

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE



DEPARTMENT : MATHEMATICS

ACTIVITY : SEMINAR

YEAR : 2022-2023

DEPARTMENT OF MATHEMATICS

DATE	TIME	VENUE	MODE
10.02.2023	11:00 a.m. to 12:30 p.m.	E.S.R. Alamelu Ammal Memorial Hall, EMGYWC	Offline
Theme	National Mathematics Day Celebration		
Nature of the Activity	Seminar		
Title	Introduction to Fractional Differential Equation		
Convener	Dr.(Mrs).P.Vidhya Head & Assistant Professor of Mathematics EMGYWC		
Resource Person	Dr.B.Sudaravadiwoo Assistant Professor of Mathematics Alagappa University, Karaikudi.		
Participants	Students - 164		

INTRODUCTION TO FRACTIONAL DIFFERENTIAL EQUATION

Objectives:

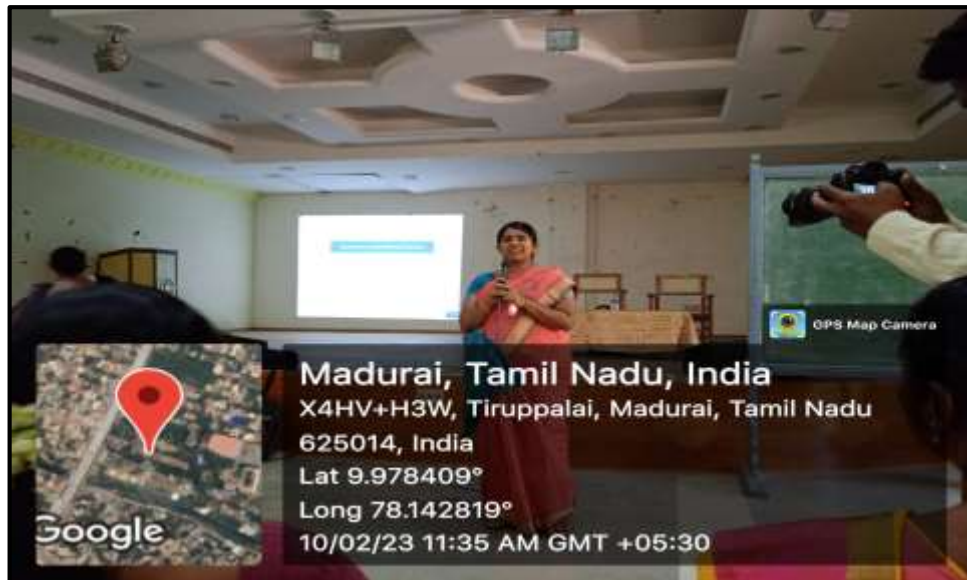
Fractional differential equations (FDEs) extend the concept of classical differential equations by incorporating non-integer orders of differentiation, allowing for more nuanced modeling of complex systems. This approach has led to advances in understanding phenomena on fractal geometries, such as the Sierpinski gasket, which require a different analytical framework due to their unique structure. By constructing a Laplacian on these fractals, fractional calculus provides tools to explore properties that traditional calculus cannot fully capture.

Programme Outcome:

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Participants will explore fractional differential equations, emphasizing the Laplace transform of fractional integrals and derivatives and examining potential applications in science and engineering, paving the way for innovative applications of fractional calculus.

Photographs:



In celebration of National Mathematics Day, the Department of Mathematics hosted a Seminar on "An Introduction to Fractional Differential Equations" on 10.02.2023.

Feedback:

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FEEDBACK FORM

ON THE OCCASION OF RAMANUJAN'S BIRTHDAY CELEBRATION

SEMINAR ON

INTRODUCTION TO FRACTIONAL DIFFERENTIAL EQUATION

RESOURCE PERSON : Dr. B. SUNDARAVADIVOO, M.Sc., M.Phil., Ph.d.,
Assistant Professor of Mathematics,
Alagappa University,
Karaikudi

DATE : 10.02.2023

TIME : 11.00 A.M

VENUE : E.S.R. ALAMELU AMMAL MEMORIAL HALL

S.NO	NAME	CLASS	FEEDBACK
1.	M. Divya	I - B.Sc. Maths (R)	The way of teaching is so nice.
2.	P. Neeraja	I - B.Sc. Maths (R)	It gives thoughtful points.
3.	R. Harshini, pandi	I - B.Sc. Maths (R)	It is usefull to study
4.	J. Ramayee	I - B.Sc. Maths (R)	I got lot of information from that.
5.	A. Merina Devi	I - B.Sc. Maths (R)	More Interesting.
6.	P. Jayalakshmi	I - B.Sc. Maths (R)	It gave me more interesting information basic D.E. and motivate me to know more.
7.	C. Manoranjilham	I - B.Sc. Maths (R)	It is very useful for me. That very interesting for me.

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S.NO	NAME	DEPARTMENT	FEEDBACK
8	V. Mathavi	I BSc Maths(R)	It is very useful and it made me more interested.
9	B. Sangeetha	I BSc Maths(R)	It is helpful and it helps me learn the basic of DE.
10.	S. Rameena	I BSc Maths(R)	Useful.
11.	R. Sasikala	I Maths	It is very helpful.
12.	K. Ratchaka	I Maths	Very useful.
13.	S. Roobara	I B.Sc Maths(R)	It is very interesting and useful.
14)	Pavithra	I.B.Sc Maths(R)	Your teaching is very good.
15)	Gr. Devi	III B.Sc Maths (R)	It is helpful and got lot of information about differential equation
16	C.M. Meenakshi	III - B.Sc Maths (R)	It was so amazing and got many information regarding the session.
17	R. Dhivya	III - B. Sc Maths(R)	It is useful and helpful.

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Enclosures:

a. Permission Letter:



E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI-14
(An Autonomous Institution –Affiliated to Madurai Kamaraj University)
(Re-accredited (3rd cycle) with Grade A⁺ and CGPA 3.51 by NAAC)

To

Dr. B. Sundaravadivoo, M.Sc., M.Phil.,Ph.d.,
Assistant Professor,
Department of Mathematics, Alagappa University,
Karaikudi.

Subject : Letter of Invitation for a Guest Lecture

Dear Madam,

I am delighted to invite you as a speaker in our Mathematics Association Meeting to enlighten our students regarding the subject “ **INTRODUCTION TO FRACTIONAL DIFFERENTIAL EQUATION**” on 10.02.2023, they will be honored to have been able to share your knowledge. I hope you will accept our invitation and help our student to gain knowledge.

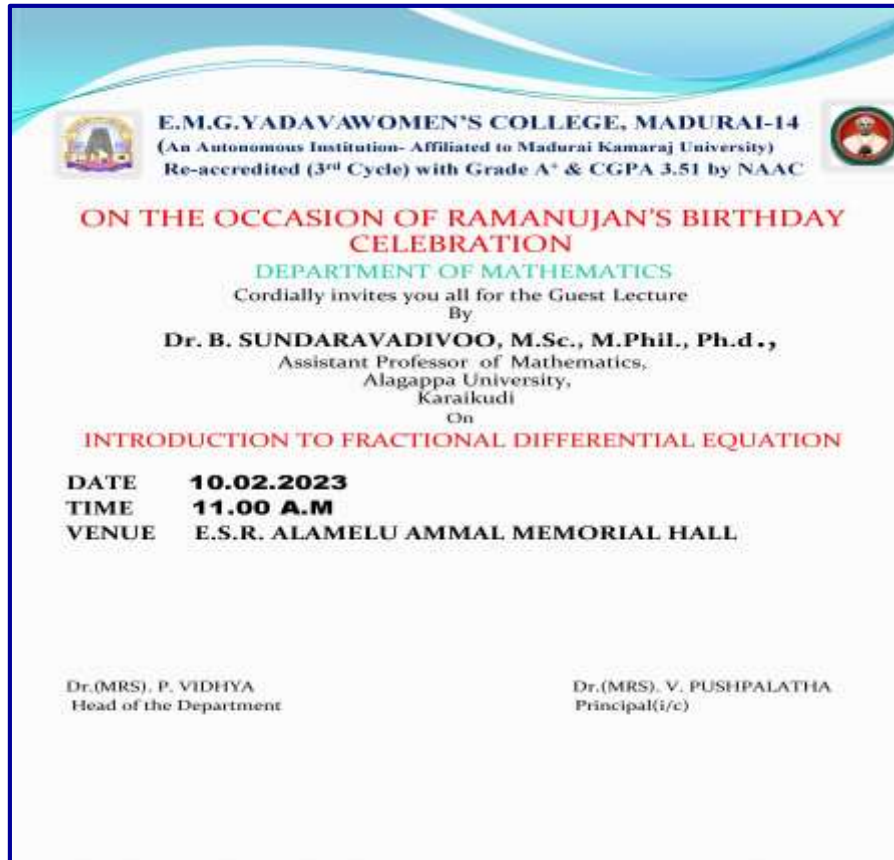
Thanking you

With Regards


Principal

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

b. Invitation:



The invitation card features a blue and white wavy header. At the top left is the college logo, and at the top right is the Madurai Kamaraj University logo. The text is centered and includes the college name, accreditation details, the event title, the speaker's name and affiliation, the lecture topic, and the date, time, and venue. At the bottom, the names and titles of the Head of the Department and the Principal are listed.

E.M.G.YADAVAWOMEN'S COLLEGE, MADURAI-14
(An Autonomous Institution- Affiliated to Madurai Kamaraj University)
Re-accredited (3rd Cycle) with Grade A⁺ & CGPA 3.51 by NAAC

**ON THE OCCASION OF RAMANUJAN'S BIRTHDAY
CELEBRATION**

DEPARTMENT OF MATHEMATICS
Cordially invites you all for the Guest Lecture
By
Dr. B. SUNDARAVADIVOO, M.Sc., M.Phil., Ph.d.,
Assistant Professor of Mathematics,
Alagappa University,
Karaikudi
On
INTRODUCTION TO FRACTIONAL DIFFERENTIAL EQUATION

DATE 10.02.2023
TIME 11.00 A.M
VENUE E.S.R. ALAMELU AMMAL MEMORIAL HALL

Dr.(MRS). P. VIDHYA
Head of the Department

Dr.(MRS). V. PUSHPALATHA
Principal(i/c)

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE

c. Nominal Roll of Participants:
Student Participants of EMGYWC:

E.M.GOPALAKRISHNA KONE YADAVA WOMEN'S COLLEGE			
 E.M.G. YADAVA WOMEN'S COLLEGE, MADURAI – 625 014. (An Autonomous Institution – Affiliated to Madurai Kamaraj University) Re-accredited (3 rd Cycle) with Grade A ⁺ and CGPA 3.51 by NAAC			
Seminar on "Introduction to Fractional Differential Equation" - 10.02.2023			
S.NO.	REGISTER NUMBER	NAME	CLASS
1.	21PMA01	Benishajarojackulinponsi. A	II PG
2.	21PMA02	Gayathri. T	II PG
3.	21PMA03	Gokila. K	II PG
4.	21PMA04	Haritha. S	II PG
5.	21PMA05	Ilami. V	II PG
6.	21PMA06	Jevasri. M	II PG
7.	21PMA07	Karthigaiveni. K	II PG
8.	21PMA08	Keerthana. R	II PG
9.	21PMA09	Kirthiga. N	II PG
10.	21PMA10	Nandhini. K	II PG
11.	21PMA11	Nasrien Banu. S	II PG
12.	21PMA12	Nilani. J	II PG
13.	21PMA13	Nivetha. K	II PG
14.	21PMA14	Packiyajothi.R	II PG
15.	21PMA15	Preethi. M	II PG
16.	21PMA16	Priyadharshini. C	II PG
17.	21PMA17	Priyadharshini.S	II PG
18.	21PMA19	Shibisha.M	II PG
19.	21PMA20	Shobika. K	II PG
20.	21PMA21	Sundari. A	II PG
21.	21PMA22	Vaishnavi. C	II PG
22.	21PMA23	Varshini. G. R	II PG
23.	21PMA24	Vijayasri. L	II PG
24.	21PMA25	Vinithaviveka Keerthi. S	II PG
25.	22PMA01	Gayathri.M	I PG
26.	22PMA02	Geethanjali. R	I PG
27.	22PMA03	Mona Vaisalini .P	I PG
28.	22PMA04	Nadhirasulthana T.S	I PG
29.	22PMA05	Namitha .K	I PG
30.	22PMA06	Nandhini.S	I PG
31.	22PMA07	Priyadharshini. P	I PG
32.	22PMA08	Sathya.M	I PG
33.	20MKA01	M.Abinaya	III (R)
34.	20MKA03	M.Arifa Banu	III (R)
35.	20MKA04	S.Baby Varsha	III (R)
36.	20MKA05	N.Bagavathysre	III (R)
37.	20MKA06	G.Devi	III (R)
38.	20MKA07	T.Dhanalakshmi	III (R)
39.	20MKA08	R.Dhivya	III (R)
40.	20MKA10	B.Farjanu	III (R)
41.	20MKA11	R.Gayathri	III (R)
42.	20MKA12	C.A.Harini	III (R)

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43.	20MKA13	P.Hema Latha	III (R)
44.	20MKA14	R.R.Jepriya	III (R)
45.	20MKA15	R.Kaviya Priya	III (R)
46.	20MKA16	P.Kavya	III (R)
47.	20MKA17	E.Logavathi	III (R)
48.	20MKA18	K.Maheswari	III (R)
49.	20MKA20	S.Manopriya	III (R)
50.	20MKA21	C.M.Meenakshi	III (R)
51.	20MKA22	K.Nagasaroja	III (R)
52.	20MKA23	M.Noothana	III (R)
53.	20MKA24	S.Priyadharshini	III (R)
54.	20MKA25	M.Ramya	III (R)
55.	20MKA26	D.Rivaitha	III (R)
56.	20MKA27	M.Roopa	III (R)
57.	20MKA28	V.Sahana	III (R)
58.	20MKA29	K.Santhiya	III (R)
59.	20MKA30	N.Saranya	III (R)
60.	20MKA31	L.Sasi Priya	III (R)
61.	20MKA32	C.Sivabharathi	III (R)
62.	20MKA33	N.Soundharavalli	III (R)
63.	20MKA34	N.Sowmiyalatha	III (R)
64.	20MKA35	K.Sri Haritha	III (R)
65.	20MKA36	S.Swathika	III (SF)
66.	20MPB01	Anusuya .K	III (SF)
67.	20MPB02	Asmath Nisha .S	III (SF)
68.	20MPB03	Bavani Devi .M	III (SF)
69.	20MPB04	Dhivyabharathi. K	III (SF)
70.	20MPB05	Gunaseela. R	III (SF)
71.	20MPB06	Janani .N	III (SF)
72.	20MPB07	Jeevitha .R	III (SF)
73.	20MPB08	Kamala Priyadharshini .M	III (SF)
74.	20MPB09	Madhumitha .K	III (SF)
75.	20MPB10	Nandhini .M	III (SF)
76.	20MPB11	Nivetha .G	III (SF)
77.	20MPB12	Pavithra .S	III (SF)
78.	20MPB13	Poornima .K	III (SF)
79.	20MPB15	Shalini .V	III (SF)
80.	20MPB16	Sneha .G	III (SF)
81.	20MPB18	Sowmiya .K	III (SF)
82.	20MPB19	Suvalakshmi .C	III (SF)
83.	20MPB20	Viveka .R	III (SF)
84.	21MKA01	Abinaya. K	II (R)
85.	21MKA02	Abinaya .R	II (R)
86.	21MKA03	Ajithra. S	II (R)
87.	21MKA05	Dharani. A	II (R)
88.	21MKA06	Geerthana. B	II (R)
89.	21MKA08	Gowsalya. R	II (R)
90.	21MKA09	Hema .O .S	II (R)
91.	21MKA10	Jerina Banu .M	II (R)
92.	21MKA11	Jeyalakshmi. J	II (R)
93.	21MKA12	Kalaivani. S	II (R)
94.	21MKA13	Kaleeshwari .K	II (R)

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95.	21MKA14	Kaviya. R	II (R)
96.	21MKA15	Keerthana. B	II (R)
97.	21MKA16	Lavanya. T	II (R)
98.	21MKA17	Madhumitha. S	II (R)
99.	21MKA18	Madurga. A	II (R)
100.	21MKA19	Mahalakshmi. I	II (R)
101.	21MKA20	Margreat Devi. D	II (R)
102.	21MKA21	Muthu Ilakkiya. S	II (R)
103.	21MKA23	Pavithra. P	II (R)
104.	21MKA24	Pavithra .S	II (R)
105.	21MKA25	Praveena .R	II (R)
106.	21MKA26	Preethi Saroo. M	II (R)
107.	21MKA27	Preethika. T	II (R)
108.	21MKA28	Rajalakshmi. P	II (R)
109.	21MKA30	Rasika. B	II (R)
110.	21MKA31	Shalini. V	II (R)
111.	21MKA32	Shanmugavalli. K	II (R)
112.	21MKA33	Shanthini. G	II (R)
113.	21MKA34	Shruthikasri. T	II (R)
114.	21MKA35	Sneha. S	II (R)
115.	21MKA36	Somalatha. S	II (R)
116.	21MKA37	Sugantha. S	II (R)
117.	21MKA38	Sugashini .K	II (R)
118.	21MKA40	Swathi .S	II (R)
119.	21MKA41	Vinothini. V	II (R)
120.	21MKA42	Vishnu Priya. L	II (R)
121.	21MKA44	Yogadharshini .A. K	II (R)
122.	18MKA24	Kavitha.N	II (R)
123.	21MPB01	Aartheeswari.S	II (SF)
124.	21MPB02	Arivu Selvi.M	II (SF)
125.	21MPB03	Dhivyadharshini.R	II (SF)
126.	21MPB04	Gayathri.A	II (SF)
127.	21MPB05	Malaiyayee.S	II (SF)
128.	21MPB06	Noorul Hajara.N	II (SF)
129.	21MPB07	Pooja.P	II (SF)
130.	21MPB08	Preethi.S	II (SF)
131.	21MPB09	Srimathi.R	II (SF)
132.	21MPB10	Subhalakshmi.R.A	II (SF)
133.	21MPB11	Thenmozhi.M	II (SF)
134.	22MKA01	P.Aarthi	I (R)
135.	22MKA02	A.Abinaya	I (R)
136.	22MKA04	M.Divya	I (R)
137.	22MKA05	R.Harshini Pandi	I (R)
138.	22MKA06	R.Jeya Lakshmi	I (R)
139.	22MKA07	L.Kayalvizhi	I (R)
140.	22MKA08	M.Kokila	I (R)
141.	22MKA09	C.Manoranjitham	I (R)
142.	22MKA10	V.Mathavi	I (R)
143.	22MKA11	A.Merina Devi	I (R)
144.	22MKA12	P.Neeraja	I (R)
145.	22MKA13	K.Pavithra	I (R)
146.	22MKA14	S.Praveena	I (R)

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147.	22MKA15	K.Ramayee	1 (R)
148.	22MKA16	K.Ratchaka	1 (R)
149.	22MKA17	S.Reehana	1 (R)
150.	22MKA18	S.Ruthreswari	1 (R)
151.	22MKA19	B.Sangeetha	1 (R)
152.	22MKA20	A.Saranyadevi	1 (R)
153.	22MKA21	R.Sasikala	1 (R)
154.	22MKA22	P.Vanmathi	1 (R)
155.	22MPB01	M.Angena	1 (SF)
156.	22MPB02	S.Bala Prathisha	1 (SF)
157.	22MPB03	D.Deva Dharshini	1 (SF)
158.	22MPB04	R.Divya Dharshini	1 (SF)
159.	22MPB05	M.Hema Latha	1 (SF)
160.	22MPB06	S.Jevanthi	1 (SF)
161.	22MPB07	V.Madhumitha	1 (SF)
162.	22MPB08	N.Nagadevi	1 (SF)
163.	22MPB09	V.Showmiya	1 (SF)
164.	22MPB10	G.Tamilarasi	1 (SF)

2. Faculty Participants of EMGYWC:

Seminar on "Introduction to Fractional Differential Equation" - 10.02.2023		
S.NO.	NAME	DESIGNATION WITH DEPARTMENT
1.	Dr.(Mrs.) P.Vidhya	Head & Assistant Professor of Mathematics
2.	Dr.(Mrs).R. Mangayarkarasi	Assistant Professor of Mathematics
3.	Dr.Mrs.G.Alarmelu Mangai	Assistant Professor of Mathematics
4.	Mrs. D. Selvamathi	Assistant Professor of Mathematics
5.	Mrs. R. R. Subanya	Assistant Professor of Mathematics
6.	Mrs. A. Manimegalai	Assistant Professor of Mathematics
7.	Mrs. R. Revathi	Assistant Professor of Mathematics
8.	Miss.A. Manickavalli	Assistant Professor of Mathematics
9.	Mrs. N. Hemalatha	Assistant Professor of Mathematics
10.	Mrs. N.Uma Maheshwari	Assistant Professor of Mathematics
11.	Miss. M. Karthiga	Assistant Professor of Mathematics

Coordinator:

Dr. P. Vidhya

Head of the Department


PRINCIPAL
E.M.G. YADAVA WOMEN'S COLLEGE
MADURAI-625014