



**DEPARTMENT : INFORMATION TECHNOLOGY**

**ACTIVITY : FACULTY EXCHANGE PROGRAM**

**YEAR : 2023 – 2024**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

DATES	TIME	VENUE	MODE
12.02.2024 to 16.02.2024	10:00 a.m. to 12:00 noon	Ayya Nadar Janaki Ammal College, Sivakasi	Online
Nature of the Activity		Faculty Exchange Program	
Title		Cryptographic and Cyber Security	
Convener		<b>Mrs. R.Boomadevi</b> Head, Assistant Professor of IT EMGYWC	
Resource Persons		<b>1. Mrs. G.Amudha</b> <b>2. Mrs. S. Sumathi</b> Assistant Professors of IT E.M.G. Yadava Women's College.	
Collaborating Institution		<b>Academic Collaboration (MoU)</b> Ayya Nadar Janaki Ammal College, Sivakasi	
Meeting Link		<a href="https://meet.google.com/icc-ydmc-guy">https://meet.google.com/icc-ydmc-guy</a>	
No. of Participants		ANJA College PG Students - 23	

**FEP ON "CRYPTOGRAPHIC AND CYBER SECURITY"**

**Objectives:**

- Foster a collaborative environment between the two institutions to share knowledge, resources, and expertise in Information Technology and Computer Science.
- Provide faculty members with opportunities to engage in professional growth through exposure to different teaching methodologies, research practices, and academic environments.

## **E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE**

### **Programme Outcomes:**

- Faculty members gained valuable insights and new perspectives on teaching methodologies, research techniques, and academic best practices from their counterparts.
- Participants integrated new instructional strategies and technologies learned during the exchange into their own teaching, leading to improved course delivery and student engagement.

### **Photographs**



## E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE



Faculty Exchange Programme - ... y (2024-02-19 11:30 GMT+5:30) Open with Share

**CYBER SECURITY**

**UNIT – III**  
**KEY MANAGEMENT**

By  
**Mrs. S. Sumathi**  
Assistant Professor  
Department of Information Technology  
EMG Yadava Women's college  
Madurai - 14

Mrs. S. Suma...



Faculty Exchange Programme - ... x Faculty Exchange Programme - ... x

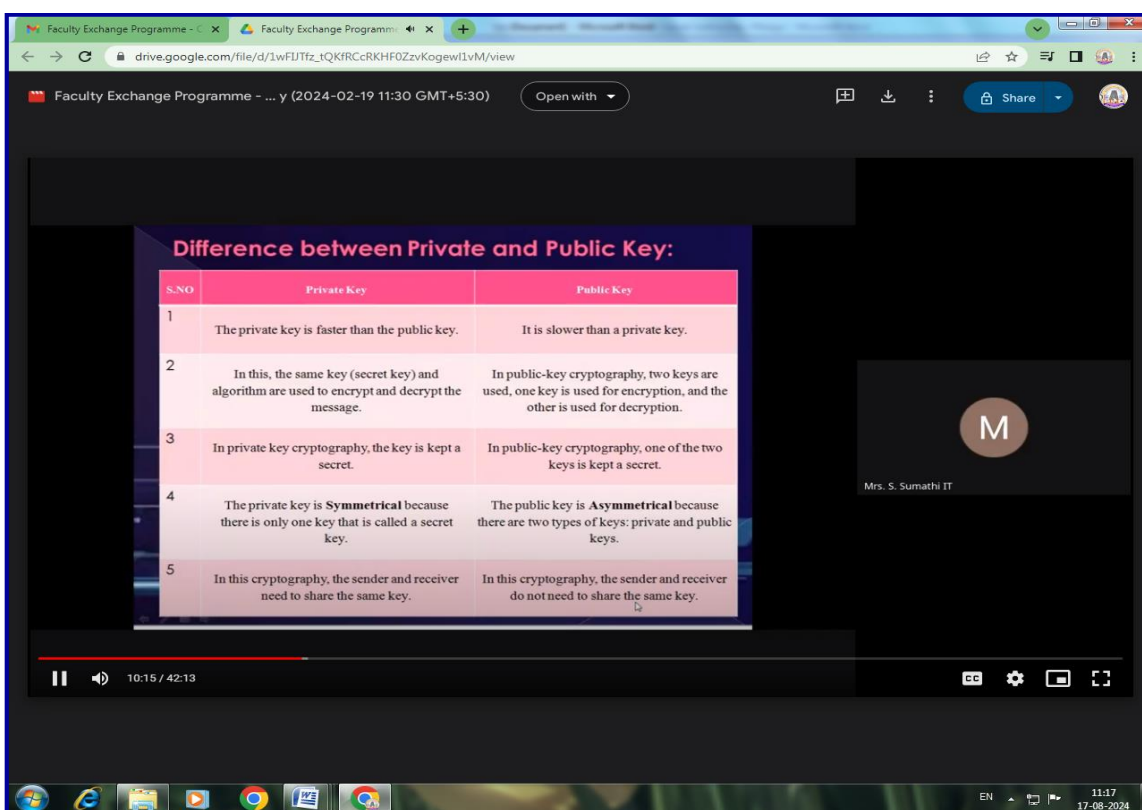
drive.google.com/file/d/1wFUJfz\_tQKfRCcRKHF0ZvKogewl1vM/view

### What is cyber security?

- **Cyber security** is the practice of protecting systems, networks, and programs from digital attacks.
- Cyber security is how individuals and organisations reduce the risk of cyber attack.

0:35 / 42:13

EN 11:15 17-08-2024



Faculty Exchange Programme - ... y (2024-02-19 11:30 GMT+5:30)

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### Difference between Private and Public Key:

S.NO	Private Key	Public Key
1	The private key is faster than the public key.	It is slower than a private key.
2	In this, the same key (secret key) and algorithm are used to encrypt and decrypt the message.	In public-key cryptography, two keys are used, one key is used for encryption, and the other is used for decryption.
3	In private key cryptography, the key is kept a secret.	In public-key cryptography, one of the two keys is kept a secret.
4	The private key is <b>Symmetrical</b> because there is only one key that is called a secret key.	The public key is <b>Asymmetrical</b> because there are two types of keys: private and public keys.
5	In this cryptography, the sender and receiver need to share the same key.	In this cryptography, the sender and receiver do not need to share the same key.

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EN 11:17 17-08-2024

The Department of Information Technology, E.M.G. Yadava Women's College organized a collaborative Faculty Exchange Program for I PG Computer Science students of Ayya Nadar Janaki Ammal College, Sivakasi from 12.02.2024 to 16.02.2024

**E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE**

**Enclosures:**

**a. Permission Letters**

From

Mrs.R.Boomadevi,  
The Head, Department of Information Technology,  
E.M.G.Yadava Women's College,  
Madurai.

To

**The Correspondent,**  
E.M.G.Yadava Women's College,  
Madurai.

Through

**The Principal,**  
E.M.G.Yadava Women's College,  
Madurai.

Respected Madam,


**Seeking Permission to execute Staff Exchange Programme – Reg.**

Post-Graduate Department of Information Technology has planned to execute **Staff Exchange Programme** with the Department of Computer science of ANJA College, Sivakasi, as a mutual utilization of expertise of both the departments for the benefits of the students.

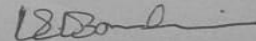
In this regard, we seek your permission to exchange Mrs.G.Amudha and Mrs.S.Sumathi, Assistant Professors of our department with Mrs. R.Anantha valli, Assistant Professor, Department of Computer Science, ANJA College, Sivakasi for a period of **One Week from 12<sup>th</sup> February 2024 to 16<sup>th</sup> February 2024.**

Thanking You,

Madurai  
09.02.2024



Yours faithfully,



**R.BOOMADEVI**  
**Head of the Department**



**E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE**



**AYYA NADAR JANAKI AMMAL COLLEGE**

(Autonomous, affiliated to Madurai Kamaraj University, Re-accredited (4<sup>th</sup> cycle) with 'A+' Grade (CGPA 3.48 out of 4) by NAAC and Recognized as College of Excellence by UGC, STAR College by DBT, Ranked 83<sup>rd</sup> at National Level in NIRF 2022 and ISO 9001 : 2015 Certified Institution)

**SIVAKASI - 626 124 (TAMIL NADU)**



**Dr. C. ASHOK, M.PEd., M.Phil., D.YEd., Ph.D.**  
**PRINCIPAL**

E-mail : [principal@anjaonline.org](mailto:principal@anjaonline.org)  
Website : [www.anjaonline.org](http://www.anjaonline.org)  
Office : (04562) 254100  
Cell : 94426 66808

To

Date: 16/02/2024

The Principal,

E.M.G.Yadava Women's College,  
Madurai

Dear Sir/ Madam,

Sub: Faculty Exchange Programme — Reg.

The Department of Computer Science of our college is interested to execute Faculty Exchange Programme with the Post-Graduate department Information Technology of your college for the benefit of student community of both the Institutions. We expect a favorable reply from you to execute the programme from 12<sup>th</sup> February 2024 to 16<sup>th</sup> February 2024 (One Week).




Thanking you

With regards



## E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

### b. Invitation



**E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 625 014.**  
(An Autonomous Institution – Affiliated to Madurai Kamaraj University)  
Re-accredited (3<sup>rd</sup> Cycle) with Grade A<sup>+</sup> & CGPA 3.51 by NAAC  
**Department of Information Technology**



**COLLABORATION WITH**  
**AYYA NADAR JANAKI AMMAL COLLEGE**  
Autonomous, affiliated to Madurai Kamaraj University, Reaccredited (4th Cycle)  
with "A+" grade (CGPA 3.48 out of 4) by NAAC, College of Excellence by UGC,  
Star College by DBT and Ranked 83<sup>rd</sup> in NIRF 2022. Sivakasi - 626124  
**Department of Computer Science (PG)**

**Organizes**  
**FACULTY EXCHANGE PROGRAM**  
(PG Students of AYYA NADAR JANAKI AMMAL COLLEGE)

➔ **Title : Cryptographic and Cyber Security**

➔ **Date : 12.02.2024 – 16.02.2024**

➔ **Platform: Google Meet**



**Dates: 12.02.24, 13.02.24**

**Conveyor**  
Mrs. G. Amudha  
Assistant Professor,  
Department of IT

**14.02.24 to 16.02.24**

**Conveyor**  
Mrs. S. Sumathi  
Assistant Professor,  
Department of IT

Mrs. R. Boomadevi  
Head of the Department

**All are Cordially Invited**

Dr. (Mrs.) V. Pushpalatha  
Principal i/c

# E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

## c. Feedback

Google Account x Search results - Google Drive x Staff Exchange Programme - Fee x Staff Exchange Programme - Fee x

docs.google.com/spreadsheets/d/1\_tluWektsvQOtv753eEdi\_GS\_ZmcQk7R1y7uLKBA5A/edit?resourcekey=&gid=1012907405#gid=1012907405

Google Gmail: Email from G... Household Product... chrome://newtab Facebook HForCare | News &... Welcome to Facebo... Expired Offer! Facebook Other bookmarks

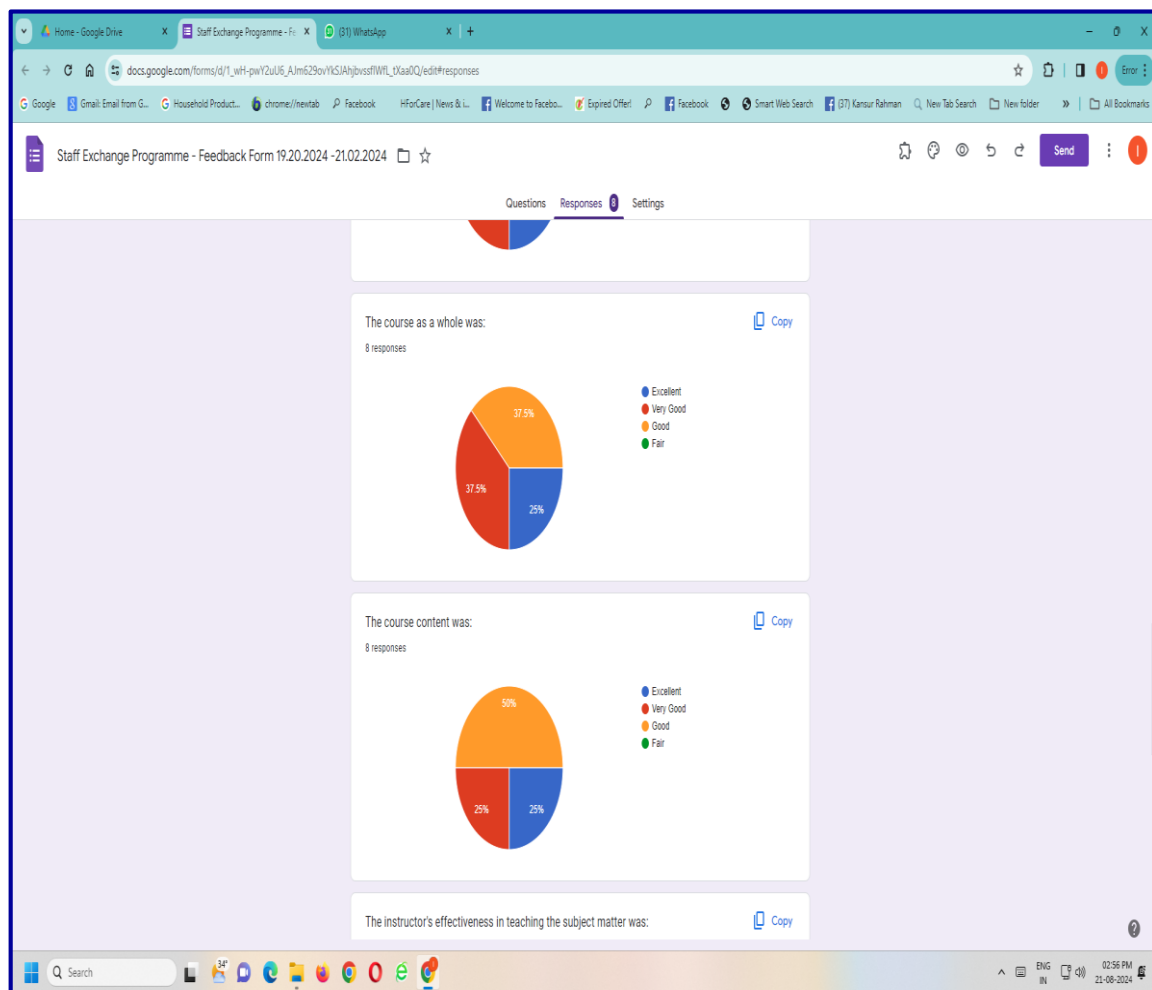
Staff Exchange Programme - Feedback Form 12.20.2024 -16.02.2024 (Responses) ☆ Share

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	A	B	C	D	E	F	G	H	I
1	mestamp	Email Address	Name: (Capital and Title	Register Number:	Class :	Please rate the Speakers	The course as a whole w	The course content was:	The instr
2	2/20/2024 13:23:47	23pcs104@anjanonline.org	Ms.K.Rathnadevi	23pcs104	I.M.Sc. Computer Science	Very Good	Very Good	Good	Good
3	2/20/2024 16:08:17	23pcs126@anjanonline.org	P.Gowtham	23PCS126	I.M.Sc CS	Good	Good	Good	Good
4	2/20/2024 17:19:41	23pcs102@anjanonline.org	Ms. Hariniya. S	23pcs102	I - M. Sc Computer Scier	Excellent	Excellent	Very Good	Very Go
5	2/20/2024 17:29:19	23pcs127@anjanonline.org	Ms.R.MARISELVI	23PCS127	I.M.Sc.(CS)	Good	Very Good	Good	Good
6	2/20/2024 17:29:49	23pcs111@anjanonline.org	Mrs R.Mariselvam	23pcs111	I-Msc.cs	Good	Good	Good	Good
7	2/20/2024 17:54:06	23pcs114@anjanonline.org	Mr A.selvakumar	23pcs114	I.M.Sc cs	Excellent	Excellent	Excellent	Excellen
8	2/20/2024 18:23:19	abirami.c@anjanonline.org	Ms.C.Abirami	23PCS101	I.Msc CS	Very Good	Good	Very Good	Very Go
9	2/20/2024 19:58:37	23pcs105@anjanonline.org	Ms. R. SHARUMATHI	23PCS105	I - M.SC. COMPUTER S	Very Good	Very Good	Excellent	Very Go
10	2/20/2024 13:23:47	23PCS103@anjanonline.org	M.RajaSudha	23PCS103	I - M. Sc Computer Scier	Very Good	Very Good	Good	Good
11	2/20/2024 16:08:17	23pcs106@anjanonline.org	M.Sindhu	23PCS106	I.M.Sc.(CS)	Good	Good	Good	Good
12	2/20/2024 17:19:41	23pcs107@anjanonline.org	PA.Varshini	23PCS107	I - M. Sc Computer Scier	Excellent	Excellent	Very Good	Very Go
13	2/20/2024 17:29:19	23pcs108@anjanonline.org	S.Vigneswani	23PCS108	I.M.Sc.(CS)	Good	Very Good	Good	Good
14	2/20/2024 17:29:49	23pcs110@anjanonline.org	P.Madasmay	23PCS110	I - M. Sc Computer Scier	Good	Good	Good	Good
15	2/20/2024 17:54:06	23pcs25@anjanonline.org	S.Arun	23pcs125	I.M.Sc.(CS)	Excellent	Excellent	Excellent	Excellen
16	2/20/2024 19:58:37	23PCS117@anjanonline.org	P.Lalitha	23PCS117	I.M.Sc.(CS)	Very Good	Very Good	Excellent	Very Go





## E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE


### d. Attendance Certificates

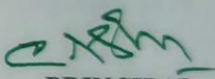
	<b>AYYA NADAR JANAKI AMMAL COLLEGE</b> <small>(Autonomous, affiliated to Madurai Kamaraj University. Re-accredited (6<sup>th</sup> cycle) with 'A+' Grade ICGPS 3.48 out of 4 by NAAC and Recognized as College of Excellence by UGC, STAR College by DDT, Ranked 93<sup>rd</sup> in National Level in NIBT 2022 and 90<sup>th</sup> 900<sup>th</sup> 2017 Certified Institution)</small> <b>SIVAKASI - 626 124 (TAMIL NADU)</b>	
<b>Dr. C. ASHOK</b> , M.PED, M.PHIL, D.YER, Ph.D. PRINCIPAL	E-mail : <a href="mailto:principal@anjanonline.org">principal@anjanonline.org</a> Website : <a href="http://www.anjanonline.org">www.anjanonline.org</a> Office : (04562) 254100 Cell : 94426 66808	

Date: 16/02/2024

**ATTENDANCE CERTIFICATE**

This is to certify that Mrs.G.Amutha, Assistant Professor, Department of Information Technology, E.M.G.Yadava Women's College, Madurai has handled the classes in the Department of Computer Science, Ayya Nadar Janaki Ammal College, Sivakasi for a period of One Week from 12<sup>th</sup> February 2024 and 13<sup>th</sup> February 2024 under Faculty-Exchange Programme.



  
**PRINCIPAL**

# E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE



## AYYA NADAR JANAKI AMMAL COLLEGE

(Autonomous, affiliated to Madurai Kamaraj University. Re-accredited (C<sup>+</sup> grade) with 'A+' Grade (CGPA 3.48 out of 4) by NAAC and Recognized as College of Excellence by UGC, STAR College by DBT, Ranked 83<sup>rd</sup> at National Level in NIRF 2021 and ISO 9001 : 2015 Certified Institution)

SIVAKASI - 626 124 (TAMIL NADU)



Dr. C. ASHOK, M.Ped., M.Phil., D.Yed., Ph.D.  
PRINCIPAL

E-mail : [principal@anjanonline.org](mailto:principal@anjanonline.org)  
Website : [www.anjanonline.org](http://www.anjanonline.org)  
Office : (04562) 254100  
Cell : 94426 66808

Date: 16/02/2024

### ATTENDANCE CERTIFICATE

This is to certify that Mrs.S.Sumathi, Assistant Professor, Department of Information Technology, E.M.G.Yadava Women's College, Madurai has handled the classes in the Department of Computer Science, Ayya Nadar Janaki Ammal College, Sivakasi for a period of One Week from 14<sup>th</sup> February 2024 to 16<sup>th</sup> February 2024 under Faculty-Exchange Programme.




  
PRINCIPAL

## E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

### e. Nominal Roll of Participants:

Student participants from ANJA College:

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE			
 <b>E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI - 625 014.</b> (An Autonomous Institution - Affiliated to Madurai Kamaraj University) Re-accredited (3 <sup>rd</sup> Cycle) with Grade A' and CGPA 1.81 by NAAC			
FEP on 'Cryptographic and Cyber Security' -12.02.2024 to 16.02.2024			
S.No.	REGISTER NUMBER	NAMI	CLASS
1	23PCS101	C.Abirami	I M.Sc.(CS)
2	23PCS102	S.Hariniya	I M.Sc.(CS)
3	23PCS103	M.RajaSudha	I M.Sc.(CS)
4	23PCS104	K.Rathnadevi	I M.Sc.(CS)
5	23PCS105	R.Sharumathi	I M.Sc.(CS)
6	23PCS106	M.Sindhu	I M.Sc.(CS)
7	23PCS107	P.A.Varshini	I M.Sc.(CS)
8	23PCS108	S.Vigneswari	I M.Sc.(CS)
9	23PCS110	P.Madasmy	I M.Sc.(CS)
10	23PCS111	R.Mariselvam	I M.Sc.(CS)
11	23PCS112	P.Ruban	I M.Sc.(CS)
12	23PCS113	S.Sakthivel	I M.Sc.(CS)
13	23PCS114	A.Selvakumar	I M.Sc.(CS)
14	23PCS116	B.Vigneshvaran	I M.Sc.(CS)
15	23PCS117	P.Lalitha	I M.Sc.(CS)
16	23PCS118	K.Ganesh Krishna	I M.Sc.(CS)
17	23PCS119	T.Harish Kumar	I M.Sc.(CS)
18	23PCS120	J.KingslySamuvelAkash	I M.Sc.(CS)
19	23PCS121	S.G.Muthu Kumar	I M.Sc.(CS)
20	23PCS124	V.Veeramareeswari	I M.Sc.(CS)
21	23PCS125	S.Arun	I M.Sc.(CS)
22	23PCS126	P.Gowtham	I M.Sc.(CS)
23	23PCS127	R.Mariselvi	I M.Sc.(CS)

Coordinator:



Head of the Department



  
Principal  
**PRINCIPAL I/C**  
**E.M.G. YADAVA WOMEN'S COLLEGE**  
**MADURAI-625 014**