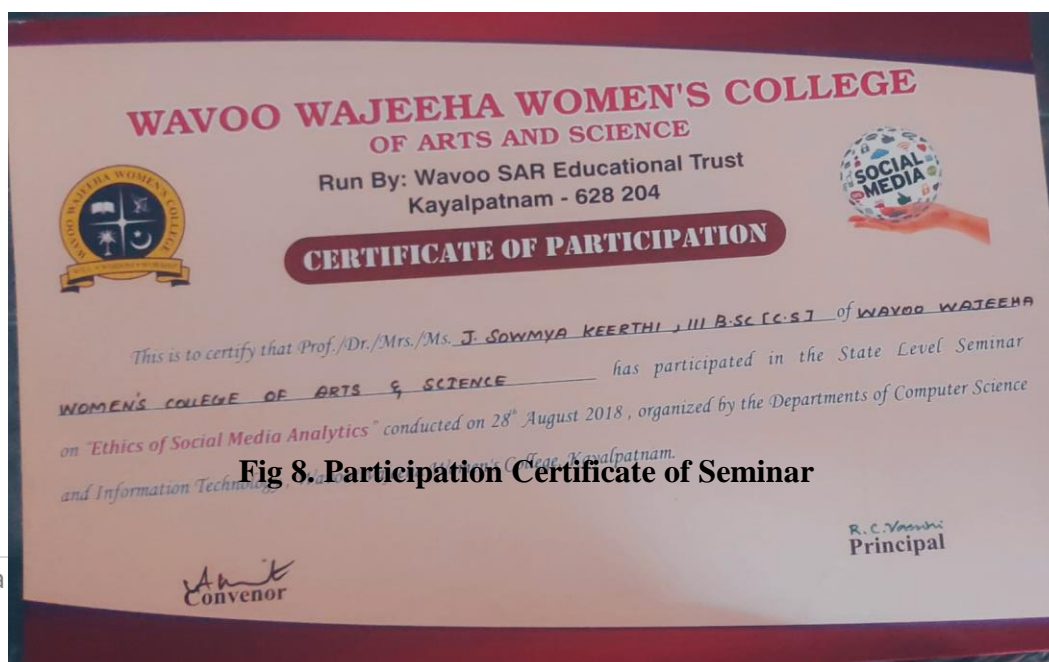


Fig 8. Participation Certificate of Seminar

### Annexure 3

<b>Poster Presentation in Recent Trends -29.09.2018(I year)</b>		
<b>S.No</b>	<b>Name</b>	<b>Place</b>
1	J.H.FASHILA BANU S.J.RENOSHA HAMEETHA BEGAM G.ESAKKIAMMAL	I
2	J.M.S.MUTHU SATHOON JALVATHI M.I.MUTHU MYMOON A.N.NABISATH THAHIRA	II
3	V.VIDHYA M.ESAIVANI J.JOSILDA	III
<b>Debugging in C &amp; C++- 29.09.2018 (II year)</b>		
1	FATHIMA NACHI. S. H MARIA ROSEMEY.J.	I
2	MATHANATHAMARAI.M. SEYED AYISHA SITHIKA.K.	II
3	HEMAMALINI.A. HAJJISAFRINA. V	III
<b>Technical Quiz – 29.09.2018 (III year)</b>		
1	MADHUMATHI VINOTHA. S & HANIA ZAINAB. A. H	WINNER
2	ATHININ JISA M. F & MUKADDASA .S. A .T.	RUNNER

**Table 1. Prize Winners List–Odd Semester**

<b>Debugging in C&amp; C++ -18.02.2019(I year)</b>		
<b>S.No</b>	<b>Name</b>	<b>Place</b>
1	K.SORNALAKSHMI E.MUTHARASI	I
2	T.FATHIMA THASNEEM FIRDHOUS M.RAJESWARI	II
3	MAHARASI @ RAJESWARI.C NABISATH THAHIRA. A.N	III
<b>Software Development in Visual Basic -18.02.2019(II Year)</b>		
1	FATHIMA NACHI. S. H. S.UMA	I
2	MUTHU AYSHA RIFKA. N. K. M. R.VIJI	II
<b>Query Creation using Oracle-18.02.2019 (III Year)</b>		
1	DURGA. R. UMA LAKSHMI. J.	I
2	FATHIMA NIHARA. A. M. SOWMYA KEERTTHI. J	II
3	MUKADDASA. S. A. T. MUTHULAKSHMI. S.	III

**Table 2. Prize Winners List–Even Semester**



## Annexure 4

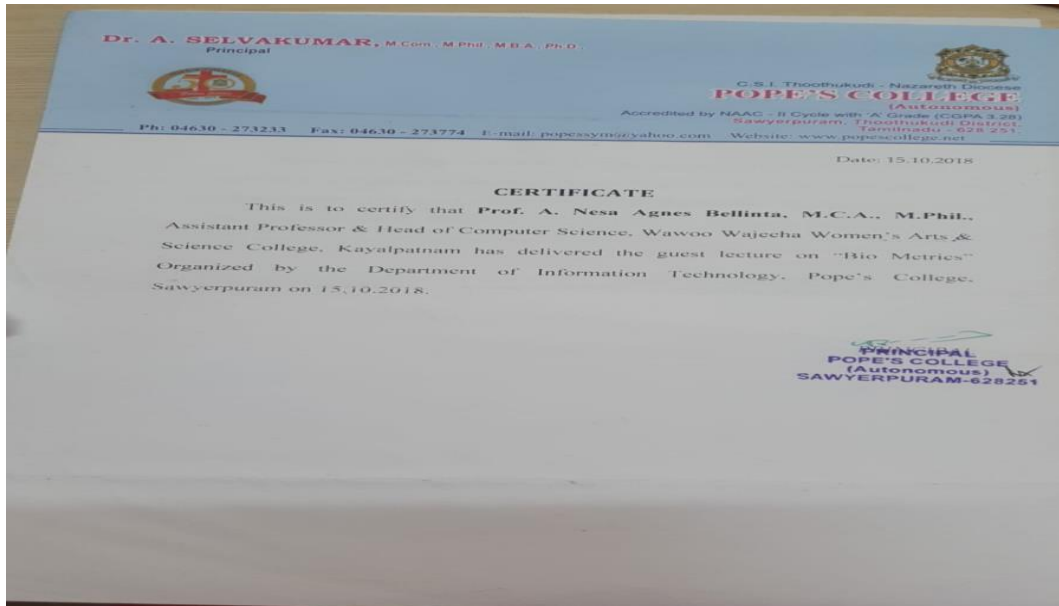


Fig 9. Certificate for Guest Lecture on Bio Metrics

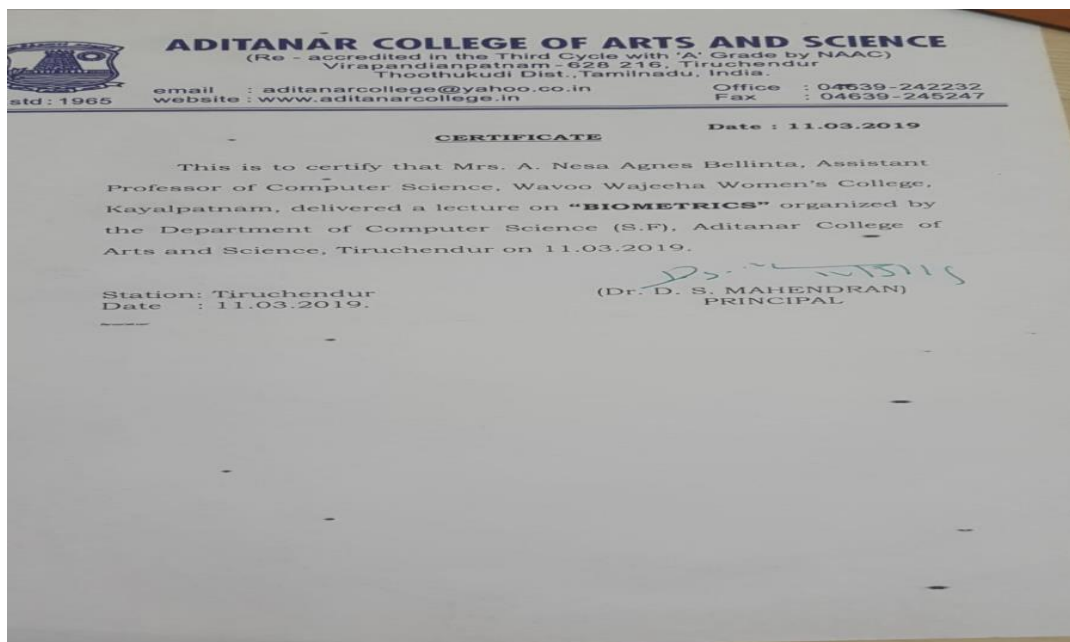
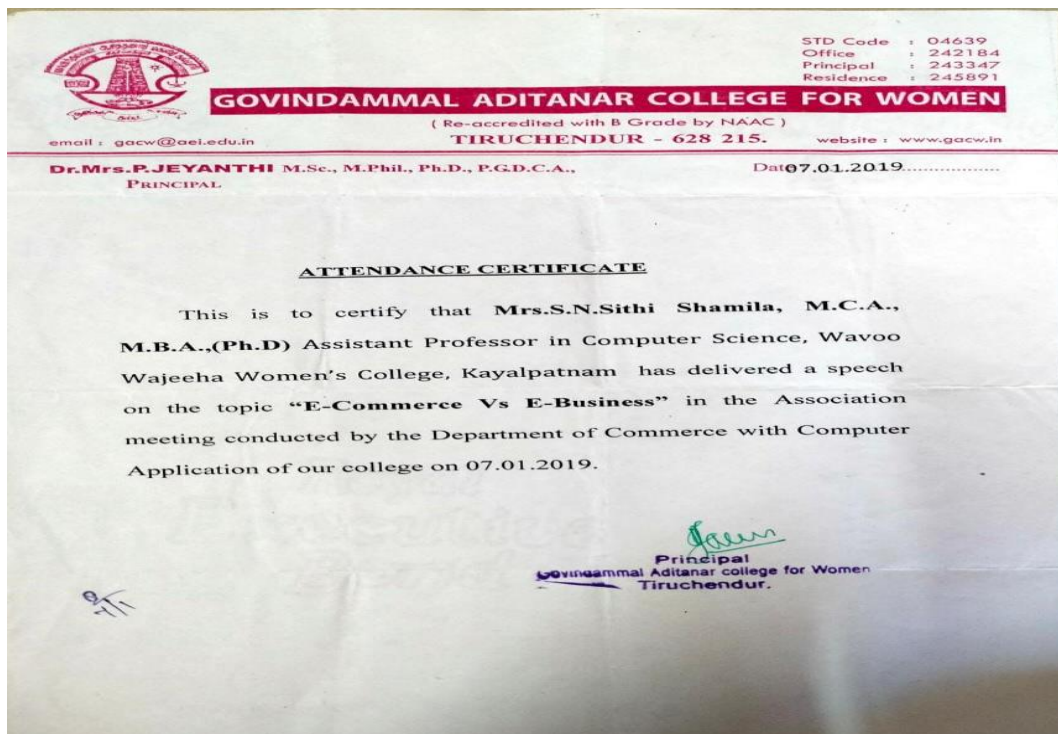
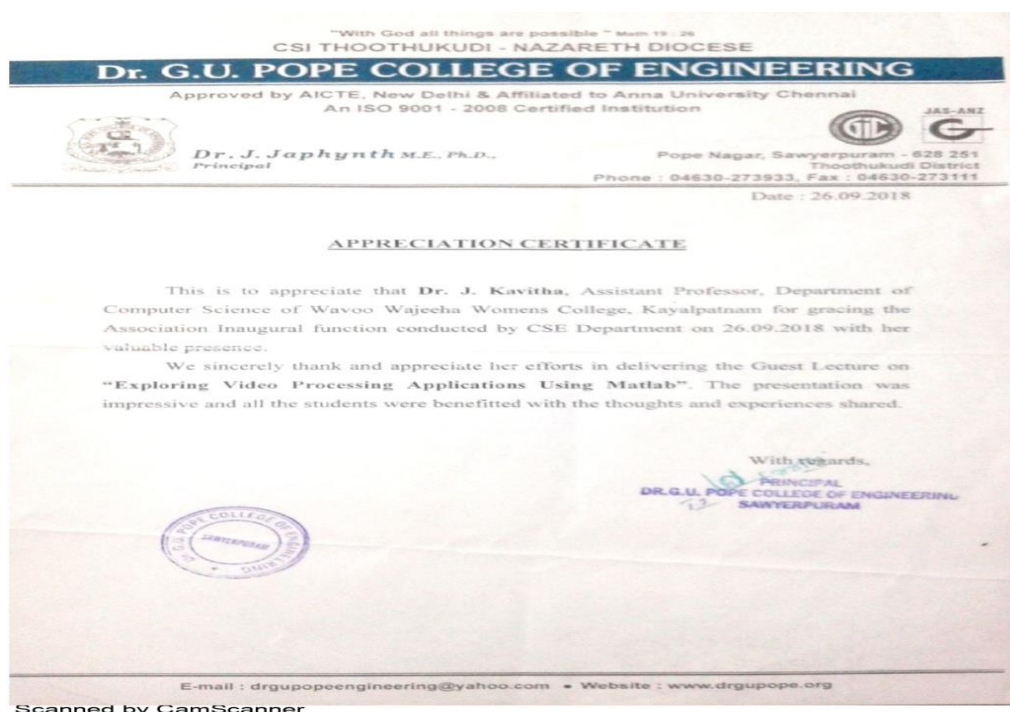


Fig 10. Certificate on Guest Lecture on BIOMETRICS



**Fig 11. Certificate on Guest Lecture on E-Commerce Vs E-Business**



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**Fig 12. Certificate on Guest Lecture on Video Processing Applications**

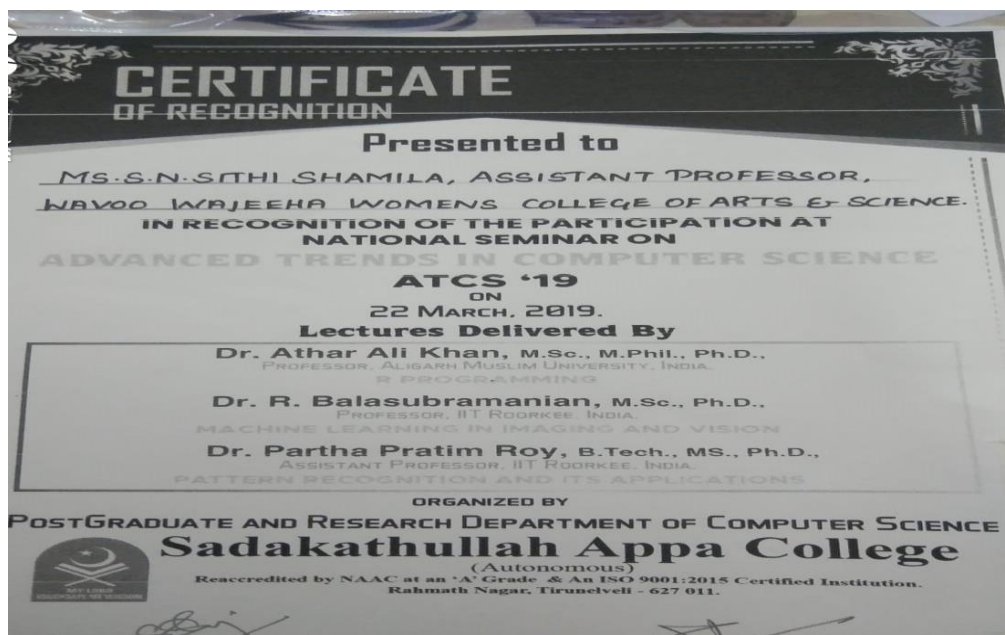


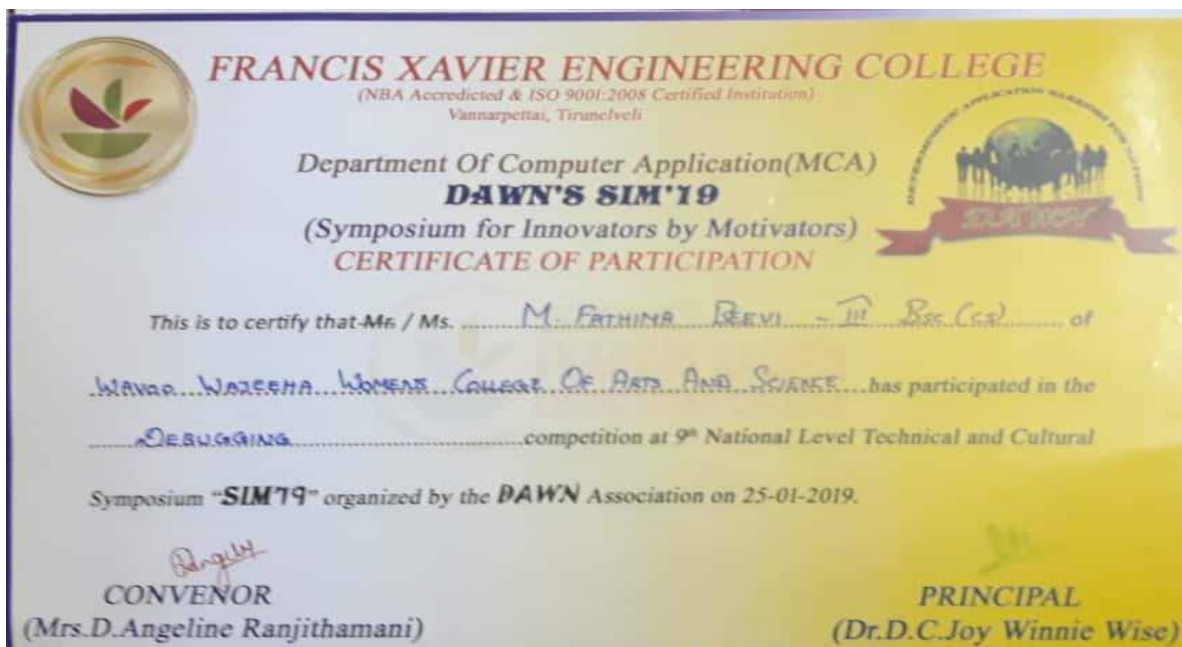
Fig 13. Participation Certificate



Fig 14. Participation Certificate of Workshop



**Fig 15. Participation Certificate of Workshop  
Annexure 5**



**Fig 16. Student Participation Certificate at Symposium**





Fig 17. Participation Certificate of Seminar

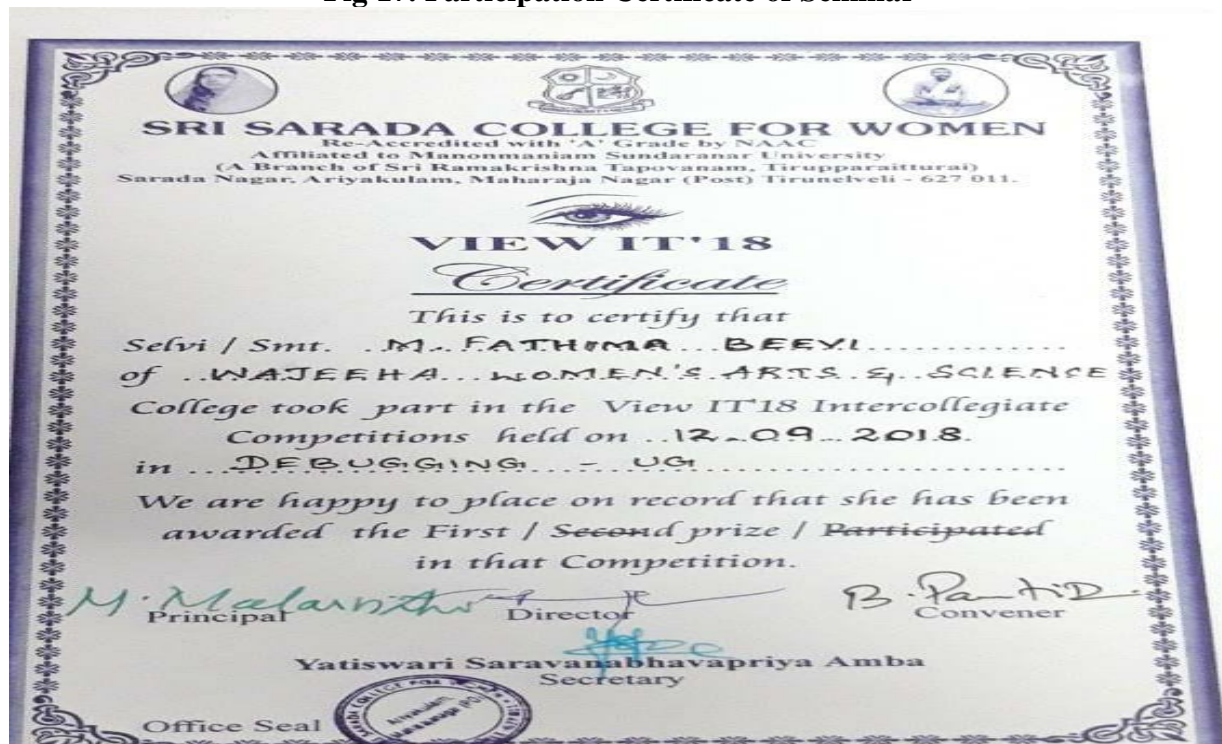


Fig 18. Participation Certificate of Workshop

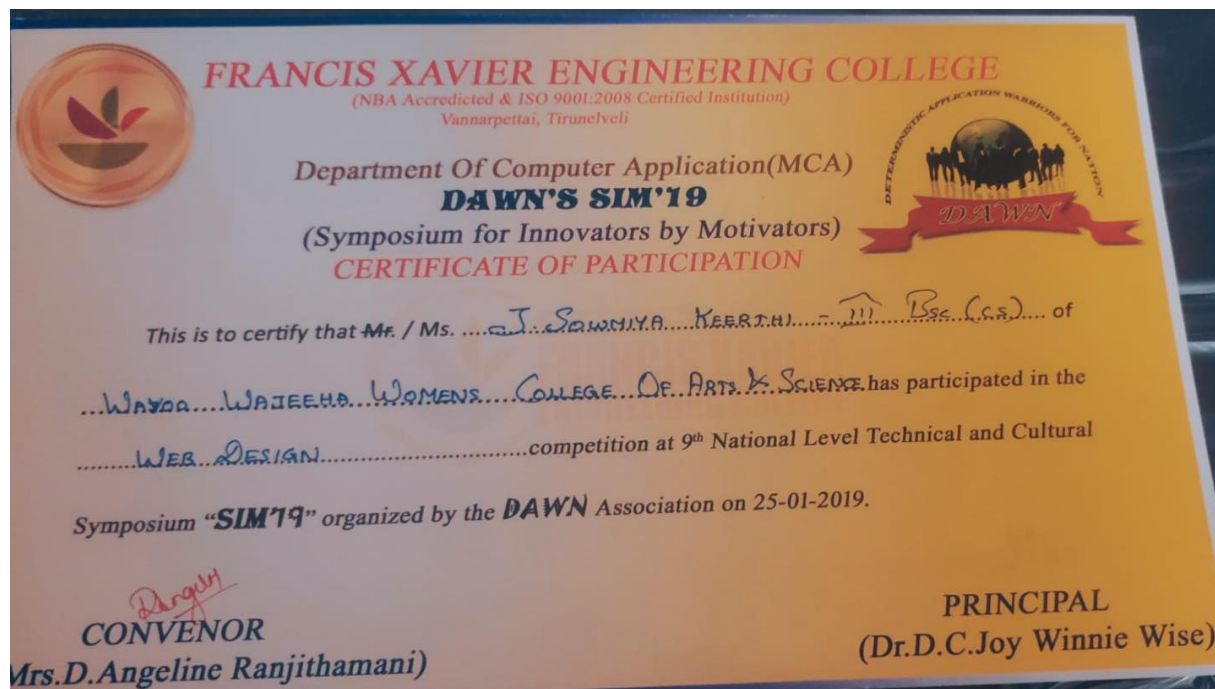


Fig 19. Participation Certificate of Workshop

#### Annexure 6

S.No	Staff Name	Topics Handled	Duration
1	Mrs.A.Nesa Agnes Bellinta	Evolution of Computer	20.6.2018- 26.6.2018 (5 days)
2	Mrs.S.N.Sithi Shamila	Operating System	
3	Mrs.J.Kavitha	Introduction to Computer Science	
4	Miss.S.Mahalakshmi	Computer Networks	
5	Miss.A.Asika Nasrin	Basics of Computer	

Table 3. Bridge Course topics Details

### Annexure 7

S.NO	Events	Students Name	Class	Place
1	Pencil Drawing	T.SibbiChequvera	III Physics	I
		S.Shabana	I Maths	II
		M.Saranya	II CS	III
2	Essay Writing (English)	V.Vidhya	I CS	I
		M.A.HameedaSafreen	I Physics	II
		J.H.Biseriya	III IT	III
3	Essay Writing (Tamil)	S.A.SithiFouziya	II Maths	I
		M.A.ZainambuNachi	III CS	II
		C.Muthu Lakshmi	I Physics	III
4	Verse Writing (Tamil)	E.Parameswari	I Maths	I
		D.Narmada	III CS	II
		S.Revathi	II CS	III

**Table 4. National Science Day Prize List**

## Annexure 8

S. No	Name And Address	Company Address	Salary
1	Miss.R.Thanalakshmi,13/11.lakshmipuram,Nalumavadi,Phone:8124476740	Mukkuperi Co-op Urban Bank LTD,Kurumbur-628207,Ph:04639 235249	
2	Miss.B.Kanagalakshmi,9/140,main Road,Alagappapuram,Kurumbur,ThothukudiDist	0.212 Nazareth Urban CO-Operative Bank Ltd,Margoschis Road,628617,Ph:04639-279455,Email:nazcoopbank@gmail.com	
3	Miss.E.SubaithaAfrin,Thirumalnagar,2 <sup>nd</sup> main Road,Sembakkam,Email:afrineliyas@gmail.com	Online KAM	
4	Miss.Anithaph NO:6385471453	4N Tech solutions,2/172-4,Big Muslim Street,Aladivilai,Kurumbur-628207	Rs.5000 per month
5	Miss.D.NaramathaPh no:6385432852	HDB Financial Services	
6	S.fathimaMufitha ,5c6 ,Bye pass Road ,Kayalpatnam	Lab Assistant ,Wavoo Wajeeha Womens College of arts and Science	
7	M.Muthu Lakshmi ,14/179E UchhiMahali Amman KovilStreet,Kayalpatnam	Lab Assistant ,Wavoo Wajeeha Womens College of arts and Science	
8	R.MuthuSilam Arasi,9/82 ,Vinayagarstreet,Arumuganeri	Lab Assistant ,Wavoo Wajeeha Womens College of arts and Science	

**Table 5. Placement Details**



## Annexure 9

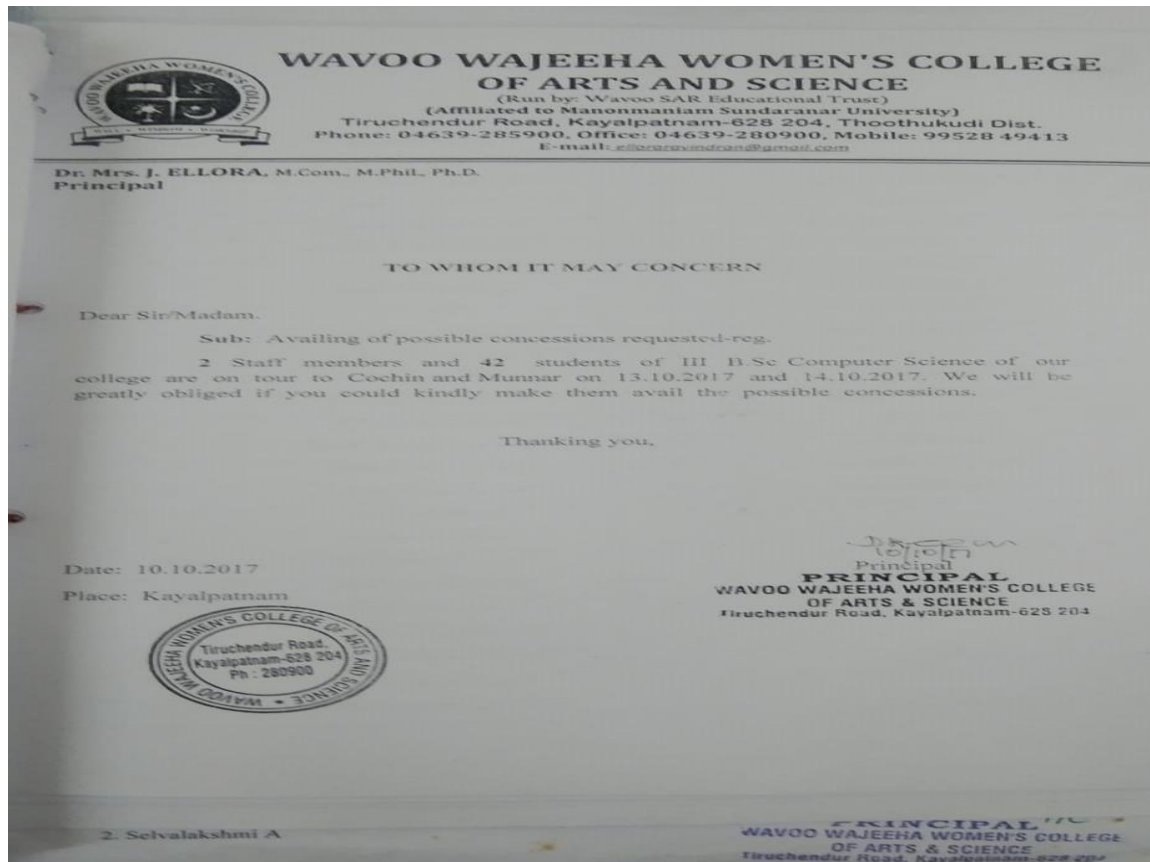
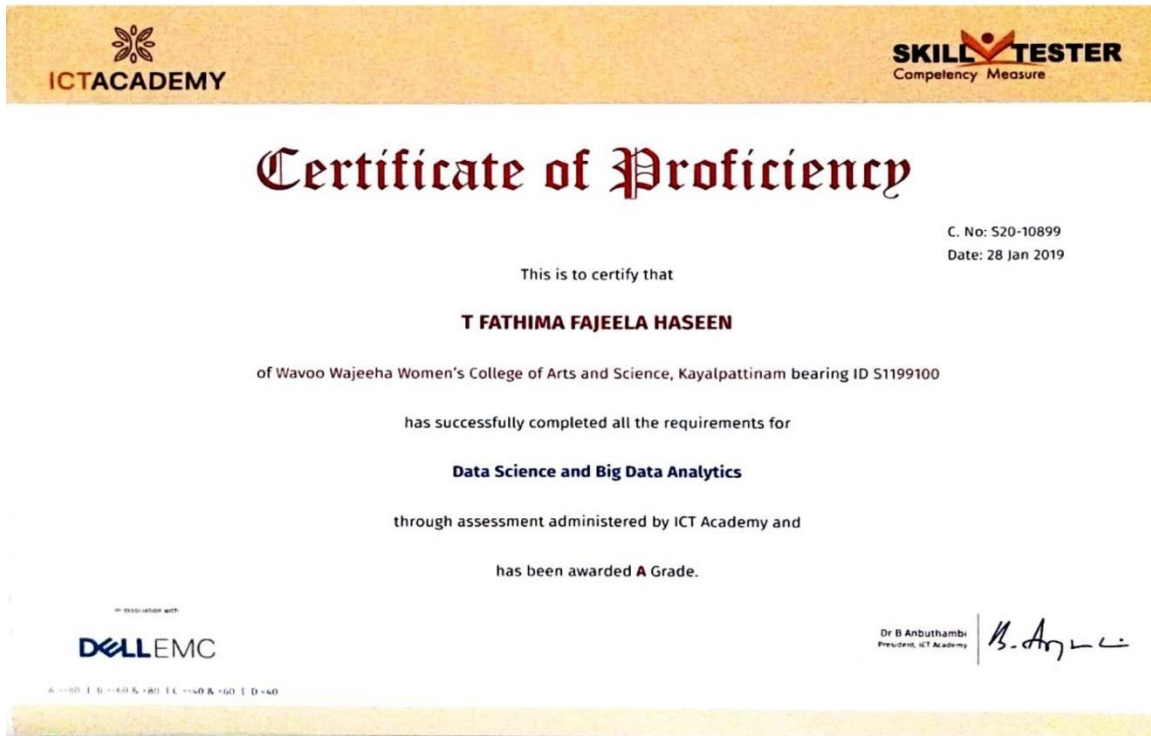


Fig 20. Consession Letter for Educational Trip

## Annexure 10



**Fig 21. Certificate of Data Science and Big Data Analytics**

### University Rank List

S.No	Register Number	Name of the Student	Rank
1	15410896	AyieshaSiddeeka. L. H	9
2	15410923	RaabiyaRaafidha M.A	11
3	15410896	Katheeja Nasrin. V. K. M	17

**Table 6. (Batch 2015 – 2018)**