

DEPARTMENT OF MATHEMATICS SF

Title	: One day International Seminar on “Applied Mathematics”
Date	: 21.08.2017
Resource Person	: 1. Dr. Arivaringan, Manonmiam Sundaranar University 2. Mrs. Jayachithra Rengarajan, School of Knowledge, Sharjah, UAE. 3. Dr. N. Prabhu, Mathematics Section, Department of IT, Al Musanna College of Technology, Muiaddah – Musanna, Sultanate of Oman.
No. of Participants	: 312
Focus on	: <u>Entrepreneurship & Skill Development</u>
Outcome	: The participants • were explained the concept of Statistical modelling • learnt real life applications of graphs and networks • were taught the use of graph theory in day today life, especially in networks • were introduced to new notions of Geomatics Engineering like remote sensing, Geographic Information System (GIS), Global Positioning System (GPS)

Report:

An International Seminar on “Applied Mathematics” was organised by Department of Mathematics (SF), Fatima College for the benefit of students on 21.08.2017. The session started with a prayer and Mrs. E. Helena, Head, Department of Mathematics (SF) welcomed the gathering. Our dynamic and loving Principal, Rev. Dr. Sr. G. Celine Sahaya Mary, gave the inaugural address.

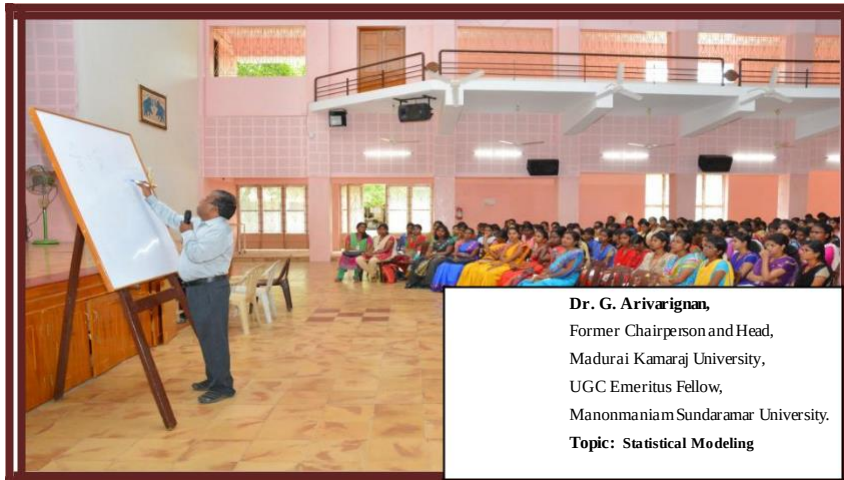
The International Seminar was divided into three sessions with three different eminent Resource persons. In Session I, Dr. Arivaringan, Manonmiam Sundaranar University introduced the concept of Statistical modelling. He presented the ideas of Statistical modelling, randomisation, replication etc. The session was very informative.

The topic of the second session was, real life applications of graphs and networks. Mrs. Chitra, was the speaker. She began with the basic definitions in graph theory. The practical examples she gave made it easy to understand the concepts of graph theory and the use of graph theory in day today life and especially in networks. This session was enlightening and it was indeed an interactive session. The activity given by the speaker made the students enthusiastic and it kindled the interest towards the subject. Further, the theories of “three utilities problem and 7 colour states” were discussed. The students were overwhelmed after knowing the uses of Mathematics in all fields.

The Resource person for the final session was, Dr. Prabhu. During that session the lecturer familiarized the new notions of Geomatics Engineering like remote sensing, Geographic Information System (GIS), Global Positioning System (GPS). He enlisted the types of remote sensing, types of RS Satellites. At the end of this session students came to know how Mathematics is used in Satellites to spot the location of any building, person etc.



Ms. Helena, Head of the Department of Maths SF, welcoming the gathering and Dr. Sr. Celine Sahaya Mary, Principal delivering the Inaugural Address.



Dr. G. Arivarignan,
Former Chairperson and Head,
Madurai Kamaraj University,
UGC Emeritus Fellow,
Manonmaniam Sundaramar University.
Topic: Statistical Modeling



Mrs. Jayachithra Rengarajan,
School of Knowledge, Sharjah, UAE.
**Topic: Real Life Applications of Graph
Theory and Networks**



Fatima College (Autonomous)

(College with Potential for Excellence)

(Re-Accredited with 'A' Grade by NAAC)

Mary Land, Madurai - 625 018.



INTERNATIONAL SEMINAR

ON

APPLIED MATHEMATICS

ORGANIZED BY

DEPARTMENT OF MATHEMATICS (SF)

VENUE- JUBILEE HALL

August 21, 2017



PROGRAMME

10.00 – 10.30 a.m	Inauguration
Inaugural Address	Dr. Sr. G Celine Sahaya Mary Principal, Fatima College.
10.30 – 12.00 noon	Session I
Topic	"STATISTICAL MODELING" Dr. G. Arivarignan Former Chairperson and Head Madurai Kamaraj University UGC Emeritus Fellow, Manonmaniam Sundaranar University.
12.00 – 1.30 p.m	Session II
Topic	"REAL LIFE APPLICATIONS OF GRAPH THEORY AND NETWORKS" Ms. Jayachitra Rengarajan School of Knowledge, Sharjah, UAE.
1.30 – 2.30 p.m	Lunch
2.30 – 4.00 p.m	Session III
Topic	"NUMBER THEORY AND CRYPTOGRAPHY" Dr. N. Prabhu, Department of IT, Al Musanna College of Technology, Muladdah – Musanna. Sultanate of Oman
4.00 p.m	Valediction

List of Participants

SI NO.	REGISTER NO.	NAME
1.	2015MB01	AHASHA D
2.	2015MB02	AKSHAYA GAYATHRI A
3.	2015MB03	AMALA ESTHER A
4.	2015MB04	ARUNA DEVI R
5.	2015MB05	BHAVADHARANI T
6.	2015MB06	BHAVANI S
7.	2015MB07	BHAVANI V
8.	2015MB08	CIVIA K
9.	2015MB09	DIVYA R
10.	2015MB10	FREEDA P
11.	2015MB11	GAYATHRI G
12.	2015MB12	GAYATHRI KR
13.	2015MB13	GOBIKA S
14.	2015MB14	GOWSALYA S
15.	2015MB15	HABIBUNISHA J
16.	2015MB16	JANANI M
17.	2015MB17	JENITHA SELVAKUMARI J
18.	2015MB18	JEYALINGESHWARI K
19.	2015MB19	JEYA SANKAVI P
20.	2015MB20	JOSEPHINE KAMALI A
21.	2015MB21	KALPANA C
22.	2015MB22	KARPAGA JOTHI M
23.	2015MB23	KARTHIKA B
24.	2015MB24	KAUSALYA S
25.	2015MB25	KAVIYA PRIYA V
26.	2015MB26	KEERTHIGA P
27.	2015MB27	KOMALA P

28.	2015MB28	KRITHIKA S
29.	2015MB29	LAVANYA K
30.	2015MB30	MARCELIN SHEEBA A
31.	2015MB31	MARIYA GNANA SELVI A
32.	2015MB32	MATHUMITHA G
33.	2015MB33	MEENA A
34.	2015MB34	MEENAKSHI S
35.	2015MB35	MINU SHREE P
36.	2015MB36	MUTHU KAVITHA K
37.	2015MB37	NANDHINI P
38.	2015MB38	NANDHINI S
39.	2015MB39	NANDHINI PRIYA M
40.	2015MB40	NIVETHAA SREE S M
41.	2015MB41	OVIYA G
42.	2015MB42	PARKAVI P
43.	2015MB43	PAVITHRA A
44.	2015MB44	PAVITHRA M
45.	2015MB45	PETCHIAMMAL C
46.	2015MB46	PRABHAVATHY G
47.	2015MB47	PREETHI G
48.	2015MB48	PRIYADHARSHINI P
49.	2015MB49	PRIYADHARSHINI R
50.	2015MB50	PRIYANKA T R
51.	2015MB51	RAJESHWARI K
52.	2015MB52	RAMYA T
53.	2015MB53	REENA S
54.	2015MB54	RESHMA A
55.	2015MB55	REVATHI R
56.	2015MB56	SANKARI A
57.	2015MB57	SANTHANALAKSHMI C

58.	2015MB58	SANTHIYA M
59.	2015MB59	SARANYA V
60.	2015MB60	SARMILA P
61.	2015MB61	SHAFIYA FATHIMA S
62.	2015MB62	SHALINI M
63.	2015MB63	SHAMITHA S J
64.	2015MB64	SHANMUGAPRIYA M
65.	2015MB65	SHANMUGI M
66.	2015MB66	SHENBAGAPRIYA E
67.	2015MB67	SHYAMALA N
68.	2015MB68	SOPHIKA S
69.	2015MB69	SRIRANJANI G
70.	2015MB70	SUBASHINI V
71.	2015MB71	SUBASHREE P
72.	2015MB72	THAMANNA D
73.	2015MB73	UMA MAHESWARI S
74.	2015MB74	VANITHA S
75.	2015MB75	VASUMATHI M
76.	2015MB76	VENNILA S
77.	2015MB77	VIDHYA S
78.	2015MB78	VIJAYALAKSHMI B
79.	2015MB79	VINOTHA K
80.	2015MB80	VIRGIN A
81.	2015MB81	ABARNA R
82.	2015MB82	ABITHA MARIA IDHAYA J
83.	2015MB83	AISWARYARAI V
84.	2015MB84	ANANDHI M
85.	2015MB85	ANITHA MARY A
86.	2015MB86	APARNA M
87.	2015MB87	ARUNA DEVI R

88.	2015MB88	ASMA PARVEEN R
89.	2015MB89	BHAVANI M
90.	2015MB90	EBINOLISHA C
91.	2015MB91	FATHIMA ARSHIN Y
92.	2015MB92	GAYATHRI R
93.	2015MB93	GIRIJA A
94.	2015MB94	GOBIKA M
95.	2015MB95	GOKILA S
96.	2015MB96	GOMATHY N
97.	2015MB97	HARSHA P
98.	2015MB98	HEMALATHA C
99.	2015MB99	HILDA MERLIN C
100.	2015MB100	JANANI S
101.	2015MB101	JEEVITHA BABY A
102.	2015MB102	JENIFER J
103.	2015MB103	KARTHIGA A G
104.	2015MB104	KAVITHA A
105.	2015MB105	KAVIYA P
106.	2015MB106	KEERTHIGA G
107.	2015MB107	KIRUTHIKA R
108.	2015MB108	KOWSALYA K
109.	2015MB109	LAVANYA P
110.	2015MB110	LINCY RANJANA D
111.	2015MB111	LOURDES OVIYA D
112.	2015MB112	MADHUMITHA T
113.	2015MB113	MAGLIN HELINA X
114.	2015MB114	MAHA KOWSALYA M
115.	2015MB115	MAHESWARI K
116.	2015MB116	MARIA DONY X
117.	2015MB117	MARIA NIJUSHINI V

118.	2015MB118	MEENA POORANI K N
119.	2015MB119	MERLIN J
120.	2015MB120	MICHAELIN CECILIA A
121.	2015MB121	MONALISA N
122.	2015MB122	MUTHEESWARI S
123.	2015MB123	MUTHU MANOGARI M
124.	2015MB124	NANDHINI R
125.	2015MB125	NANDHINI T
126.	2015MB126	NARMADHA DEVI R
127.	2015MB127	NAVEENA P V
128.	2015MB128	NISHA N
129.	2015MB129	NITHYALAKSHMI V
130.	2015MB130	NIVETHA DEVI K
131.	2015MB131	PADMA PRIYA M
132.	2015MB132	PANDI MEENA N
133.	2015MB133	PAVITHRA A C
134.	2015MB134	PAVITHRASHREE R
135.	2015MB135	PRIYA DHARSHINI R
136.	2015MB136	RAJEE B
137.	2015MB137	RAMYA T C
138.	2015MB138	REKHA S J
139.	2015MB139	SANDHIYA P
140.	2015MB140	SANGEETHA R
141.	2015MB141	SARANYA G
142.	2015MB142	SARANYA P
143.	2015MB143	SARMILA K
144.	2015MB144	SELASTINA J
145.	2015MB145	SELVAKOWSALYA S
146.	2015MB146	SENGOLE BHAVANI E
147.	2015MB147	SHARUNITHA K

148.	2015MB148	SHEELA DEVADHARSHINI M
149.	2015MB149	SIVARANJANI S
150.	2015MB150	SONIYA M
151.	2015MB151	SOUNDARIYA K
152.	2015MB152	SUBBU RATHINAM R
153.	2015MB153	THASIN BANU J
154.	2015MB154	UMA MAGESHWARI R
155.	2015MB155	VARSHA S
156.	2015MB156	VIDHYA V
157.	2015MB157	VIJAYALAKSHMI M
158.	2015MB158	VINOTHINI M
159.	2016MB01	AARTHI M
160.	2016MB02	ABARNA S
161.	2016MB03	ABINAYA R
162.	2016MB04	AISWARYAA S
163.	2016MB05	ANJANA B G
164.	2016MB06	APARNA B G
165.	2016MB07	AROCKIA SHYLA B
166.	2016MB08	BHAVATHARANI S
167.	2016MB09	DIVYA M
168.	2016MB10	DIVYALAKSHMI S
169.	2016MB11	GAYATHRI M
170.	2016MB12	GEERTHI S
171.	2016MB13	GEETHALAKSHMI T
172.	2016MB14	GNANESHMA M
173.	2016MB15	GOKILA PRIYADHARSHINI R
174.	2016MB16	GURU PRIYA S
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176.	2016MB18	HARISHMA S
177.	2016MB19	INDUMATHY G

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187.	2016MB29	LOGESWARI D
188.	2016MB30	MADHUMITHA R
189.	2016MB31	MAHALAKSHMI M
190.	2016MB32	MARIA JOLE J
191.	2016MB33	MARY CHRISTA Y
192.	2016MB34	MUTHUSELVI C
193.	2016MB35	NANDHINI DEVI M
194.	2016MB36	NAYANA SHRI T S
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297.	2016MB139	SHOWMYA P

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303.	2016MB145	TAMIL THERASA R
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307.	2016MB149	VIBHUSHNA PREETHI D
308.	2016MB150	VIJAYALAKSHMI G
309.	2016MB151	VIJAYASUDHA B
310.	2016MB152	VILLVAPRIYA P
311.	2016MB153	VISWALAKSHMI S
312.	2016MB154	YOHALAKSHMISHREE B