



GOVT. DEGREE COLLEGE FOR MEN, SRIKAKULAM
DEPARTMENT OF CHEMICAL SCIENCES



CERTIFICATE COURSE ON
"CHEMICAL LAB TECHNIQUES" (2020-21)



Classnote
College Special

DEPARTMENT OF CHEMISTRY

MINUTES BOOK

GOVERNMENT DEGREE COLLEGE(M)
SRIKAKULAM

Note Book

Meeting - 2

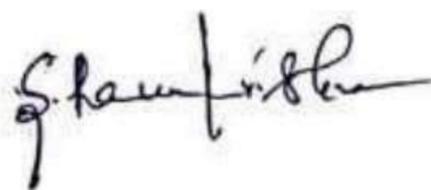
DT: 28-11-2020

The departmental meeting is conducted with all staff members in the department at 4 PM, Sri R. Ramesh Naider, Incharge of the department is in the chair and unanimously resolved the following.

- (i) To continue the certificate course on "CHEMICAL LAB TECHNIQUES" in the dept. of chemistry for the Academic year 2020-21, with the prior permission of the principal.
- (ii) To conduct student study projects on Food Adulteration, Estimation of Iron in Iron tablets, Different drugs and their Therapeutic Use etc.

Members present:

- 1) Sri R. Ramesh Naider
Incharge of the Dept.
- 2) Dr S. Ramakrishna
Lecturer in chemistry
- 3) Sri R. Chandrasekhar
Lecturer in chemistry
- 4) Sri B. Sateesh Kumar
Lecturer in chemistry



5) Sri R. Venkateswara Rao
Lecturer in Industrial Chemistry

6) Sri VS Satyanarayana
Lecturer in I.C.

CR. RAMESH Naidu
Dept Incharge
Lecturer in-charge
Dept. of Chemistry
Govt. Degree & P.G. College (Men)
SRIKAKULAM

GOVERNMENT DEGREE COLLEGE FOR MEN, SRIKAKULAM
DEPARTMENT OF CHEMICAL SCIENCES
CERTIFICATE COURSE ON
“CHEMICAL LAB TECHNIQUES”
2020-21

CIRCULAR

The class (theory/practical) of certificate course on “CHEMICAL LAB TECHNIQUES” will be commenced from 02-12-2020. The students who have interest to join in the certificate course shall give their names to the course coordinator Dr. S. Rama Krishna, on or before 27-11-2020.

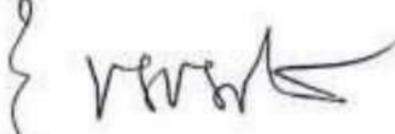
90% of attendance is compulsory for the completion of the course and grade will be awarded to the students based on their performance. The duration of the course is 30 days.



Head of the Department

Lecturer in-charge
Dept. of Chemistry
Govt. Degree & P.G. College (Men)
SRIKAKULAM

II MPC & }
MCIC } 

III BSc CBZ }
BSc } 
USMB }

GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM

DEPARTMENT OF CHEMISTRY

BROCHURE (2020-21)

NAME OF THE CERTIFICATE COURSE: CHEMICAL LAB TECHNIQUES

OBJECTIVES: 1. Enable the students to develop skills in common laboratory techniques.

2.To impart knowledge of the basics of organization and management
of science laboratories

3.To create interest among students to work in various
pharmaceutical
Industries.

SYLLUBUS: 1. The Preparative Techniques

2. Filtration Techniques
3. Distillation and Boiling point Determination
4. Recrystallization and Melting point Determination
5. Chromatography Techniques
6. Conductometric Titrations
7. Potentiometric Titrations
8. P^H meter
9. Spectrophotometer
10. Colorimeter

REFERENCE BOOKS: 1. Instrumental methods of Chemical analysis - BK. SHARMA

2. Principles of Laboratory Techniques and Methods — MEENA
SRIVASTAVA

3. Vogel's Quantitative Chemical Analysis

INSTRUCTIONS TO THE CANDIDATES:

1. Duration of the course - 30 days
2. Course Fee— Nil
3. 90% of attendance is compulsory for the completion of the course
4. Certificates will be issued to the students based on their performance

COURSE COORDINATOR: Dr.S.Ramakrishna
Lecturer in Chemistry



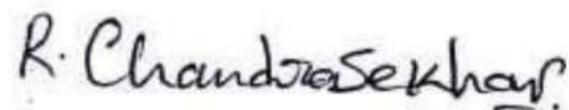
RESOURCE PERSONS: 1. Dr.s. Ramakrishna



2. Sri R.Rameshnaidu



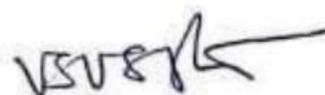
3, Sri R. ChandraShekar



4.Sri R. Venkateswara Rao



5.Sri VSVS Satyanarayana



GOVT. DEGREE COLLEGE FOR MEN, SRIKAKULAM
DEPARTMENT OF CHEMICAL SCIENCES
CERTIFICATE COURSE ON "CHEMICAL LAB TECHNIQUES" – 2020-21
Registration / Enrolment list

S.No	Name of the Student	Group	Signature
1.	J. REVATHI PATHI	III B.Sc.(MPC)	J. Revathi Pathi
2.	N. TIRUPATHI	III B.Sc.(MPC)	N. Tirupathi
3.	S. KOTESWARA RAO	III B.Sc.(MPC)	S. Koteswara Rao
4.	V. NAGA RAJU	III B.Sc.(MPC)	V. Naga Raju
5.	B. JANI	III B.Sc.(BZC)	B. Jani
6.	J. SANKAR	III B.Sc. (MClc)	J. Sankar
7.	P. PAVAN KUMAR	III B.Sc. (MClc)	P. Pavan Kumar
8.	P. MURALI	III B.Sc. (MClc)	P. Murali
9.	S. SIVA	III B.Sc. (MClc)	S. Siva
10.	A. YAMINI KRISHNA	III B.Sc.(BZC)	A. Yamini Krishna
11.	M. AKHILA	III B.Sc.(BZC)	M. Akhila
12.	P. PAVANI	III B.Sc.(BZC)	P. Pavani
13.	S. NAGAMANI	III B.Sc.(BZC)	S. Nagamani
14.	V. DHANA LAXMI	III B.Sc.(BZC)	V. Dhana Lakshmi
15.	L. SWETHA	III B.Sc.(BZC)	L. Swetha
16.	B. JAGADEESWARA RAO	III B.Sc. (CBMb)	B. Jagadeeswara Rao
17.	J. SAI CHARISHMA	III B.Sc. (CBMb)	J. Sai Charishma
18.	K. SATEESH	III B.Sc. (CBMb)	K. Sateesh
19.	M. USHA	III B.Sc. (CBMb)	M. Usha
20.	N. SANGAVI	III B.Sc. (CBMb)	N. Sangavi
21.	P. SOMASEKHAR	III B.Sc. (CBMb)	P. Somasekhara
22.	P. TARUN	III B.Sc. (CBMb)	P. Tarun
23.	A. JYOTHI PRASANNA	III B.Sc (BtZC)	A. Jyothi prasanna

Certificate course on "Chemical Lab Techniques" - [2020-21]

Pupils Attendance Register		ఫిలాల హాజరుపట్టి	
Sl. No.	Name	Roll No.	Section
1	J. Kesava Prasad	MPC	
2	N. Tirumala	MPC	
3	S. Kateswara Rao	MPC	
4	V. Naga Raju	MPC	
5	B. Jani	CAZ	
6	J. Sankar	HCX	
7	P. Pavan Kumar	HCX	
8	P. Murali	HCX	
9	S. Siva	MCIC	
10	A. Yamini Krishna	CAZ	
11	M. Akhila	CAZ	
12	P. Pavani	CAZ	
13	S. Nagamani	CAZ	
14	V. Dhana Lakshmi	CAZ	
15	L. Swetha	CAZ	
16	B. Jagadeeswar Rao	CRMB	
17	J. Sai chandrika	"	
18	K. Sateesh	"	
19	M. Usha	"	
20	N. Sangavi	"	
21	P. Somabekkar	"	
22	P. Tarun	"	
23	A. Jyothsna	STAR	



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Govt. Degree College (Men), Srikakulam
Dept. of Chemical Sciences
Certificate course on "Chemical Lab Techniques"

Question paper

Max Marks: 50 M

1. Determine the concentration of HCl solution by Conductometric titrations 30M
Concentration of NaOH given.
2. Determine the melting point of Urea 10 M
3. Viva-Voce 10 M

GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM

DEPARTMENT OF CHEMICAL SCIENCES

FEEDBACK FORM (2020-21)

CERTIFICATE COURSE ON

(Chemical Lab. Techniques)

1. Name of the Student : S. Koteswara Rao
2. Class : III MPC
3. Did the Course fulfil its objectives : yes
4. Were the concepts explained in
The course : yes
5. How useful the course for you : I understood about the
chromatography techniques
6. Overall Rating of the course : Good
7. Suggestion if any : Better to learn more
parameters to be analysed
8. Signature of the Student : S. Koteswara Rao

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GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM

DEPARTMENT OF CHEMICAL SCIENCES

FEEDBACK FORM (2020-21)

CERTIFICATE COURSE ON
(CHEMICAL LAB TECHNIQUES)

1. Name of the Student : P. Somashekhar
2. Class : IIIrd CBZMB
3. Did the Course fulfil its objectives : YES
4. Were the concepts explained in
The course : YES
5. How useful the course for you : I understood about
the chromatography tech-
-niques
6. Overall Rating of the course : good
7. Suggestion if any : Better to learn
more parameters to
be analysed.
8. Signature of the Student : P. Somashekhar

GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM
DEPARTMENT OF CHEMICAL SCIENCES

FEEDBACK FORM

CERTIFICATE COURSE ON (2020-21)

~~MINING WATER~~

Chemical Lab Techniques

1. Name of the Student : N. Tirupathi
2. Class : III rd m.p.c
3. Did the Course fulfil its objectives : Yes
4. Were the concepts explained in
The course : Yes
5. How useful the course for you : I understood about Filtration
Techniques
6. Overall Rating of the course : Very good
7. Suggestion if any : Better to learn more
parameters to be
analysed.
8. Signature of the Student : N. Tirupathi

GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM

DEPARTMENT OF CHEMICAL SCIENCES

FEEDBACK FORM (2020-21)

CERTIFICATE COURSE ON

(~~SINKING WATER ANALYSIS~~)

chemical Lab Techniques

1. Name of the Student : P. Tharun
2. Class : IIIrd CBMB.
3. Did the Course fulfil its objectives : Yes
4. Were the concepts explained in
The course : Yes
5. How useful the course for you : I understand about fulltime
Techniques
6. Overall Rating of the course : very good
7. Suggestion if any : Better to learn more
Parameters to be
analysed
8. Signature of the Student : P. Tharun.

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*This is to certify that Mr. / Kum. **A. YAMINI KRISHNA** of III B.Sc (BZC) got registered himself/herself for the Certificate Course on **“CHEMICAL LAB TECHNIQUES”** organized by the Department of Chemical Sciences and completed the course during the period from Dec -2020 TO Jan -2021(for 30 days). His/ Her performance is credited with **‘A’** Grade.*

Head of the Department

Principal

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