

*You Choose, We Do it*  
**St. JOSEPH'S COLLEGE OF  
ENGINEERING**  
St. Joseph's Group of Institutions



**THREE DAYS ONLINE NATIONAL FACULTY DEVELOPMENT  
PROGRAMME ON  
RECENT ADVANCES IN GRAPH THEORY , MATHEMATICAL BIOLOGY  
AND AUTOMATA THEORY  
28<sup>th</sup> May to 30<sup>th</sup> May 2020**

**REPORT**

Report for “Three Days Online National Faculty Development Programme On  
Recent Advances in Graph Theory, Mathematical Biology And Automata  
Theory “  
Organized by Department of Mathematics

-----  
**Faculty Coordinators:**

1. Dr. V. Premalatha
2. Dr. G. Meena Devi
3. Dr. G. Purushothaman

**Convenor**

1. Dr.V.Vallinayagam

**Co-Convenor**

1. Dr K. Sasikala
2. Dr. H. Geetha

## **PREAMBLE**

A **Three-days** Online international Faculty Development Programme on “**RECENT ADVANCES IN GRAPH THEORY , MATHEMATICAL BIOLOGY AND AUTOMATA THEORY**” (through GoToMeeting), was conducted during 28<sup>th</sup> - 30<sup>th</sup> May 2020, scheduled from **11.00 am - 12.30 pm**. It was organized by the **Department of Mathematics**.

### **Resource Persons:**

1. **Dr. S. Prabhu** Assistant Professor Department of Applied Mathematics Sri Venkateswara College of Engineering Sriperumbudur 602 117, India. handled the Day 1 Session on Applications of Graph Theory in Science and Engineering
2. **Dr. S. Balamuralitharan**, Assistant Professor (Sr.G), Department of Mathematics, Faculty of Engineering and Technology, SRM Institute of Science & Technology, Kattankulathur – 603203, Kanchipuram District, Tamilnadu, INDIA handled the Day 2 session on Mathematical Model for infectious diseases
3. **Dr. T. Kayani**, Professor Department of Mathematics, St. Joseph’s Institute of Technology, OMR, Chennai - 119, Tamilnadu, INDIA handled the Day 3 session on Grammers, Automat, Formal Languages and its Applications

# Course content and Online Delivery Mode

## Day 1.

### Applications of Graph Theory in Science and Engineering

- Introduction/Motivation / Topological Index
- Wiener Index –Convex Cut Method
- Generalized Wiener Polarity Index Method
- Transmission Method
- Wiener Polarity Index C3-free and C4-free Graphs
- Wiener Polarity Index Neighbourhood Method

Online mode through the link :

<https://global.gotomeeting.com/join/727895941>

**St. Joseph's College of Engineering**  
**St. Joseph's Institute of Technology**  
Consisting Code : 1317 Consisting Code : 1149

**Department of Mathematics**  
RECENT ADVANCES IN GRAPH THEORY,  
MATHEMATICAL BIOLOGY & AUTOMATA THEORY  
20th - 26th & 30th May 2020

**Day 1: 28/05/2020**  
**Topic: Applications of Graph Theory in Science & Engineering**  
**Timing: 11.00am to 12.30pm**  
**Name: Dr.S.Prabhu**  
**Assistant Professor**  
**Department of Mathematics**  
**Sri Venkateswara College Of Engineering**

**Patron:**  
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.,  
Chairman, St. Joseph's group of institutions.

**Convener:**  
Dr. V. Vallinayagam  
Professor & Head of the Department

**Co-Convener:**  
Dr. K. Sasikala  
Dr. H. Geetha

**Coordinators:**  
Dr. V. Premalatha  
Dr. G. Meenadevi  
Dr. G. Purushothaman

**Dr. T. Raman**  
Head of the Department

**Mr. G. Balaraman**

**Dr. M. Elumalai**

## Day 2.

### Mathematical Model for infectious diseases

- Introduction/Motivation / Why infectious diseases?
- Infectious Diseases / Impact
- Mathematical Modelling
- Hands on Experience: Modelling Dengue
- Fuzzy Mathematics & Application

Online mode through the link :

<https://global.gotomeeting.com/join/320358661>

**St. Joseph's College of Engineering**  
**St. Joseph's Institute of Technology**  
Consisting Code : 1317 Consisting Code : 1149

**Department of Mathematics**  
RECENT ADVANCES IN GRAPH THEORY,  
MATHEMATICAL BIOLOGY & AUTOMATA THEORY  
20th - 26th & 30th May 2020

**Day 2: 29/05/2020**  
**Topic: Mathematical Model for Infectious Diseases**  
**Timing: 11.00am to 12.30pm**  
**Name: Dr.S.Balamuralitharan**  
**Assistant Professor (Sr.G)**  
**Department of Mathematics**  
**SRM Institute of Science & Technology**

**Patron:**  
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D.,  
Chairman, St. Joseph's group of institutions.

**Convener:**  
Dr. V. Vallinayagam  
Professor & Head of the Department

**Co-Convener:**  
Dr. K. Sasikala  
Dr. H. Geetha

**Coordinators:**  
Dr. V. Premalatha  
Dr. G. Meenadevi  
Dr. G. Purushothaman

**Dr. T. Raman**  
Head of the Department

**Mr. G. Balaraman**

**Dr. M. Elumalai**

Day 3.

## Grammers, Automat, Formal Languages and its Applications

- Introduction to automata
- Formal languages
- Applications of formal languages in other field
- Research on the categories of formal languages
- One dimensional languages or strings
- Two dimensional languages and Higher dimensional languages
- Formal languages & Number theory
- Applications of grammatical inference
- Application part on game theory

Online mode through the link :

<https://global.gotomeeting.com/jon/427941797>

The poster is for an event at St. Joseph's College of Engineering, St. Joseph's Institute of Technology. It includes the college's name, accreditation marks (26th anniversary, AACSB, NAAC), and the event details: Day 3: 30/05/2020, Topic: Grammars, Automata, Formal Languages and its Applications, Timing: 11.00am to 12.30pm, Name: Dr.T.Kalyani, Professor, Department of Mathematics, St. Joseph's Institute of Technology. The poster also lists the Patrons, Conveners, Co-Conveners, and Coordinators.

**St. Joseph's College of Engineering**  
St. Joseph's Institute of Technology  
Counselling Code : 1317      Counselling Code : 1149

**Department of Mathematics**  
RECENT ADVANCES IN GRAPH THEORY,  
MATHEMATICAL BIOLOGY & AUTOMATA THEORY  
29th - 30th & 30th May 2020

**Day 3: 30/05/2020**  
**Topic: Grammars, Automata, Formal Languages and its Applications**  
**Timing: 11.00am to 12.30pm**  
**Name: Dr.T.Kalyani**  
**Professor**  
**Department of Mathematics**  
**St. Joseph's Institute of Technology**

**Patrons**  
Dr.B.Babu Manoharan M.A., M.B.A., Ph.D.,  
Chairman, St. Joseph's group of institutions.

Mrs.B.Jessie Priya M.Com.,  
Managing Director, St. Joseph's group of institutions.

Mr.B.Sashi Sekar M.Sc.,  
Director, St. Joseph's group of institutions.

Dr.Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.  
Principal, St. Joseph's College of Engineering.

Dr.P.Ravichandran M.Tech., Ph.D.,  
Principal, St. Joseph's Institute of Technology.

**Conveners**  
Dr.V.Vallinayagam  
Professor & Head of the Department

Dr.T.Raman  
Head of the Department

**Co-Conveners**  
Dr.K.Saikalala  
Dr.H.Geetha

Mr.G.Balaraman

**Coordinators**  
Dr.V.Premalatha  
Dr.G.Meenadavi  
Dr.G.Purushothaman

Dr.M.Elumalai

# Online Participation Registration Process for the FDP

## “Three days online Faculty development programme on Recent Advances In Graph Theory , Mathematical Biology And Automata Theory”

The Brochure highlighting the necessary information about the online FDP on Fuzzy mathematical modelling was designed and circulated. The Brochure is displayed below:

**St. Joseph's College of Engineering**  
St. Joseph's Institute of Technology  
St. Joseph's Group of Institutions  
OMI, Chennai-119

**Department of Mathematics**  
Organise  
**Three Days Online Faculty Development Program on**  
**RECENT ADVANCES IN GRAPH THEORY,**  
**MATHEMATICAL BIOLOGY & AUTOMATA THEORY**  
28th , 29th & 30th May 2020

**Day 1: 28/05/2020**  
Topic: Applications of Graph Theory in Science & Engineering  
Time: 11.00am to 12.30pm  
Resource person:  
Dr.S.Prabhu  
Assistant Professor  
Department of Mathematics  
Sri Venkateswara College of Engineering

**Day 2: 29/05/2020**  
Topic: Mathematical Model for Infectious Diseases  
Time: 11.00am to 12.30pm  
Resource person:  
Dr.S.Balamuralitharan  
Assistant Professor (Sr.G)  
Department of Mathematics  
SRM Institute of Science & Technology

**Day 3: 30/05/2020**  
Topic: Grammars, Automata, Formal Languages and its Applications  
Time: 11.00am to 12.30pm  
Resource person:  
Dr.T.Kalyani  
Professor  
Department of Mathematics  
St.Joseph's Institute of Technology

**Registration Link :-**  
<https://forms.gle/f6maSDyyYRtRnoRNA>  
**OR**  
Scan this QR code for registration :

✳️ Free Registration and E-certificate will be provided to all the active participants.  
✳️ Meeting URL to join will be shared to the registered mail id of the participants

Contact us: 9940999587 , 9500978111

**Patrons**  
Dr.B.Babu Manoharan M.A., M.B.A., Ph.D.,  
Chairman, St.Joseph's Group of Institutions

Mrs. B.Jessie Priya M.Com.,  
Managing Director, St.Joseph's Group of Institutions

Mr.B. Shashi Sekar M.Sc.,  
Director, St.Joseph's Group of Institutions

Dr.Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.,  
Principal, St.Joseph's College of Engineering

Dr.P.Ravichandran M.Tech., Ph.D.,  
Principal, St.Joseph's Institute of Technology

Dr.B.Parvathavarthini M.E., M.B.A., Ph.D.,  
Dean, St.Joseph's College of Engineering

**Convenors**  
Dr.V.Vallinayagam  
Professor & Head of the Department,  
St.Joseph's College of Engineering

**Co-Convenors**  
Dr.H.Geetha  
Mr.G. Balaraman

**Coordinators**  
Dr.V.Premalatha  
Dr.G.Purushothaman  
Dr.G.Meenadevi  
Dr.M.Elumalai

There was no Registration Fee for the participants attending this Online FDP on Recent Advances In Graph Theory , Mathematical Biology And Automata Theory. Interested participants were requested to register their details in a google form which was shared through the link <https://forms.gle/f6maSDyyYRtRnoRNA>. A total of 249 faculty members registered as participants. 204 participants confirmed their registration to attend this online FDP.

<b>Summary of the Participants</b>	<b>Total No of Institutions</b>	129
	<b>Participants other country</b>	2
	<b>Participants other State</b>	20
	<b>Participants within Tamil Nadu</b>	178
	<b>SJCE</b>	7

### Confirmed Participation List

S.. No	NAME	DESIGNATION	INSTITUTION NAME	Email Address	Ph No
1	A. MANOHARAN	ASSISTANT PROFESSOR	GANADIPATHY TULSI'S JAIN ENGINEERING COLLEGE	mano.vallalar@gmail.com	9952450941
2	A. SANTHI	ASSISTANT PROFESSOR	ER.PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING	santhi.a27@gmail.com	7904525079
3	A.AMARAVATHY	TEACHING FELLOW	UNIVERSITY COLLEGE OF ENGINEERING DINDIGUL	amaravathy.sai@gmail.com	7708903700
4	A.MANJUNATHAN	ASSISTANT PROFESSOR	K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY	manjunathankrct@gmail.com	9600607706
5	AATRAL G V	ASSISTANT PROFESSOR	ERODE SENGUNTHAR ENGINEERING COLLEGE	aatralyuge@gmail.com	9750590516
6	ANANDHIS	ASSISTANT PROFESSOR	ANNAI VIOLET ARTS AND SCIENCE COLLEGE	Anandhii2412@gmail.com	9566226475
7	ANGELIN KIRUBA P	ASSISTANT PROFESSOR	ST.JOSEPH'S INSTITUTE OF TECHNOLOGY	angelinmat@gmail.com	9585132255
8	ANITHA.K	ASSISTANT PROFESSOR	SRI SAIRAM ENGINEERING COLLEGE	anitha.math@sairam.edu.in	9790719823

9	AROCKIYA DASS C	ASSISTANT PROFESSOR	VIVEKANANDHA COLLEGE FOR WOMEN	cadass24india@gmail.com	9600917540
10	ARULMOZHI A K	ASSISTANT PROFESSOR	R M K COLLEGE FOR ENGINEERING AND TECHNOLOGY	arulkri@gmail.com	9962333823
11	ASHA RANI.A	ASSISTANT PROFESSOR	PSG COLLEGE OF ARTS & SCIENCE	asharani.a@gmail.com	9962583543
12	B.VIJAYLAKSHMI	ASSISTANT PROFESSOR	MOUNT CARMEL COLLEGE	vijayalakshmi.b@mcblr.edu.in	9480428315
13	BALAMURUGAN.K	ASSISTANT PROFESSOR	GOVERNMENT COLLEGE OF ENGINEERING-SRIRANGAM, TRICHY-12	kbalamuruganmaths@gces.edu.in	9952750317
14	BALU M S	ASST. PROFESSOR	VELAMMAL ENGINEERING COLLEGE	balu@velammal.edu.in	9444151860
15	BHARANI.B	ASSISTANT PROFESSOR	GURU NANAK COLLEGE	bharani.b@gurunanakcollege.edu.in	9715738758
16	BINDU PRAKASH MISHRA	ASSOCIATE PROFESSOR	M D COLLEGE PAREL MUMBAI	bindu1962@gmail.com	9869463129
17	C. SINDHUJA	ASSISTANT PROFESSOR	K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE, (AUTONOMOUS)	susinpri@gmail.com	9487042575
18	C.BHUVANESHWARI	ASSISTANT PROFESSOR	K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY	mecbhuvaneshwari@gmail.com	8754345646
19	C.SUBASRI	ASSISTANT PROFESSOR	DHANALAKSHMI SRINIVASAN INSTITUTE OF TECHNOLOGY SAMAYAPURAM	csubasri@gmail.com	8122567353
20	CHANDRAN M	ASSISTANT PROFESSOR	THE OXFORD COLLEGE OF ENGINEERING	chandranmaths@gmail.com	9945165411
21	D. BHUVANESHWARI	ASSISTANT PROFESSOR	ETHIRAJ COLLEGE FOR WOMEN	bhuvanamaths15@gmail.com	9894620196
22	D.SAGAYARANI JEBA	ASSISTANT PROFESSOR	PANIMALAR ENGINEERING COLLEGE	saga5american@gmail.com	9791391219
23	D.UMAMAGESWARI	ASSISTANT PROFESSOR	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	umamageswarid@bitsathy.ac.in	9487266500
24	DEEPA V	ASSISTANT PROFESSOR	SRI ESHWAR COLLEGE OF ENGINEERING	deepa.v@sece.ac.in	9788620982
25	DHAMODHARAN.	ASSISTANT	PRIYADARSHINI	vnbdhamu@gmail.com	9894679421

	K	PROFESSOR	ENGINEERING COLLEGE. VANIAMBADI	m	
26	DIVYAKUMARI P	ASSISTANT PROFESSOR	DON BOSCO COLLEGE (CO - ED),YELAGIRI HILLS	divyakumarishc@gmail.com	9585890070
27	DR E SATHYA	ASSISTANT PROFESSOR	SHANMUGA INDUSTRIES ARTS & SCIENCE COLLEGE	sathya24mathematics@gmail.com	7904543950
28	DR E. NANDAKUMAR	ASSISTANT PROFESSOR	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANGKULATHUR-603203.	nanda1611@gmail.com	9444825989
29	DR M ARUNKUMAR	ASSISTANT. PROFESSOR	GOVERNMENT ARTS COLLEGE	drarun4maths@gmail.com	9994743209
30	DR MANISHA CHAUDHARY	ASSISTANT PROFESSOR	MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE	mc2306iitm@gmail.com	9977900500
31	DR R BUVANESWARI	ASSISTANT PROFESSOR	CAUVERY COLLEGE FPR WOMEN ( AUTONOMOUS)	buvaneswari.maths@cauverycollege.ac.in	9443996054
32	DR R KARTHIK	ASSISTANT PROFESSOR	VELAMMAL ENGINEERING COLLEGE AUTONOMOUS	karthikr@velammal.edu.in	7845867578
33	DR S INDRAKUMAR	ASSISTANT PROFESSOR	KONGU ENGINEERING COLLEGE	indrakumar1729@gmail.com	9994844066
34	DR S JACKSON	ASSISTANT PROFESSOR	V.O.CHIDAMBARA M COLLEGE	jacks.mat@voccollege.ac.in	7708437190
35	DR S SRIDEVI	ASSISTANT PROFESSOR	QUEENS COLLEGE OF ARTS AND SCIENCE FOR WOMEN, PUNALKULAM	srihasini.anbu@gmail.com	9629647557
36	DR SADIQUALI A	ASSISTANT PROFESSOR	MEA ENGINEERING COLLEGE PERINTHALMANN A	sadiqmath@gmail.com	9495488810
37	DR Y HARI KRISHNA	ASSISTANT PROFESSOR	ANURAG ENGINEERING COLLEGE	yaraganihari@gmail.com	9848271469
38	DR. A KISTAN	ASSISTANT PROFESSOR	PANIMALAR INSTITUTE OF TECHNOLOGY	vishmikrish@gmail.com	9884983520



39	DR. A. KALAVATHI	ASSISTANT PROFESSOR	SRI GVG VISALAKSHI COLLEGE FOR WOMEN UDUMALPET	kalavathigvg2018@gmail.com	7373440370
40	DR. A. S. ANAKATH	PROFESSOR	EGS PILLAY ENGINEERING COLLEGE (AUTONOMOUS)	anakatharasan@gmail.com	9486433704
41	DR. A. SANGEETHA DEVI	ASSOCIATE PROFESSOR	P. A. COLLEGE OF ENGINEERING AND TECHNOLOGY	sangeethacet@gmail.com	9688286008
42	DR. AKASH KUMAR SHRIVASTAV	ASST PROFESSOR	RIMT UNIVERSITY FATEHGARH SAHIB PUNJAB	aakkaasshhkumar8888@gmail.com	9450078679
43	DR. C. SIVAPOORNAPRIYA	ASSISTANT PROFESSOR	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY	math.priya@gmail.com	9865952795
44	DR. CELIN MARY V	ASSISTANT PROFESSOR	SIVET COLLEGE	vcelinmary@gmail.com	9940362096
45	DR. D. PRASANNA	ASST.PROF.	PACHAIYAPPA'S COLLEGE.	dprasanna85@gmail.com	9894192157
46	DR. G.SABARINATHAN	ASSOCIATE PROFESSOR	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY DINDIGUL	sabarinathan.g@psnacet.edu.in	9788272055
47	DR. G.SHANMUGAM	ASSOCIATE PROFESSOR	SMK FOMRA INSTITUTE OF TECHNOLOGY	gsm.maths@gmail.com	9578961757
48	DR. J. ANITHA	ASSISTANT PROFESSOR	TAMIL NADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY	annie_felicia@yahoo.co.in	9841273304
49	DR. J. YOGAMBIGAI	ASSISTANT PROFESSOR	M. M. E. S WOMEN'S ARTS AND SCIENCE COLLEGE	yogambigaij@gmail.com	9750139936
50	DR. K. ANNADURAI	ASSISTANT PROFESSOR	M.V.MUTHIAH GOVERNMENT ARTS COLLEGE FOR WOMEN	drkannadurai@gmail.com	9894331693
51	DR. K. SATHISH	ASSISTANT PROFESSOR	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY	satiskris@gmail.com	9884511072
52	DR. K. SUTHA	ASSISTANT PROFESSOR	SIVET COLLEGE	sutharavindran@yahoo.com	9566196320
53	DR. M. ELAKKIYA	ASSISTANT PROFESSOR	SRM INSTITUTE OF SCIENCE AND	elayasubu.999@gmail.com	9940844913

			TECHNOLOGY		
54	DR. M. MAHENDRAN	ASSOCIATE PROFESSOR	VEL TECH MULTI TECH DR RANGARAJAN AND DR SANGUNTHALA ENGINEERING COLLEGE	magimani83@gmail.com	6381307694
55	DR. M. RAVITHAMMAL	ASSISTANT PROFESSOR	THE QUAIDE MILLETH COLLEGE FOR MEN	ravithreema@gmail.com	7401125761
56	DR. M. SARAVANAN	ASSISTANT PROFESSOR	MANNAR THIRUMALAI NAICKER COLLEGE	msaran81@gmail.com	9952836875
57	DR. M. SUJASREE	ASSISTANT PROFESSOR	VIT	sujasree.m@vit.ac.in	9788127067
58	DR. MANIMARAN. R	ASSISTANT PROFESSOR	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, VADAPALANI CAMPUS	manimarr1@srmist.edu.in	9444468838
59	DR. N. SENTHIL VELMURUGAN	ASSOCIATE PROFESSOR	ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY	aucoe9633@gmail.com	9444544739
60	DR. P. PANDIAMMAL	ASSISTANT PROFESSOR	G T N ARTS COLLEGE (AUTONOMOUS), DINDIGUL	dglangee@gmail.com	9865487123
61	DR. P. SATHISHMOHAN	ASSISTANT PROFESSOR	KOBUGUNADU ARTS AND SCIENCE COLLEGE	iiscsathish@yahoo.co.in	9994662019
62	DR. P. SHALINI	ASSISTANT PROFESSOR	CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)	shalinisathiyamoorthy@yahoo.in	9487739527
63	DR. R. INDRA GANDHI	PROFESSOR	GKM COLLEGE OF ENGINEERING AND TECHNOLOGY, CHENNAI	shambhavi.rajesh@gmail.com	9841820338
64	DR. R. MARY JEYA JOTHI	ASSOCIATE PROFESSOR	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	rmaryjeyajothi@gmail.com	9486954867
65	DR. R. MUTHURAJ	ASSISTANT PROFESSOR	H. H. THE RAJAH'S COLLEGE	rmr1973@gmail.com	9865040473
66	DR. R. PRABAKARAN	ASSISTANT PROFESSOR	ST.JOSEPH'S INSTITUTE OF	prabaperception@gmail.com	9940249593

			TECHNOLOGY		
67	DR. R. SHENBAGAM	ASSISTANT PROFESSOR	B. S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	shenbagam@crescent.education	9952677603
68	DR. R. SUJATHA	ASSOCIATE PROFESSOR	SSN COLLEGE OF ENGINEERING	sujathar@ssn.edu.in	9442773472
69	DR. R.RAMESH	ASSISTANT PROFESSOR	DR. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY, POLLACHI	rameshwaran141@gmail.com	9786247069
70	DR. RAMA JAIN	ASSOCIATE PROFESSOR	MAHILA VIDYALAYA DEGREE COLLEGE LUCKNOW	ramajain26@yahoo.com	9935935557
71	DR. S. PARTHIBAN	ASSOCIATE PROFESSOR	VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY AND RESEARCH	sparthiban2008@gmail.com	9944063653
72	DR. S. PRATHAP	ASSISTANT PROFESSOR	JEPPIAAR ENGINEERING COLLEGE	prathapmaths@gmail.com	9962805975
73	DR. S. SABARINATHAN	ASSISTANT PROFESSOR	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ssabarimaths@gmail.com	9789806906
74	DR. S. SUDHARSAN	ASSOCIATE PROFESSOR	C. ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY	ssudharsan2011@gmail.com	9994718719
75	DR. T. GUNASEKAR	ASSOCIATE PROFESSOR	VEL TECH RANGARAJAN DR.SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY, AVADI, CHENNAI-62	tguna84@gmail.com	9543343390
76	DR. T. ROJAMARY	ASSISTANT PROFESSOR	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY	trojarmary@gmail.com	9659471916
77	DR. T.G.GRACE ELIZABETH RANI	ASSISTANT PROFESSOR	P. A. COLLEGE OF ENGINEERING	fategigna18@gmail.com	9047836995

			AND TECHNOLOGY		
78	DR. V. SHARON PHILOMENA	ASSISTANT PROFESSOR	WOMEN'S CHRISTIAN COLLEGE	sharonphilo2008@gmail.com	7010104809
79	DR. V. SUVITHA	ASSISTANT PROFESSOR	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	suvikvr8@gmail.com	8883167430
80	DR.A.THIRUMURUGAN	PROFESSOR	JCTCET	murugaamurugaa@gmail.com	9952518158
81	DR.D.NITHYA	ASSISTANT PROFESSOR	S.I.V.E.T COLLEGE	djnithya05@gmail.com	9003216293
82	DR.D.REDDY BABU	PROFESSOR	TIRUMALA ENGINEERING COLLEGE	reddybabu17@gmail.com	9441752543
83	DR.J. ANITHA	ASSISTANT PROFESSOR	EASWARI ENGINEERING COLLEGE	anitha.j@eec.srmrmp.edu.in	9600110150
84	DR.K.ANITHA	ASSISTANT PROFESSOR	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	anithamaths2019@gmail.com	9941135577
85	DR.K.KALAIARASI	ASSISTANT PROFESSOR	CAUVERY COLLEGE FOR WOMEN AUTONOMOUS	kalaishruthi12@gmail.com	9003480382
86	DR.K.M.BABY SMITHA	ASSISTANT PROFESSOR	JEPPIAAR ENGINEERING COLLEGE	smithavenu82@gmail.com	9791011376
87	DR.K.SURESH	ASSISTANT PROFESSOR	ST. JOSEPH'S COLLEGE OF ENGINEERING	dhivasuresh@gmail.com	9087170106
88	DR.KRISHNAMOORTHY VENKATESAN	ASSOCIATE PROFESSOR	ARBAMINCH UNIVERSITY, ETHIOPIA	kitchrec@gmail.com	9994189651
89	DR.L.PANDISELVI	ASSISTANT PROFESSOR	V.O.CHIDAMBARA M COLLEGE	lpandiselvibala@gmail.com	8778401065
90	DR.MAHESWARIK	HEAD	KUMARAGURU COLLEGE OF TECHNOLOGY	maheswari25krish@gmail.com	9943797457
91	DR.N.JOSE PARVIN PRAVEENA	ASSISTANT PROFESSOR	ST.JOSEPH'S COLLEGE OF ENGINEERING	jose30102003@gmail.com	9176250241
92	DR.N.RAMILA GANDHI	ASSOCIATE PROFESSOR	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY	satrami@psnacet.edu.in	9944526710
93	DR.P.AGILAN	ASSISTANT PROFESSOR	ST.JOSEPH'S COLLEGE OF ENGINEERING	agilram@gmail.com	9789643221
94	DR.P.NARASIMMAN	ASSISTANT PROFESSOR	THIRUVALLUVAR UNIVERSITY	drpnarasimman@gmail.com	9585890069

			COLLEGE OF ARTS AND SCIENCE		
95	DR.P.NEDUMARAN	ASSISTANT PROFESSOR	GURU NANAK COLLEGE, CHENNAI-42	periyanedumaran@gmail.com	8056892289
96	DR.P.UTHAYAKUMAR	ASSISTANT PROFESSOR	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY	uthaya20@psnacet.edu.in	9842335682
97	DR.R.KANNADASAN	ASSISTANT PROFESSOR (SENIOR)	VIT UNIVERSITY	desurkannadasanr@gmail.com	9976582816
98	DR.R.NIRMALKUMAR	ASSISTANT PROFESSOR	SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE	nirmalkumarsrmvcas@gmail.com	9629563047
99	DR.R.SUBASH	ASSISTANT PROFESSOR	A.V.C COLLEGE OF ENGINEERING	subash.ru@gmail.com	9750190348
100	DR.R.VENKATRAMAN	ASSISTANT PROFESSOR	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, VADAPALANI CAMPUS.	venkarmeera@gmail.com	9994717612
101	DR.S SIVAMANI	ASSISTANT PROFESSOR	SARANATHAN COLLEGE OF ENGINEERING	numsi1982@gmail.com	9965893560
102	DR.S.DHANALAKSHMI	ASSISTANT PROFESSOR	SRMIST RPM CHENNAI	dhanalas1@srmist.edu.in	8778799519
103	DR.S.GOKULAKRISHNAN	ASSOCIATE PROFESSOR	SKP ENGINEERING COLLEGE	doctorgokulskp@gmail.com	9894304247
104	DR.S.RAJAKUMAR	ASSISTANT PROFESSOR	UNIVERSITY COLLEGE OF ENGINEERING ARIYALUR	kumar.iem@gmail.com	9710120347
105	DR.S.SIVAMANI	ASSISTANT PROFESSOR	SARANATHAN COLLEGE OF ENGINEERING	numsi1982@gmail.com	8344426214
106	DR.S.SIVARAMAKRISHNAN	ASSOCIATE PROFESSOR	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	sivaramakrishnanmaths@mvit.edu.in	9486423986
107	DR.T.GANDHIMATHI	ASSOCIATE PROFESSOR	P.A.COLLEGE OF ENGINEERING AND TECHNOLOGY	mathipacet@gmail.com	9865050701
108	DR.V.SRIMATHI	ASSOCIATE PROFESSOR AND HEAD	GURU NANAK COLLEGE	Srimandeeep02@gmail.com	9940038870

109	E.KALIDOSS	ASSISTANT PROFESSOR	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY	kalidoss@aaacet.ac.in	9080450511
110	ELUMALAI V	ASSISTANT PROFESSOR	ANAND INSTITUTE OF HIGHER TECHNOLOGY	malai.7v@gmail.com	9944946655
111	G VENKAT NARAYANAN	ASST PROFESSOR	ST.JOSEPH'S COLLEGE OF ENGINEERING	gvenkatnarayanan@gmail.com	9790857200
112	G.KUPPUSWAMI	ASST PROFESSOR	SRI VENKATESWARA A COLLEGE OF TECHNOLOGY	gkuppuswamiji@gmail.com	9790831893
113	GAYATHRI P	ASSISTANT PROFESSOR	VIDHYA SAGAR WOMEN'S COLLEGE	pgayathri995@gmail.com	9629298417
114	GEETHALAKSHMI G	ASSISTANT PROFESSOR	A.V.C.COLLEGE OF ENGINEERING	geethavish294@gmail.com	9443920753
115	HARSHITHA M V	ASSISTANT PROFESSOR	BRINDAVAN GROUP OF INSTITUTIONS	harshithamv1997@gmail.com	9148424488
116	J JANSI RANI	ASSISTANT PROFESSOR	VIDHYA SAGAR WOMEN'S COLLEGE	jansijkc@gmail.com	9994353985
117	J. KATHIRAVAN	ASSISTANT PROFESSOR	BWDA ARTS AND SCIENCE COLLEGE	jkathirmaths@gmail.com	9840110635
118	J.JULI AMALA RANI	ASSISTANT PROFESSOR	PANIMALAR ENGINEERING COLLEGE	jesujuli@gmail.com	9677135531
119	JESSE PIUS J	ASSISTANT PROFESSOR	ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY	jessepius83@gmail.com	9952129855
120	JOANSPREETHA Y	SR.FACULTY	INURTURE EDUCATION SOLUTIONS	joansprth@gmail.com	9597513192
121	JOHN SEKAR A	ASSISTANT PROFESSOR	SCAD COLLEGE OF ENGINEERING AND TECHNOLOGY	johnsekar18@gmail.com	9952377854
122	K CHANDRASEKRAN	ASSISTANT PROFESSOR	JEPPIAAR SRR ENGINEERING COLLEGE	kchandru1978@gmail.com	9444296821
123	K INDUMATHI	ASSISTANT PROFESSOR	ETHIRAJ COLLEGE FOR WOMEN	indumathi_k@ethirajcollege.edu.in	9551313555
124	K. SANKAR	ASSISTANT PROFESSOR	C. ABDUL HAKEEM COLLEGE OF ENGINEERING	sankar.maths@cahce.t.edu.in	8825641336

			AND TECHNOLOGY, MELVISHARAM, RANIPET DISTRICT		
125	K. THIRUSANGU	ASSOCIATE PROFESSOR	SIVET COLLEGE, CHENNAI 73	kthirusangu@gmail.com	9444963348
126	K.BALASUBRAMANI	ASSISTANT PROFESSOR	JCT COLLEGE OF ENGINEERING AND TECHNOLOGY	petrobala86@gmail.com	9789252952
127	K.MUNUSAMY	ASSISTANT PROFESSOR	DHAANISH AHMED INSTITUTE OF TECHNOLOGY	msmunu1986@gmail.com	9942397643
128	K.PRAKASH	ASSISTANT PROFESSOR	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	PRAKASHK@bitsathy.ac.in	9994502270
129	KADU PRATIMA EKNATH	ASSISTANT PROFESSOR	K. J. SOMAIYA COLLEGE OF ARTS AND COMMERCE	pratima.kadu@somaiya.edu	8483824381
130	KARTHIK VENDHAN K	ASSISTANT PROFESSOR	GOVERNMENT COLLEGE OF ENGINEERING SRIRANGAM, TRICHY 620012	vendhan1212@gmail.com	9894703201
131	KAVITHA. J	ASSISTANT PROFESSOR	DG VAISHNAV COLLEGE	profjk25@gmail.com	7299071443
132	KIRTHIKA S	TEACHER	CRESCENT SCHOOL	kirthikanair.18@gmail.com	9940118028
133	KOMATHI J	ASSISTANT PROFESSOR	SRI SAIRAM ENGINEERING COLLEGE	komathi.math@sairam.edu.in	9962407321
134	M RAJESWARI	ASSISTANT PROFESSOR	VIDHYA SAGAR WOMEN'S COLLEGE CHENGALPATTU	rajeswarisivaaug31@gmail.com	9962984240
135	M. MAHESWARI	ASSISTANT PROFESSOR	GURU NANAK COLLEGE AUTONOMOUS	maheshe28@gmail.com	7358211901
136	M.BABU	ASSISTANT PROFESSOR	VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)	mbabu5689@gmail.com	7373125807
137	M.DEEPIKA	ASSISTANT PROFESSOR	PAVAI COLLEGE OF TECHNOLOGY	mdeepii92@gmail.com	9750338807
138	M.MADHIYAZHAGAN	ASSISTANT PROFESSOR	C KANDASWAMI NAIDU COLLEGE	mmadhie86@gmail.com	9751666687
139	M.RAJESH	ASSISTANT PROFESSOR	MANONMANIAM SUNDARANAR	mrajeshraji23@gmail.com	8056757538

			UNIVERSITY COLLEGE, THISAIYANVILAI		
140	MANIMEKALAI S	ASSISTANT PROFESSOR	DR.N.G.P ARTS AND SCIENCE COLLEGE	manimekalai@drngpasc.ac.in	9487568930
141	MOHAMMED RAZIUDDIN	LECTURE	NIZWA COLLEGE OF TECHNOLOGY	mohammed.raziuddin@nct.edu.om	96892934398
142	MR. B. ANAND	ASSISTANT PROFESSOR	HINDUSTHAN INSTITUTE OF TECHNOLOGY	anandhitz@gmail.com	8610961228
143	MR.R. RAMESH	ASSISTANT PROFESSOR	SRMIST RAMAPURAM	rameshr1@srmist.edu.in	9551029804
144	MS.S.MEGALA	ASSISTANT PROFESSOR	MICHAEL JOB COLLEGE OF ARTS AND SCIENCE FOR WOMEN	smegalarave@gmail.com	9791624901
145	MURUGAN G	ASSISTANT PROFESSOR	CHENNAI INSTITUTE OF TECHNOLOGY	murugang@citchennai.net	9940636538
146	MYNAVATHI K	ASSISTANT PROFESSOR	P.K.R. ARTS COLLEGE FOR WOMEN, GOBICHETTIPALAYAM	mynakrishna09@gmail.com	9940249593
147	MYTHILI R	TEACHING ASSOCIATE	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	mythili1301@gmail.com	8939930300
148	NALINI V	ASSISTANT PROFESSOR	DR. N G. P. INSTITUTE OF TECHNOLOGY	nalinimathsrocks@gmail.com	8973477765
149	NEELAVATHI N R	ASSISTANT PROFESSOR	PKR ARTS COLLEGE FOR WOMEN	neelaalogu@gmail.com	9524722114
150	P KOWSALYA	ASSISTANT PROFESSOR	KOVAI KALAIMAGAL COLLEGE OF ARTS AND SCIENCE	kowsiindhu@gmail.com	8903622656
151	P. GAYATHRI PRIYA	ASSISTANT PROFESSOR	S. I. V. E. T COLLEGE	saigpriya@gmail.com	9788661466
152	P. PUSHPA	ASSISTANT PROFESSOR	GOJAN SCHOOL OF BUSINESS AND TECHNOLOGY	pushbkr@gmail.com	9841653680
153	P. THIRUMAL	ASSISTANT PROFESSOR	DG VAISHNAV COLLEGE CHENNAI	thiruselva91@gmail.com	7305333172
154	PRABHAKAR S	ASSISTANT PROFESSOR	S.A ENGINEERING COLLEGE (AUTONOMOUS), CHENNAI-77.	prabhakars@saec.ac.in	9840985689
155	PREEJA V	ASSISTANT	AHALIA SCHOOL	preeja.v@ahalia.ac.in	7559075532



		PROFESSOR	OF ENGINEERING AND TECHNOLOGY		
156	PREETHIL	ASSISTANT PROFESSOR	S.I.V.E.T COLLEGE	preethilog11@gmail.com	9384229551
157	R GEETHA	ASST,PROF.,	PMC TECH	geethaagopi@gmail.com	9442112136
158	R M UMAMAGESWARI	ASSISTANT PROFESSOR	JEPPIAAR ENGINEERING COLLEGE	umabalaji30@gmail.com	9551292922
159	R. DEEPIKA	LECTURE	THIRUVALLUVAR GOVT ARTS COLLEGE, RASIPURAM	deepiram89@gmail.com	9629204435
160	R. DELHI BABU	ASSISTANT PROFESSOR	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	delhimsc@gmail.com	9952185185
161	R. PREETHA	ASSISTANT PROFESSOR	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	preethakarthic85@gmail.com	9944127210
162	R.ALAGESAN	ASSISTANT PROFESSOR	BHARATH NIKETAN ENGINEERING COLLEGE	alagesanmba@gmail.com	9965710275
163	R. ESTHER FELICIA	ASSISTANT PROFESSOR	SHRI KRISHNASWAMY COLLEGE FOR WOMEN	feliakarthykeyan@gmail.com	6382063589
164	R.JAYALAKSHMI	HEAD AND ASSISTANT PROFESSOR	P.K.R. ARTS COLLEGE FOR WOMEN,GOBI	jaipranikaa@gmail.com	6380195821
165	RENUGA K	ASSISTANT PROFESSOR	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY	jayarenuga@gmail.com	9888233314
166	RV JAIKUMAR	ASSISTANT PROFESSOR	ST.JOSEPH'S INSTITUTE OF TECHNOLOGY	jaimscphil84@gmail.com	987042760
167	S SUNDARRAJ	ASSISTANT PROFESSOR	S.I.V.E.T COLLEGE	sjsundar89@gmail.com	8148423934
168	S. JOHN BORG	ASSISTANT PROFESSOR	SACRED HEART COLLEGE (AUTONOMOUS)	sjborg@gmail.com	9787132146
169	S. KARTHIK	ASSISTANT PROFESSOR	MOHAMED SATHAK ENGINEERING COLLEGE	kskarthikmaths@gmail.com	9025476050
170	S. PERUMAL	ASSISTANT PROFESSOR	RMK COLLEGE OF ENGINEERING AND TECHNOLOGY	perumalmaths@gmail.com	9880702760

171	S. RAGAVI	ASSISTANT PROFESSOR	MANNAR THIRUMALAI NAICKER COLLEGE	stragavi22@gmail.com	8680002100
172	S. SURESH	ASSISTANT PROFESSOR	KONGU ARTS AND SCIENCE COLLEGE AUTONOMOUS	susinka16@gmail.com	9890812021
173	S.ARUN	ASSOCIATE PROFESSOR	THIRUTHANGAL NADAR COLLEGE	aruns09091982@gmail.com	9884209879
174	S.DEEPA	ASSISTANT PROFESSOR	EASWARI ENGINEERING COLLEGE, RAMAPURAM	dr.rdeepraj@gmail.com	9940354048
175	S.MANIKANDAPRABHU	ASSISTANT PROFESSOR	ST.JOSEPH'S COLLEGE OF ENGINEERING	manikandaprabhu.maths@gmail.com	9791211724
176	S.P.GEETHA	ASSISTANT PROFESSOR	VELLALAR COLLEGE FOR WOMEN	geetha_sams@rediffmail.com	9842898883
177	S.RADHIKA	ASSISTANT PROFESSOR	CHENNAI ACADEMY OF ARCHITECTURE AND DESIGN	smradhimaths@gmail.com	6374166229
178	S.RAJAGOPAL	ASSISTANT PROFESSOR	ST .JOSEPH'S COLLEGE ARTS AND SCIENCE KOVUR CHENNAI	rajagopal-s@hotmail.com	8220649567
179	S.RANJITHA	ASSISTANT PROFESSOR	K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE	getranji2692@gmail.com	9715103275
180	S.SRIPADMA	ASSISTANT PROFESSOR	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	s.sripadma@gmail.com	9865690200
181	SAHAYA JOTHI S	ASSISTANT PROFESSOR AND HEAD	DRBCCC HINDU COLLEGE	jothikavin2006@yahoo.com	9791164574
182	SAKTHIVEL D	ASSISTANT PROFESSOR	FRANCIS XAVIER ENGINEERING COLLEGE	sakthi.sakthi.vel24@gmail.com	9952569704
183	SATHISH U	ASSISTANT PROFESSOR	PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY	usathish@mes.ac.in	7276916839
184	SATTANATHAN M	ASSISTANT PROFESSOR	FRANCIS XAVIER ENGINEERING COLLEGE,TIRUNELVELI	nathannellai15@gmail.com	9943697617
185	SHANTHI.P	ASSISTANT PROFESSOR,	POPE'S COLLEGE(AUTONOMOUS),SAWYER	pshanthi86@gmail.com	7639490209

			PURAM		
186	SHARUN V	ASST PROFESSOR	PANIMALAR INSTITUTE OF TECHNOLOGY	sharunvictor@gmail.com	9962699740
187	SINDIYA THERESE S	ASSISTANT PROFESSOR	STELLA MARIS COLLEGE	sindiya therese@gmail.com	9940658748
188	SREENIVASAN S	ASSISTANT PROFESSOR	GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY	seenu1274@gmail.com	8825720668
189	SUDHAKHAR. K S	ASSISTANT PROFESSOR	ST. JOSEPH'S COLLEGE OF ENGINEERING	sudhakharks@gmail.com	9840445355
190	T.FLORA	ASSISTANT PROFESSOR	SRI SAIRAM INSTITUTE OF TECHNOLOGY	flora.maths@sairamit.edu.in	9841651030
191	TAMILSELVI. S	ASSISTANT PROFESSOR	DG VAISHNAV COLLEGE	tamilselviselvarajp@gmail.com	9940294097
192	THANGARAJ R	ASSISTANT PROFESSOR	MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY	thangaraj.04@gmail.com	9940807313
193	THENMOZHI. B	ASSISTANT PROFESSOR	SRI SAIRAM ENGINEERING COLLEGE	thenmozhi.math@sairam.edu.in	9486638681
194	THULUKKANAM .K	ASSISTANT PROFESSOR	DR.AMBEDKAR GOVERNMENT ARTS COLLEGE,VYASAR PADI	thulukkanamk786@gmail.com	9840827520
195	UTHRA S	ASSISTANT PROFESSOR	DG VAISHNAV COLLEGE	uthrasri91@gmail.com	9789866190
196	V. PADMAPRIYA	ASSISTANT PROFESSOR	NEW PRINCE SHRI BHAVANI ARTS AND SCIENCE COLLEGE	padmapriyasudhakar@yahoo.com	9842974541
197	V.MANIMOZHI	ASSOCIATE PROFESSOR	PANIMALAR ENGINEERING COLLEGE	sanjupathy@gmail.com	9443634241
198	VAISHNAVI M	ASSISTANT PROFESSOR	GOVERNMENT COLLEGE OF ENGINEERING SRIRANGAM	vaishnavimath@gmail.com	9003266459
199	VIDHYA S R	ASSISTANT PROFESSOR	BON SECOURS COLLEGE FOR WOMEN	svidhya087@gmail.com	9944208587
200	VIJAYANAND J	ASSISTANT PROFESSOR	ST JOSEPH'S COLLEGE OF ENGINEERING	jvanandh@gmail.com	9789889617
201	VINODKUMAR. R	ASSISTANT PROFESSOR	PRATHYUSHA ENGINEERING	vinodmaths85@gmail.com	9976526882

			COLLEGE		
202	Y.SHERLIN NISHA	ASSISTANT PROFESSOR	SRI SAIRAM INSTITUTE OF TECHNOLOGY	sherlin.maths@sairamit.edu.in	9962763171
203	YADAV VARSHA KANTARAM	ASSISTANT PROFESSOR	KARMVEER BHAURAO PATIL POLYTECHNIC SATARA	varshaky6@gmail.com	8552094265
204	YAKKANA RAJASANKAR P	ASSISTANT PROFESSOR	CHENNAI INSTITUTE OF TECHNOLOGY	pyakkana@gmail.com	8056040361

## Course Assessment Progress and Certification for the Online FDP

<b>Summary of the Participants</b>	<b>No of Confirmed Participation</b>	204
	<b>Certified Participants</b>	191

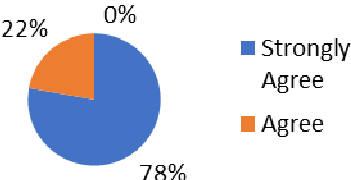
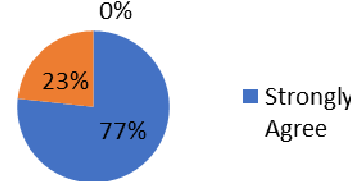
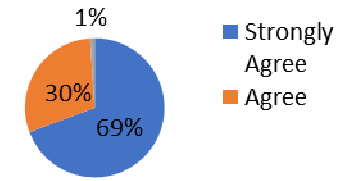
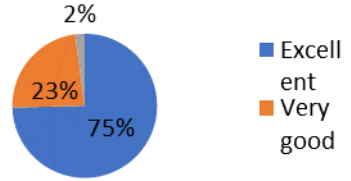
In total, **93%** of participants successfully completed the online FDP on Recent Advances In Graph Theory, Mathematical Biology And Automata Theory.

The sample certificate issued to the participants after the successful completion of online course is given below.



## Analysis of Feedback from the Participants

The feedback about the FDP was collected from the participants in order to improve the further conduct of these types of events.

Feedback Points	Analysis	Inference								
The title of the session conveyed its content	<p style="text-align: center;"><b>The title of the session conveyed its content</b></p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><th>Response</th><th>Percentage</th></tr> <tr><td>Strongly Agree</td><td>78%</td></tr> <tr><td>Agree</td><td>22%</td></tr> <tr><td>Neutral</td><td>0%</td></tr> </table>	Response	Percentage	Strongly Agree	78%	Agree	22%	Neutral	0%	78% of the participants felt they strongly agree, 22% of them felt they agree.
Response	Percentage									
Strongly Agree	78%									
Agree	22%									
Neutral	0%									
Content of the session was more informative	<p style="text-align: center;"><b>Content of the session was more informative</b></p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><th>Response</th><th>Percentage</th></tr> <tr><td>Strongly Agree</td><td>77%</td></tr> <tr><td>Agree</td><td>23%</td></tr> <tr><td>Neutral</td><td>0%</td></tr> </table>	Response	Percentage	Strongly Agree	77%	Agree	23%	Neutral	0%	77% of the participants felt they strongly agree. 23 % of them felt they agree.
Response	Percentage									
Strongly Agree	77%									
Agree	23%									
Neutral	0%									
Session will help to improve research methods	<p style="text-align: center;"><b>Session will help to improve research methods</b></p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><th>Response</th><th>Percentage</th></tr> <tr><td>Strongly Agree</td><td>69%</td></tr> <tr><td>Agree</td><td>30%</td></tr> <tr><td>Neutral</td><td>1%</td></tr> </table>	Response	Percentage	Strongly Agree	69%	Agree	30%	Neutral	1%	69 % of the participants felt they strongly agree. 30 % of them felt they agree. Remaining 1% gave neutral.
Response	Percentage									
Strongly Agree	69%									
Agree	30%									
Neutral	1%									
What is your overall rating of the session?	<p style="text-align: center;"><b>What is your overall rating of the session?</b></p>  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><th>Rating</th><th>Percentage</th></tr> <tr><td>Excellent</td><td>75%</td></tr> <tr><td>Very good</td><td>23%</td></tr> <tr><td>Neutral</td><td>2%</td></tr> </table>	Rating	Percentage	Excellent	75%	Very good	23%	Neutral	2%	75% of the participants felt they strongly agree. 23 % of them felt they agree. Remaining 2% gave neutral.
Rating	Percentage									
Excellent	75%									
Very good	23%									
Neutral	2%									

## Screen Shots:

Day 1

Applications of Graph Theory in Science and Engineering

Dr. S. Prabhu

Assistant Professor  
Department of Applied Mathematics  
Sri Venkateswara College of Engineering  
Sriperumbudur 602 117, India.

May 28, 2020

Windows  
Applications of Graph Theory in Sci.& Engg. May 28, 2020 1 / 46 11:25 AM 28-May-20

Wiener Polarity Index  $C_3$ -free and  $C_4$ -free Graphs

**Theorem**

Suppose  $G$  is a connected  $C_3$ -free and  $C_4$ -free graph such that its different cycles have at most one common edge. If  $N_P = N_P(G)$  and  $N_H = N_H(G)$  denote the number of pentagons and hexagons of  $G$ , then

$$W_P(G) = M_2(G) - M_1(G) - 5N_P - 3N_H + |E(G)|.$$

This theorem was extended in [1] and [2] by relaxing  $C_4$ -free and  $C_3$ -free conditions respectively.

FDP DAY 1 Dr Prabhu SVCE

100% 0:16:56

Dr. S. Prabhu Applications of Graph Theory in Sci.& Engg. May 28, 2020 34 / 46

Day 2



# Mathematical Model for Infectious Diseases

Dr.S.BALAMURALITHARAN

ASSISTANT PROFESSOR (Senior Grade)

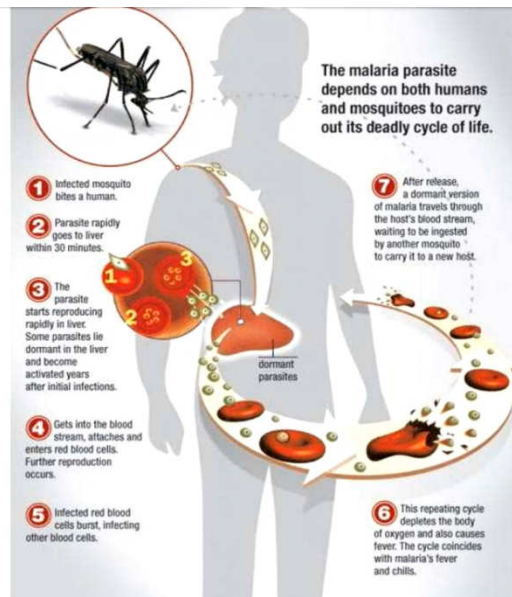
Department of Mathematics

Faculty of Engineering and Technology

SRM Institute of Science and Technology

Kattankulathur-603203

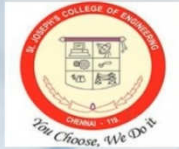
M M 00 0000



Day 3



## RECENT TRENDS IN AUTOMATA THEORY



Dr . T . Kalyani  
Professor  
Department of Mathematics  
St. Joseph's Institute of Technology  
Chennai 119



### PDA ACCEPTANCE BY EMPTY STACK

► Here a PDA accepts a string when, after reading the entire string, the PDA has emptied its stack.

► For a PDA  $(Q, \Sigma, S, \delta, q_0, I, F)$ , the language accepted by the empty stack is :

$$L(\text{PDA}) = \{w \mid (q_0, w, I) \vdash^* (q, \varepsilon, \varepsilon), q \in Q\}$$