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Under the Management of Gurajada Eductional Society
Munsabpeta, Srikakulam – 532401

Munsabpeta, Date: 13/07/2019.

CIRCULAR

This is to inform you that Department of Chemistry has planned to conduct the Faculty Development Program in **FLUORIDE ANALYSIS AND IT'S HEALTH CONSEQUNCES** for 6 Days i.e., scheduled from 15/07/2019 to 20/07/2019. This is useful to enrich your knowledge in Chemistry. In this connection, all the faculty are requested to attend the programme.

Resource Person:

Smt. P. SARDA RANI

Lecturer in Chemistry

Timings

12.30 P.M to 01.30 P.M

Venue

Seminar Hall

Head of The Department of Chemistry

Gayatri Conege of Science & Managemen Mulhasatipe ซพริเผลเผนอาก 532 401



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

Name of the Programme: Fluoride Analysis and Pl's Health Consequences

2019 Date:

Department: Chemistry

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S. maheshisabu Programme Coordinator



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

Name of the Programme: Fluoride Analysis and It's Heath consquences

Date:

2019

Department: Chemistry

S.No	Name Of The Staff	Designation	College Name	15/07	16/131	17/07	18/07	19/07	20/07
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S. mahesh babu Programme Coordinator

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Munsabpeta, Srikakulam – 532401

Date: 24-07-2019

PROGRAMME REPORT

Name of the programme

: A One Week Faculty Development Programme on

"Fluoride Analysis And It's Health Consequences"

Dates

: 15-07-2019 to 20-07-2019

Details of Resource Person:

Name

: Smt. P. SARDA RANI

Designation

: Leturer in Chemistry

Organization

: Gayatri College for P.G Courses

Mobile No

: 7995034307

Email id

: sardaranipudi@gmail.com

Objective of the Programme:

Fluoride can lead to a bone disease known as skeletal fluorosis. Over many years, this can result in pain and damage to bones and joints. The bones may become hardened and less elastic, increasing the risk of fractures. If someone is exposed to levels higher than this for a long time, it can cause a condition called skeletal fluorosis, in which fluoride builds up in the bones. This can eventually result in joint stiffness and pain, and can also lead to weak bones or fractures in older adults. The sole purpose of fluoride is to strengthen the enamel of the teeth, which should prevent cavities and tooth loss. This assumption has been called into question over time. In fact, many studies have shown that fluoride may cause a cosmetically damaging effect called fluorosis.

Topics covered:

- Stannous fluoride. ...
- Sodium fluoride. ...
- Sodium mono fluorophosphate.
- Burning the tissues
- Impeding nerve function
- Cellular poisoning

Outcome of the Programme:

Fluoride is often called nature's cavity fighter and for good reason. Fluoride, a naturally-occurring mineral, helps prevent cavities in children and adults by making the outer surface of your teeth (enamel) more resistant to the acid attacks that cause tooth decay. The only benefit that you'll gain is a fresher mouth with the natural toothpaste, but you will not receive any benefit against tooth decay if it doesn't have fluoride within it. It's been an essential oral health treatment for decades. Fluoride supports healthy tooth enamel and fights the bacteria that harm teeth and gums. Tooth enamel is the outer protective layer of each tooth. Fluoride is especially helpful if you're at high risk of developing dental caries, or cavities.

No. of Participants:

29

Coordinator (S-mather HOADE)

hon

Objective of the Programme:-

* Fluoride effect in human health

Resource Person: Smt. P.SARDA RANI

sardaranipudi@gmail.com, Mobile No : 7995034307, Gayatri College for P.G Courses

REGISTRATION FORM

Name:
Designation:
Institution:
Address for Communication:
Mobile:
Email:
Last date to Registration:

13th July, 2019

Program Committee:

PRINCIPAL

Dr. P.Srinivasarao

Principal

Gayatri College of Science & Management

CONVENOR

Sri. S. MAHESH BABU

Lecturer, Dept. of Chemistry

Gayatri College of Science & Management

COORDINATOR

Sri. S. MAHESH BABU

Lecturer, Dept. of Chemistry
Gayatri College of Science & Management

Address for Communication:-

Sri. S. MAHESH BABU

Coordinator

Gayatri College of Science & Management Munasabupeta, Srikakulam

maheshbabuchemistry@gmail.com, Mobile No: 9885522568



GAYATRI COLLEGE OF SCIENCE & MANAGEMENT

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

A FACULTY
DEVELOPMENT PROGRAM
ON

Fluoride Analysis
And
It's Health Consequeces

Dates

15.07.2019 to 20.07.2019

Organized by

Department of Chemistry

Venue

Seminar Half

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 Chemistry 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 chemistry 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 9 faculty members are working in the department with highly qualified and experienced.

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

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

About the Progeam:-

* Sources, effects and control of the fluoride

Topics Covered:-

- * Sources of Fluoride
- * effect of fluoride
- * Fluoride in drinking water causes





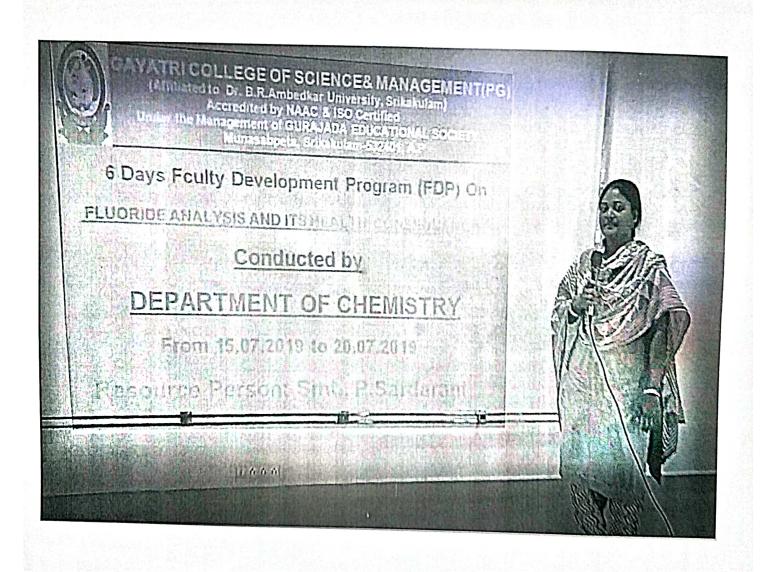
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Under the Management of GURAJADA EDUCATIONAL SOCIETY
Munasabpeta, SRIKAKULAM-532401, A.P.

Certificate of Participation

This is to certify that Dr./ Mr./Mrs./Ms. T. PRASHANTI has participated in "A FDP On Fluoride Analysis And It'S Health Consequences" organized by department of Chemistry, from 15.07.2019 to 20.07.2019 held at Gayatri College of Science & Management, Munasabpeta, Srikakulam-532401, A.P.

Program Coordinator

Principal
PRINCIPAL
CavatriCall-ge of Science & Management



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 – 532 401.

Circular(Staff)

Date: 14-08-2019

All the Staff members are requested to attend 5 days FDP, that will be conducted by the Department of Mathematics from 17/08/2019 to 21/08/2019 at the seminar hall by 1:00pm.

Resource Person: Ch. Raj Kumar

: Mathematics and its applications in Science and Technology.

Research Venue: Seminar Hall.

H. O. D.

Mathematics

F Livet

Gayatri College at Science & Management Munasahpeta-Srikakulam-532-401



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Under the Management of Gurajada Educational Society
Munasabpeta, Srikakulam - 532401

Name of the Programme: Mathematics and its applications in science and Technology

Date: 17/08/2019 to 21/08/2019

Department: Yathernatics
17/08/2019 to 21/08/2019

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Programme Coordinator



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Name of the Programme: Mathematics and its applications in Science Date: 17/08/2019 to and rechnology Department: Mathematica

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Programme Coordinator

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Under the Management of GURAJADA EDUCATIONAL SOCIETY

Munasabpeta, SRIKAKULAM – 532 401

Munasabpeta, Date: 19-08-2019.

PROGRAM REPORT

Name of the Resource Person: Ch. Raj Kumar

Topic: Mathematics and its applications in Science and Technology.

OBJECTIVES:

- 1. Able to use powerful approaches to learn very complex non parametric models of the data.
- 2. Understand the concepts of cylindrical and spherical coordinates.
- 3. Understand various constructions of graphs for a given commutative ring.

TOPICS COVERED:

- 1. Applications of statistics in machine learning.
- 2. Curvilinear coordinates and their applications.
- 3. Generalized zero divisor graphs from commutative rings.
- 4. Mat Lab Programming
- 5. Engineering Mathematics

OUTCOMES:

- 1. Able to use hybrid approaches on real world problems.
- 2. Acquire knowledge on curvilinear geometrically.
- 3. Analyze an approach on classification of graphs.
- 4. Understand various graph parameters like diameter, radius, planarity, completeness property.

Number of participants: 33

CONVENOR



INVITATION

MATHEMATICS IN REAL, APPLIED, COMPUTATIONAL LEARNING ENVIRONMENT

DEPARTMENT OF MATHEMATICS AND IQAC

GAYATRI COLLEGE OF SCIENCE & MANAGEMENT

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Munasabpeta, SRIKAKULAM – 532 401.

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. B. ARUNA Lecturer, Dept. of Maths

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	LECTURE SCHE	DULE
17-08-2019	v	Time: (1:00 to 2:00 Noon) Topic Applications of statistics in machine learning.
18-08-2019		Time: (1:00 to 2:00 Noon) Topic Curvilinear coordinates and their applications.
19-08-2019	Ch. Raj Kumar Lecturer in Mathematical Science	Time: (1:00 to 2:00 Noon) Topic Generalised zero divisor graphs from commutative rings.
20-08-2019		Time: (1:00 to 2:00 Noon) Topic Mat Lab Programming
21-08-2019		Time: (1:00 to 2:00 Noon) Topic Engineering Mathematics



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Munsabpeta, SRIKAKULAM – 532401

Certificate

This is to certify that Mr / MissSvi...K:.Manhauda...Krishna..... of Gayatri College of Science & Management, Munasabpeta, Srikakulam, has participated in Five Days Faculty Development Program conducted by Department of Mathematics from 17-08-2019 to 20-08-2019.

HoD

Department of Mathematics

₩ IQAC
Coordinator

Princippe L

Gayatri College of Science & Management
Munacahoeta-Srikakulam-532 401



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Munsabpeta, SRIKAKULAM – 532401

Certificate

HoD

Department of Mathematics

VILLON— IQAC Coordinator

Principal
PRINCIPAL
Gayalii College of Science & Management
Hamasappeta - Srikakulam - 532 401



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Munsabpeta, SRIKAKULAM – 532401

Certificate

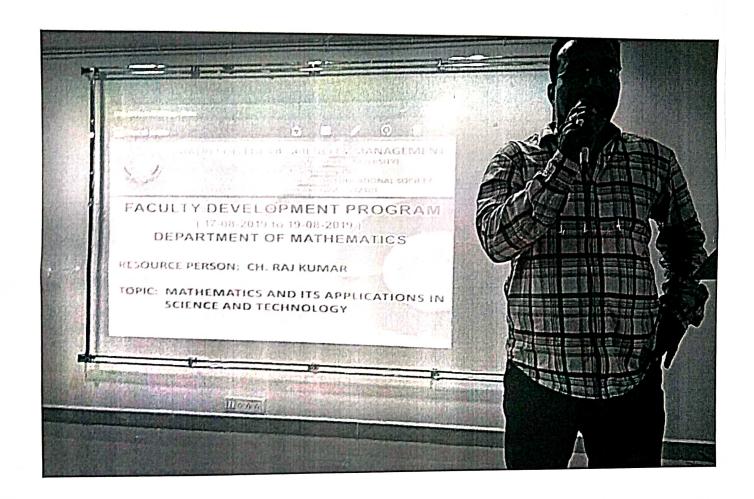
This is to certify that Mr / MissSmt...B. Revathi.........
of Gayatri College of Science & Management, Munasabpeta, Srikakulam,
has participated in Five Days Faculty Development Program conducted
by Department of Mathematics from 17-08-2019 to 20-08-2019.

HoD

Department of Mathematics

IQAC Coordinator

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



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Munasabpeta, Date: 17.08.2019

CIRCULAR

This is to inform you that Department of Physics has planned to conduct the Faculty Development program in **SUPER CONDUCTIVITY** for 5 days i.e., scheduled from 19.08.2019 to 23.08.2019. This is useful to enrich your knowledge in Physics. In this connection, all the Faculty are requested to attend the programme.

Resource Person

: Sri N. Hare Ram

Lecturer in Physics

Gnanajyothi Degree College, Narasannapeta, Srikakulam

Timings

: 1.00 P.M To 2.00 P.M

Venue

: Seminar Hall

Head of the Department of Physics

PPINCIPAL

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



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

Name of the Programme: FDP in Super conductivity

Date: 19-08-2019 To 23-08-2019

Department: Physics

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Programme Coordinator

(Affiliated to Dr.B.R Ambedkar University) Accredited by NAAC & ISO

Under the management of Gurajada Eductional Society Munsabpeta, Srikakulam – 532401

Date: 27-08-2019

PROGRAMME REPORT

Name of the programme

: A One Week Faculty Development Programme on

"Super Conductivity"

Dates

: 19-08-2019 to 23-08-2019

Details of Resource Person:

Name

: Sri.N. HARERAM

Designation

: Lecturer

Organization: Gnana Jyothi Degree College

Ph. No

: 8106315590

Mail. Id

: hareramnethinti@gmail.com

Objective of the Programme:

Superconductivity is the property of certain materials to conduct direct current (DC) electricity without energy loss when they are cooled below a critical temperature. These materials also expel magnetic fields as they transition to the superconducting state. Superconductivity is the ability of certain materials to conduct electric current with practically zero resistance. This capacity produces interesting and potentially useful effects. For a material to behave as a superconductor, low temperatures are required.

Topics covered:

- Type I and Type II superconductors
- Meissner Effect
- **BCS Theory**
- AC & DC Josephson Effect

Outcome of the Programme:

Futuristic ideas for the use of superconductors, materials that allow electric current to flow without resistance, are myriad: long-distance, low-voltage electric grids with no transmission loss; fast, magnetically levitated trains; ultra-high-speed supercomputers; superefficient motors and generators; inexhaustible. The biggest application for superconductivity is in producing the large-volume, stable, and highintensity magnetic fields required for MRI and NMR. Superconductors are also used to power railguns and coilguns, cell phone base stations, fast digital circuits and particle detectors. Essentially, any time you need a really strong magnetic field or electric current and don't want your equipment to melt the moment you turn it on, you need a superconductor.

No. of Participants: 20

Objective of the Programme:-

*Understanding super conductivity and its applications

Resource Person: Sri.N. HARERAM

hareramnethinti@gmail.com, Mobile No: 8106315590, Gnana Jyothi Degree College

REGISTRATION FORM

Name:
Designation:
Institution:
Address for Communication:
Mobile:
Email:

Last date to Registration: 18-08-2019

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:-

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GAYATRI COLLEGE OF SCIENCE & MANAGEMENT

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

A FACULTY
DEVELOPMENT PROGRAM
ON

Super Conductivity

Dates

19.08.2019 to 23.08.2019

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 super conductivity and its applications

Topics Covered:-

- * Super conductivity
- * Applications of Super conductivity





(Affiliated to Dr.B.R.Ambedkar University Etcharla, Srikakulam)
Under the Management of GURAJADA EDUCATIONAL SOCIETY
Munasabpeta, SRIKAKULAM-532401, A.P.

CERTIFICATE OF PARTICIPATION

This is to certify that Dr./ Mr./Mrs./Ms. <u>K. Bola Sundara Tab</u> has participated in "A FDP On Super Conductivity" organized by department of Physics, from 19.08.2019 to 23.08.2019 held at Gayatri College of Science & Management, Munasabpeta, Srikakulam-532401, A.P.

Program Coordinator

Principal

