

GAYATRI COLLEGE OF SCIENCE&MANAGEMENT
(Affiliated to Dr.B.R.Ambedkar University)
Accredited by NAAC & ISO
Under the Management of Gurajada Educational Society
Munasabpeta, Srikakulam-532401


Munasabpeta,
Date: 14.11.2020

C I R C U L A R

This is to inform you that Department of Physics has planned to conduct the Faculty Development program in **ADVANCES IN LASER PHYSICS** for 5 days i.e., scheduled from 16.11.2020 to 20.11.2020. This is useful to enrich your knowledge in Physics. In this connection, all the Faculty are requested to attend the programme.

Resource Person : Sri K. Naresh Kumar
Lecturer in Physics
SSR Degree College, Srikakulam
Timings : 1.00 P.M To 2.00 P.M
Venue : Seminar Hall


Head of the Department of Physics
\\


Principal
PRINCIPAL
Gayatri College of Science & Management
Munasabpeta-Srikakulam-532 401



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Munasabpeta, Srikakulam - 532401

Name of the Programme : FDP in Advances in Laser physics

Date : 16-11-2020 To 20-11-2020

Department : Physics

S.No	Name Of The Staff	Designation	College Name	16/11	17/11	18/11	19/11	20/11
1.	P.V. Ramamurthy	Lecturer	Gayatri College	Pl	Pl	Pl	Pl	Pl
2	B. Sureshkumar	Lecturer	"	Pl	Pl	Pl	Pl	Pl
3	Ch. Satyanarayana	"	"	Pl	Pl	Pl	Pl	Pl
4	K.V. Satyanarayana	"	"	Pl	Pl	Pl	Pl	Pl
5	S. Mahesh Babu	Lecturer	"	Pl	Pl	Pl	Pl	Pl
6	D. Sri Ramulu	Lecturer	GCSM	Pl	Pl	Pl	Pl	Pl
7	K. Marthand Kumar	Lecturer	"	Pl	Pl	Pl	Pl	Pl
8	B. Aruna	Lecturer	"	Pl	Pl	Pl	Pl	Pl
9	P. Revathi	"	"	Pl	Pl	Pl	Pl	Pl
10	L. Chakravarthy	"	"	Pl	Pl	Pl	Pl	Pl
11	B. Govindarajan	"	Gayatri College	Pl	Pl	Pl	Pl	Pl
12	T.V. Chandramouli	"	"	Pl	Pl	Pl	Pl	Pl
13	A.S.R. Shanmuganathan	Lecturer	"	Pl	Pl	Pl	Pl	Pl
14	K. Balasundar Rao	Lecturer	Gayatri College	Pl	Pl	Pl	Pl	Pl
15	K. Nareesh Kumar	Lecturer	SSR Degree College	Pl	Pl	Pl	Pl	Pl
16	P. Eswararao	Lecturer	Abdurhaman Degree College	Pl	Pl	Pl	Pl	Pl
17	Dr. S. Hanprasad	Lecturer	Srinivasan Degree College	Pl	Pl	Pl	Pl	Pl
18	N. Hanprasad	Lecturer	GCSM	Pl	Pl	Pl	Pl	Pl
19	Ch. Sunitha	Lecturer	GCSM	Pl	Pl	Pl	Pl	Pl

Programme Coordinator

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Date: 20-08-2020

PROGRAMME REPORT

Name of the programme : A One Week Faculty Development Programme on
"Advances in Laser Physics"

Dates : 13-08-2020 to 17-08-2020

Details of Resource Person:

Name : Sri.K. NARESH KUMAR

Designation : Lecturer

Organization : SSR Degree College

Ph. No : 9963419708

Mail. Id : knaresh76@gmail.com

Objective of the Programme:

Lasers are involved in almost all aspects of these fields, from "light shows" to Compact Discs (CDs) and Digital Video Discs (DVDs), to special effects in the movies. Some other commonplace applications of lasers are as Laser pointers, barcode scanners, laser printers, etc. Over the past decade, lasers have become both bigger and smaller in size, as well as more powerful and less expensive. The technology has expanded in number of wavelengths and in the range of materials used. Lasers have worked their way into everyday life and otherworldly applications. Its potential areas of application are virtually endless. Quantum technology will play a key role in numerous different areas, from novel sensor systems for medicine and autonomous driving to new types of data encryption to new microscopes and equipment that we can't even imagine yet.

Topics covered:

- Gas.
- Liquid.
- Semiconductor.
- Solid-State.
- Spectroscopy.
- Heat treatment.
- Weather.
- Lunar laser ranging.
- Photochemistry.
- Laser scanner.
- Laser cooling.
- Nuclear fusion

Outcome of the Programme:

- Laser Range Finding.
- Bar Code Readers.
- Laser Surgery.
- Holographic Imaging.
- Laser Spectroscopy.

No. of Participants: 20


Coordinator


HOD

Objective of the Programme:-

*Understanding Advanced Laser applications

Resource Person:

Sri.K. NARESH KUMAR

knaresh76@gmail.com,

Mobile No : 9963419708,

SSR Degree College

REGISTRATION FORM

Name:.....

Designation :

Institution:.....

Address for Communication:

.....

.....

Mobile:.....

Email:.....

Last date to Registration:
15-11-2020

Program Committee:

PRINCIPAL

Dr. P.Srinivasarao

Principal

Gayatri College of Science & Management

CONVENOR

Sri. B.V.B. HANUMANTU RAO

Lecturer, HOD of Physics

Gayatri College of Science & Management

COORDINATOR

Sri. P.V. RAMANA MURTY

Lecturer, HOD of Physics

Gayatri College of Science & Management

Address for Communication:-

Sri. P.V. RAMANA MURTY

Coordinator

Gayatri College of Science & Management

Munasabupeta, Srikakulam

Contact No: 9492420122

Mail : ramanamurtypanga@gmail.com



**GAYATRI COLLEGE OF
SCIENCE & MANAGEMENT**

(Affiliated to Dr.B.R.Ambedkar University)

**A FACULTY
DEVELOPMENT PROGRAM
ON**

Advances in Laser Physics

Dates

16.11.2020 to 20.11.2020

Organized by

Department of Physics

Venue

Seminar Hall

Gayatri College of Science & Management

Munasabpeta,

SRIKAKULAM-532401, A.P.

INDIA.

About the College:-

Gayatri College of Science and Management was established in the year 1991, it is one of the best college in Andhra Pradesh. There is no such college in the rural area, it provides all the latest facilities. The college provides the best higher education to the society and the aim of the college is to provide the education with the latest and high tech facilities. It gives the opportunities to study to those students who willing to study and economically week. Shri G.V. Swamy Naidu, is a dynamic man he was to spread education all over and he comes from backward area so he decided to spread education in the rural area. The main aim of the college is to serve the best quality of education to the students who comes from backward area.

Gayatri College of Science and Management got affiliated by Andhra University and there are many other courses are offered by the college for the undergraduate, post graduate and professional courses and diploma courses, aspirants interested in their area take admission and pursue career.

There are many courses offered by the Gayatri College of Science and Management such as

*Bachelors of Science- Mathematics,
*Physics, *Chemistry, *Zoology, *Bio-Chemistry,
*Bio- Biotechnology

Post graduation Courses-

*Master of Business Administration
*Master of Computer Application
*Master in Science- Analytical Chemistry

The college has best facilities such as laboratories, spacious and lush green area, dedicated staff, transportation facility.

About the Department:-

The Department of Physics was established from the inception of the college i.e in the year 1996. Its glorious progress with a well established laboratories, instrumentation and other equipments. The department offers variety physics courses for the purpose of imparting knowledge in the core subject.

The department serves with highly qualified and experienced faculty members from the day of established.

At present the Department has fully equipped laboratories for the need of students as well as for research work and total 4 faculty members are working in the department with highly qualified and experienced.

The faculty of the department are involved in research in various areas.

Department also has Departmental Library. This department is equipped with LCD projector and a computer with internet facility.

About the Progeam:-

**Understanding Advanced Laser applications*

Topics Covered:-

* LASER
* Advanced LASER
* Advanced LASER Applications






GAYATRI COLLEGE OF SCIENCE & MANAGEMENT

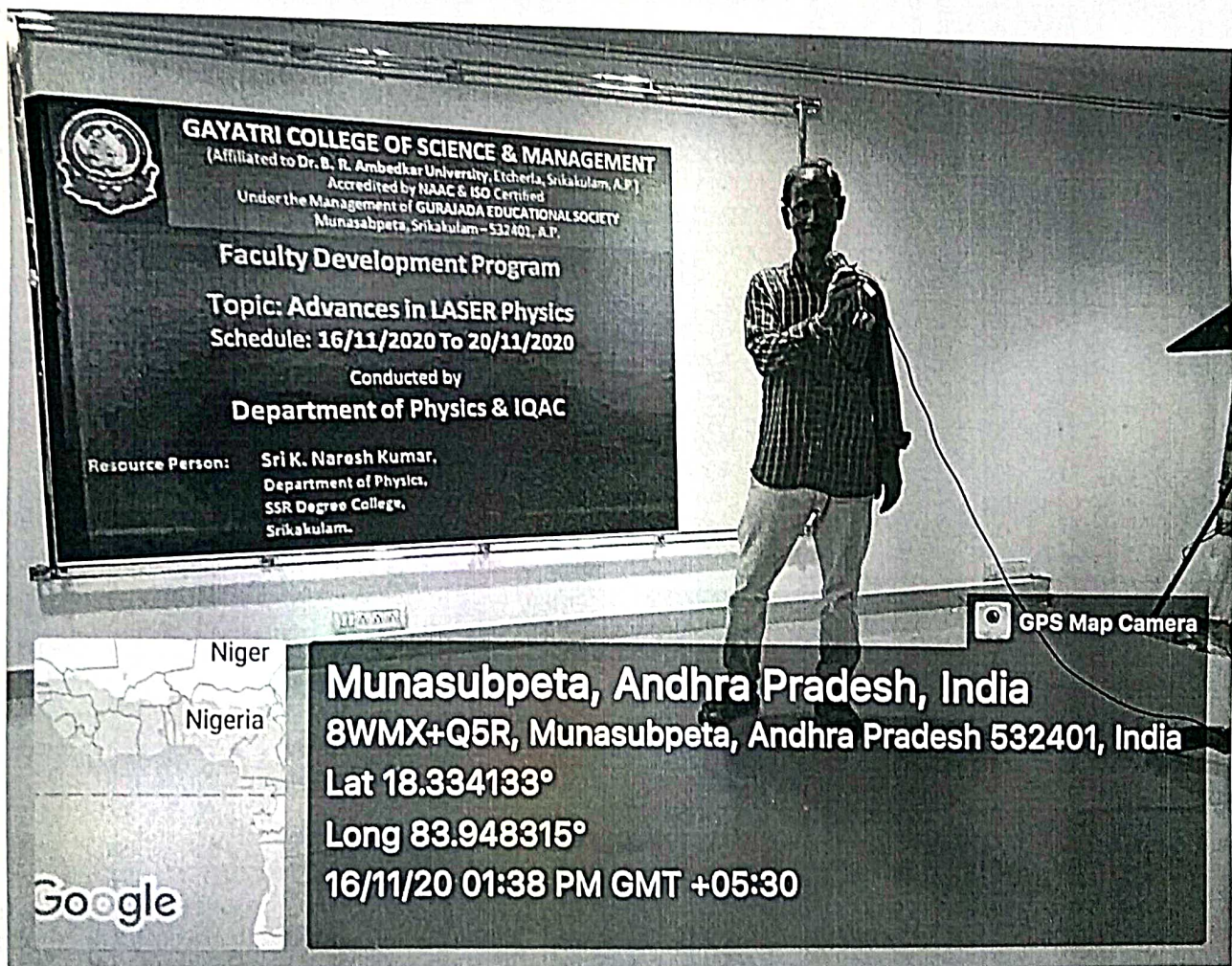
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Munasabpeta, SRIKAKULAM-532401, A.P.

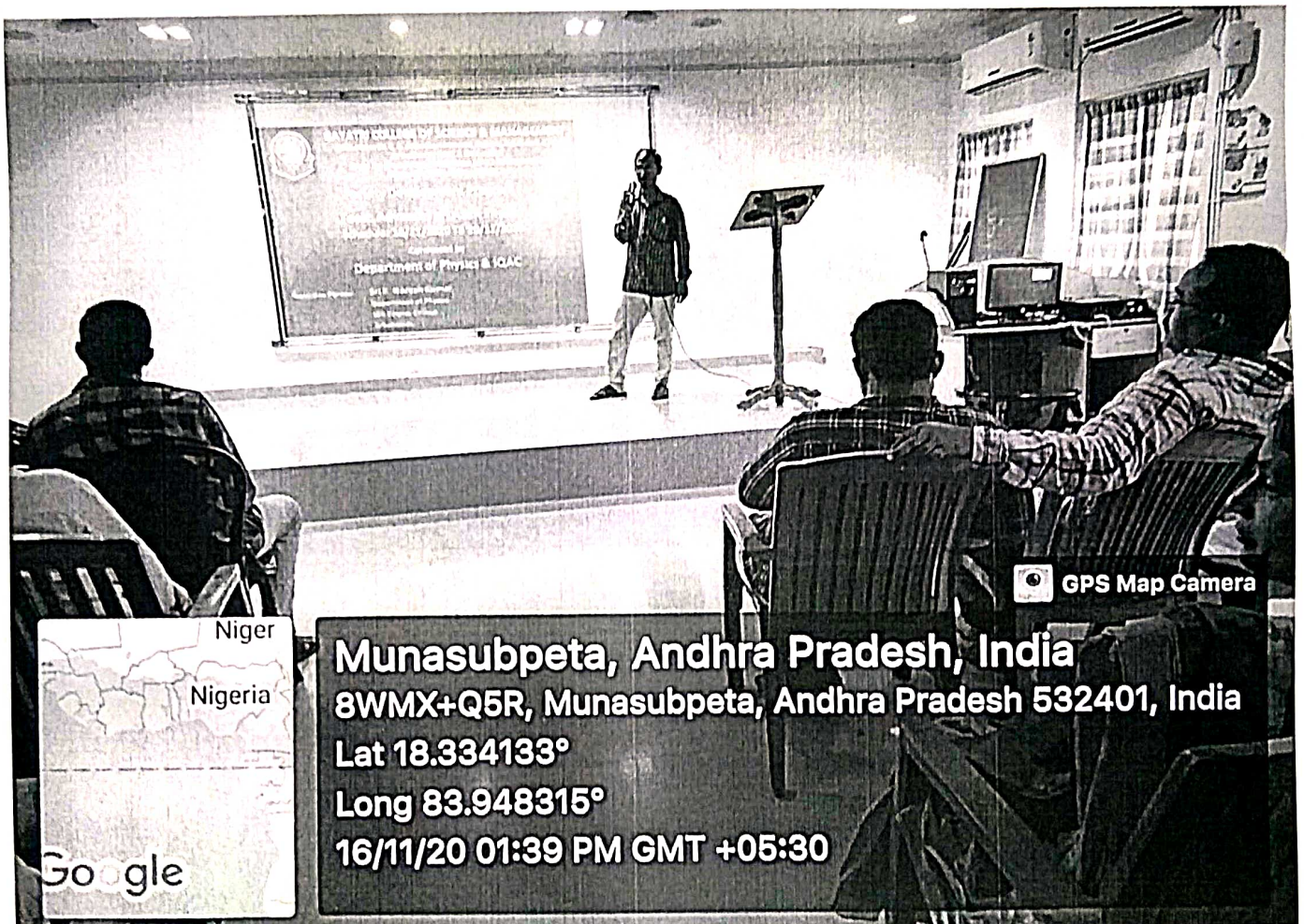
Certificate of Participation

This is to certify that Dr./ Mr./Mrs./Ms. L. Chakravarthi
has participated in "A FDP On Advances in Laser Physics" organized by department
of Physics, from 16.11.2020 to 20.11.2020 held at Gayatri College of Science &
Management, Munasabpeta, Srikakulam-532401, A.P.


Program Coordinator


Principal
PRINCIPAL
Gayatri College of Science & Management
Munasabpeta-Srikakulam-532401





GPS Map Camera

Munasubpeta, Andhra Pradesh, India
8WMX+Q5R, Munasubpeta, Andhra Pradesh 532401, India
Lat 18.334133°
Long 83.948315°
16/11/20 01:39 PM GMT +05:30

Google

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Munasabpetta, SRIKAKULAM – 532 401.

Circular(Staff)


Date: 18-01-2021

All the Staff members are requested to attend the 5 days FDP,
that will be conducted by the Department of Mathematics from 20/01/2021 to
24/01/2021 at the seminar hall by 1:00pm.

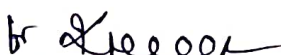
Resource Person : Dr. K. Marthanda Krishna.

Topic : Research Methodology.

Research Venue : Seminar Hall.


H. O. D.

Mathematics


IQAC


PRINCIPAL

Gayatri College of Science & Management
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Munasabpeta, Srikakulam - 532401

Name of the Programme : Research Methodology

Date : 20/01/2021 to 24/01/2021

Department : Mathematics
20/01/21 21/01/21 22/01/21 23/01/21 24/01/21

S.No	Name Of The Staff	Designation	College Name						
1	B. Anura	Lecturer	CCSM	A	A	A	A	A	
2	K. Marthanda	"	CCSM	Xe	Xe	Xe	Xe	Xe	
3	P. Revathi	"	"	L	L	L	L	L	
4	Ch. Rajkumar	"	"	S	S	S	S	S	
5	G.v. Chandramauli	Lecturer	CCSM	2	2	2	2	2	
6	Ch. Satyanarayana	Lecturer	CCSM	ch	ch	ch	ch	ch	
7	K.v.v. Satyanarayana	"	CCSM	ch	ch	ch	ch	ch	
8	D. Srikanth	"	CCSM	ch	ch	ch	ch	ch	
9	P. Rami Prakash	Lecturer	CCSM	PL	PL	PL	PL	PL	
10	S. Mahesh Babu	"	CCSM	SR	SR	SR	SR	SR	
11	G. Hemalatha	"	CCSM	SR	SR	SR	SR	SR	
12	P. Chandra Sekhara	Lecturer	"	SR	SR	SR	SR	SR	
13	T. Prashanthi	Lecturer	"	P	P	P	P	P	
14	B. Govardhan	Lecturer	Gayatri	B	B	B	B	B	
15	Ch. Suresh	"	Gayatri	B	B	B	B	B	
16	B. Suresh	Lecturer	CCSM						
17	Y. Rambabu	Lecturer	CCSM						
18	P. v. Ramana Murthy	Lecturer	CCSM						
19	B. Ramu	Lecturer	CCSM						

B. Anura
Programme Coordinator



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Name of the Programme : Research Methodology

Date : 20/01/2021 to 24/01/2021

Department : Mathematics

S.No	Name Of The Staff	Designation	College Name	20/1/21	21/1/21	22/1/21	23/1/21	24/1/21
20.	Ch-Appala Naidu	lecturer	C C S M	ChN	ChN	ChN	ChN	ChN
21.	P. Sanyal Narayana	lecturer	C C S M	PS	PS	PS	PS	PS
22.	K. Bala Sundar Rao	lecturer	C C S M	KBR	KBR	KBR	KBR	KBR
23.	P. Upendra Rao	lecturer	C C S M	PU	PU	PU	PU	PU
24.	T. Balaji	lecturer	C C S M	TB	TB	TB	TB	TB
25.	P. Hima Lakshmi	lecturer	C C S M	PH	PH	PH	PH	PH
26.	B. Jagadeesh Kumar	lecturer	C C S M	BK	BK	BK	BK	BK
27.	S. Hemalatha	lecturer	C C S M	SH	SH	SH	SH	SH
28.	P. Seetharam Naidu	lecturer	C C S M	PS	PS	PS	PS	PS
29.	D. V. Prasad	lecturer	C C S M	DV	DV	DV	DV	DV
30.	T. Prasanthi	lecturer	C C S M	TP	TP	TP	TP	TP
31.	T. Dileswari	lecturer	C C S M	TD	TD	TD	TD	TD
32.	P. S. C. S. Mani Prasad	lecturer	C C S M	MS	MS	MS	MS	MS
33.	K. Ravi Kumar	lecturer	C C S M	KR	KR	KR	KR	KR
34.	B. Raja Ramani	lecturer	C C S M	BR	BR	BR	BR	BR
35.	M. Srikanth	lecturer	C C S M	MS	MS	MS	MS	MS

B. Aruna

Programme Coordinator

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Munasabpeta, SRIKAKULAM – 532 401

Munasabpeta,
Date: 22-01-2021.

PROGRAM REPORT

Name of the Resource Person: Dr. K. Marthanda Krishna

Topic: Research Methodology

OBJECTIVES:

1. To gain familiarity with a phenomenon.
2. To portray accurately the characteristics of a particular individual, situation or a group.
3. To test a hypothesis of a casual relationship between variables.
4. Find solution to theoretical and practical problems.

TOPICS COVERED:

1. Foundation of Research.
2. Problem identification and formulation.
3. Research design and methods.
4. Types of Research Problems
5. Choosing a Correct Research Problem

OUTCOMES:

1. Able to know how to collect data and analyze it.
2. Acquire skills on framing it into a research paper.
3. Aware on intellectual property rights and how to protect it.
4. Acquire honing research skills that are needed at every stage of their research.

Number of participants: 35


CONVENOR



INVITATION

**MATHEMATICS IN REAL, APPLIED,
COMPUTATIONAL LEARNING ENVIRONMENT**

DEPARTMENT OF MATHEMATICS AND IQAC

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WELCOME ADDRESS BY

Sri M.D.G. Prakash

H.o.D Mathematics
Gayatri College of Science & Management

SPECIAL ADDRESS BY

Sri A.SRINIVASA BABU

IQAC Coordinator
Gayatri College of Science & Management

Vote of Thanks

Smt. P. REVATHI

Lecturer, Dept. of Maths

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LECTURE SCHEDULE

20-01-2021	Dr. K. Marthanda-Krishna Lecturer in Mathematical Science	Time: (1:00 to 2:00 Noon) Topic Foundation of Research.
21-01-2021		Time: 1:00 to 2:00 Noon) Topic Problem identification and formulation.
22-01-2021		Time: (1:00 to 2:00 Noon) Topic Research design and methods.
23-01-2021		Time: (1:00 to 2:00 Noon) Topic Types of Research Problems
24-01-2021		Time: (1:00 to 2:00 Noon) Topic Choosing a Correct Research Problem



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Certificate

This is to certify that Mr / Miss *Smt...B. Aruna.....*
of Gayatri College of Science & Management, Munasabpeta, Srikakulam,
has participated in Five Days **Faculty Development Program** conducted
by *Department of Mathematics* from **20-01-2021 to 24-01-2021.**

K. Keesar
HoD
Department of Mathematics

K. Keesar
IQAC
Coordinator

B. Aruna
Principal
PRINCIPAL
Gayatri College of Science & Management
Munasabpeta-Srikakulam-532401



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Munsabpeta, SRIKAKULAM – 532401

Certificate

This is to certify that Mr / Miss*Sri...ch: Raj.kumar.....*.....
of Gayatri College of Science & Management, Munasabpeta, Srikakulam,
has participated in Five Days Faculty Development Program conducted
by *Department of Mathematics* from 20-01-2021 to 24-01-2021.

K. Sreenivas
HoD
Department of Mathematics

K. Sreenivas
IQAC
Coordinator

K. Sreenivas
Principal
PRINCIPAL
Gayatri College of Science & Management
Munsabpeta-Srikakulam-532 401



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Certificate

This is to certify that Mr / Miss *Smt..B..Roja..Ramani.....*
of Gayatri College of Science & Management, Munasabpeta, Srikakulam,
has participated in Five Days **Faculty Development Program** conducted
by **Department of Mathematics** from **20-01-2021 to 24-01-2021**.

K. Keerthi
HoD

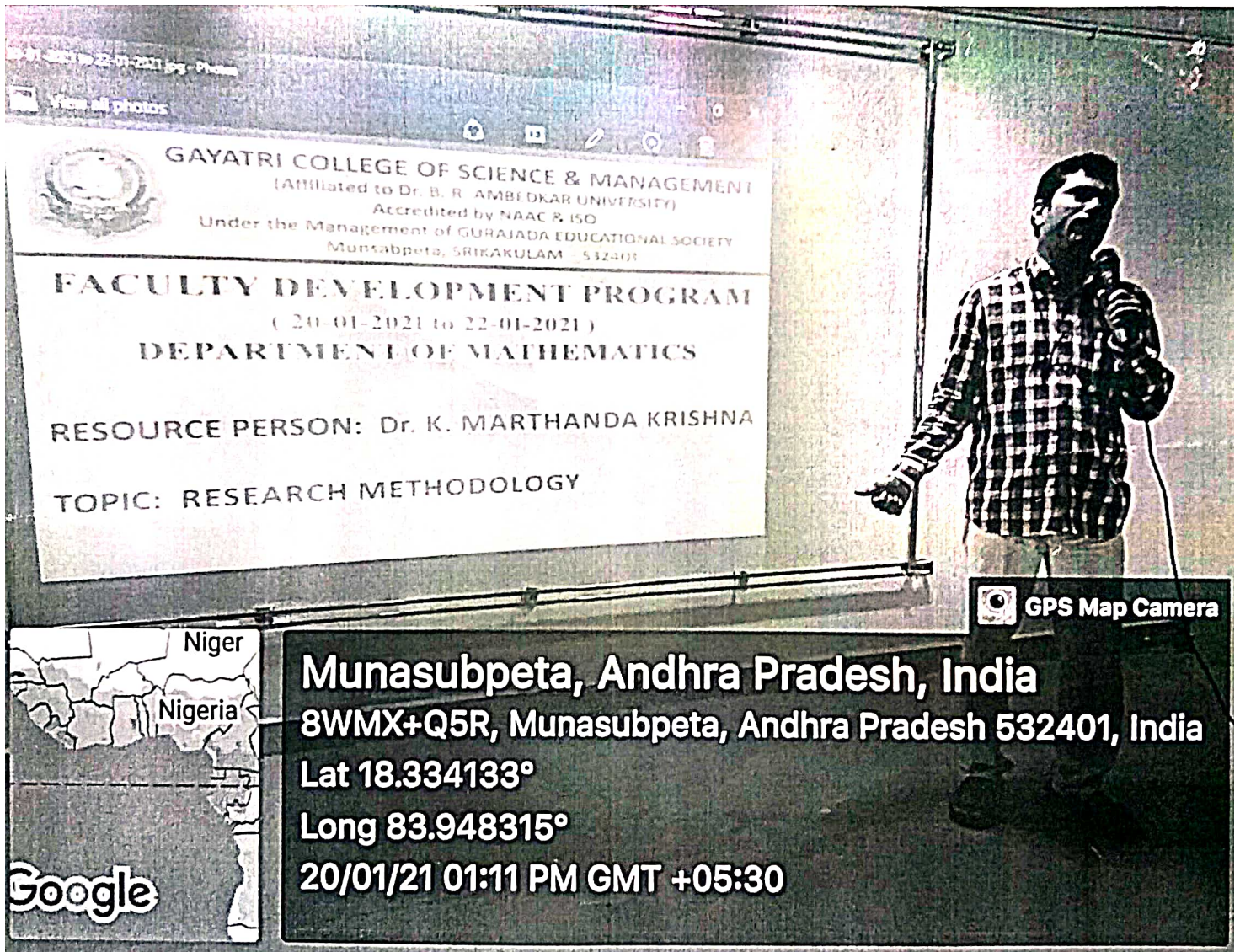
Department of Mathematics

K. Keerthi
IQAC

Coordinator

B. Lakshmi
Principal

PRINCIPAL
Gayatri College of Science & Management
Munasabpeta-Srikakulam-532401



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FACULTY DEVELOPMENT PROGRAM
(20-01-2021 to 22-01-2021)
DEPARTMENT OF MATHEMATICS

RESOURCE PERSON: Dr. K. MARTHANDA KRISHNA

TOPIC: RESEARCH METHODOLOGY

 **GPS Map Camera**

Munasubpeta, Andhra Pradesh, India

8WMX+Q5R, Munasubpeta, Andhra Pradesh 532401, India

Lat 18.334133°

Long 83.948315°

20/01/21 01:11 PM GMT +05:30



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