

NAGARJUNA GOVT DEREE COLLEGE

(AUTONOMOUS)

NALGONDA



**CERTIFICATE COURSE ON “ESSENTIAL LOGICAL
REASONING” TO UNDERGRADUATE STUDENTS**

(FROM 08-02-2021 TO 27-02-2021)

2020-21

DEPARTMENT OF PHYSICS

DEPARTMENT OF PHYSICS

NAGARJUNA GOVERNMENT DEGREE COLLEGE(A), NALGONDA.

DEPARTMENT OF PHYSICS

TO

Date: 29th Jan 2021

The Principal,
NG College,
Nalgonda.

Respected Sir,

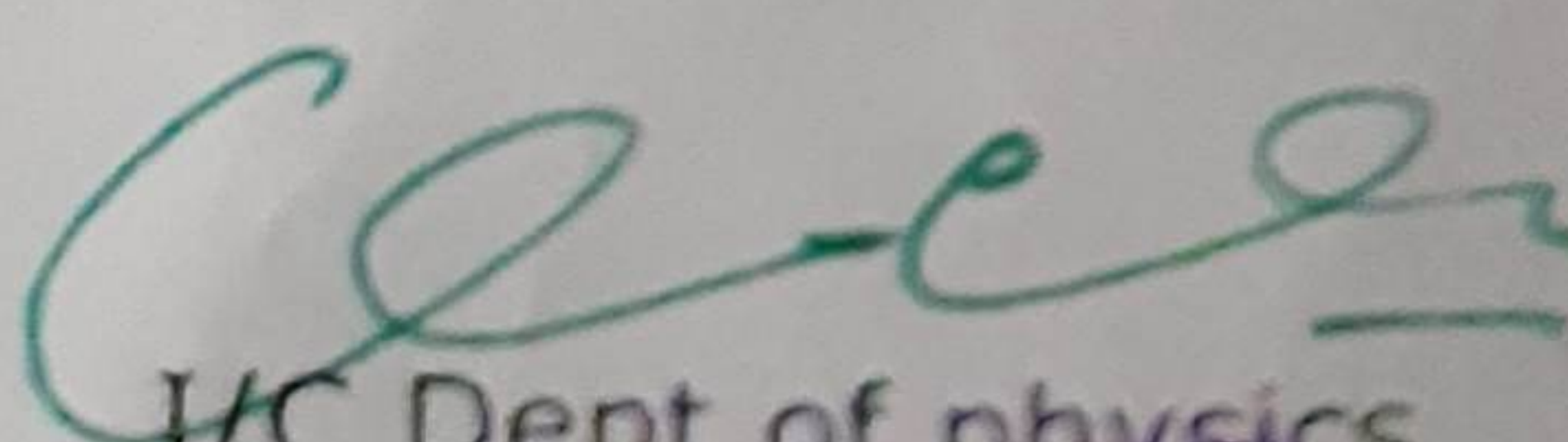
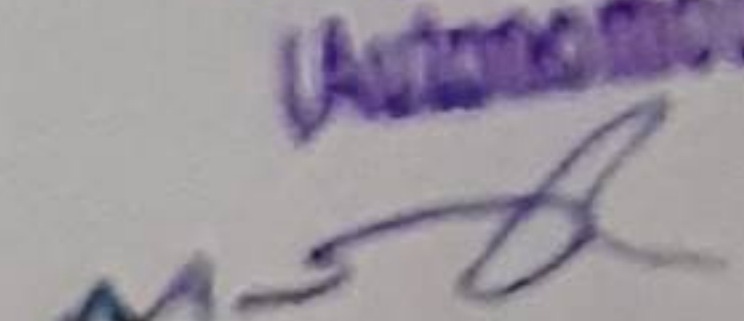
Sub: Dept. of physics- certificate course on "Essential Logical Reasoning for Undergraduate students"-seeking permission-reg..

With regards to the subject cited above M.Naveen, Assistant Professor of this department come up with a proposal to start certificate course on "Essential Logical Reasoning for Undergraduate students". I am here with forwarding the proposal consisting of syllabus and Learning outcomes targeted for this course. This course is for 15 days and 30 Teaching hours and imparts essential reasoning skills to the students

Hence I am requesting you to accord permission to start the said course in this academic year.

Thanking you sir.

Yours faithfully,

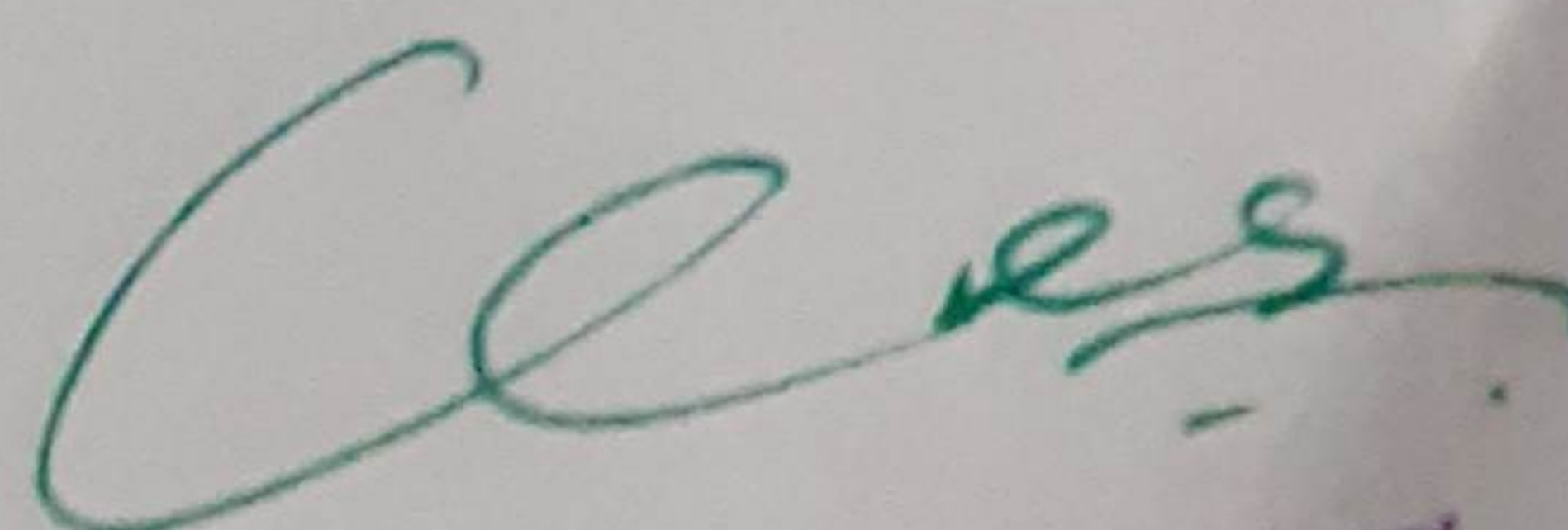


I/C Dept of physics
Head of the Physics Department
Nagarjuna Government College
(Autonomous), Nalgonda (A.P.)


DEPARTMENT OF PHYSICS

CERTIFICATE COURSE ON "ESSENTIAL LOGICAL REASONING" TO UNDERGRADUATE STUDENTS

Curriculum of the course

S.No.	Name of the TOPIC	Days	Teaching Hours
1	Calendar related Reasoning	1	2 Hours
2	Clock related Reasoning	2	4 Hours
3	Blood Relations related Reasoning	1	2 Hours
4	Counting Diagrams	2	4 Hours
5	Sitting arrangement	1	2 Hours
6	Dice	2	4 Hours
7	Statement and Concluding	2	4 Hours
8	Directions	1	2 Hours
9	Mathematic Operations	1	2 Hours
10	Data Analysis	2	4 Hours
Total		15days	30 hours


Head of the Physics Department,
Nagarjuna Government College
(Autonomous), Nalgonda (A.P.)


COURSE OVERVIEW :

The aim of planning this course is Logical Reasoning skills are essential for any graduate as it is part of any recruitment process whether it is Public or Private sector. Logical reasoning related problem solving increases one's Concentration as well as ability to think in multi dimension, which is helpful in leading a quality Life. Problem solving, Critical thinking and decision making improves with these skills. The topics and duration of the program selected in these dimensions and also planned according to active engagement of the learners.

COURSE OBJECTIVES:

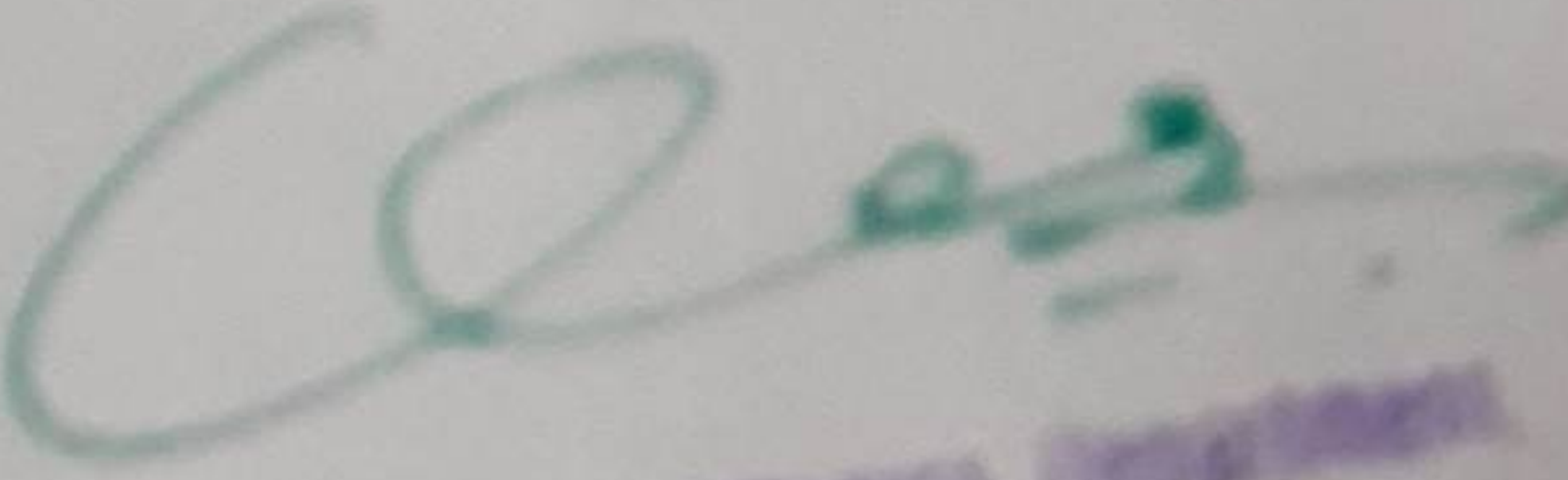
While participating in this course the learner will be able to

- Understand the logic behind different topics like clocks, calendar, dice....
- Understand the set of rules in performing mathematical operations
- Apply these logics in day to day life
- Enjoy the Brainstorming sessions, thereby increases the ability to think in multi dimensions.

LEARNING OUTCOMES :

After Successful Completion of this Certificate Course The learner will be able to

- say the day for any date given and understands calendar related logic.
- Solve clock related, counting diagram related problems .
- Understand blood relation related logic.
- Understand different possibilities of sitting arrangement and Dice related logics.
- Give conclusion for a set of statements.
- Interpret and analyse the data given in different forms like paragraphs, charts and tables.

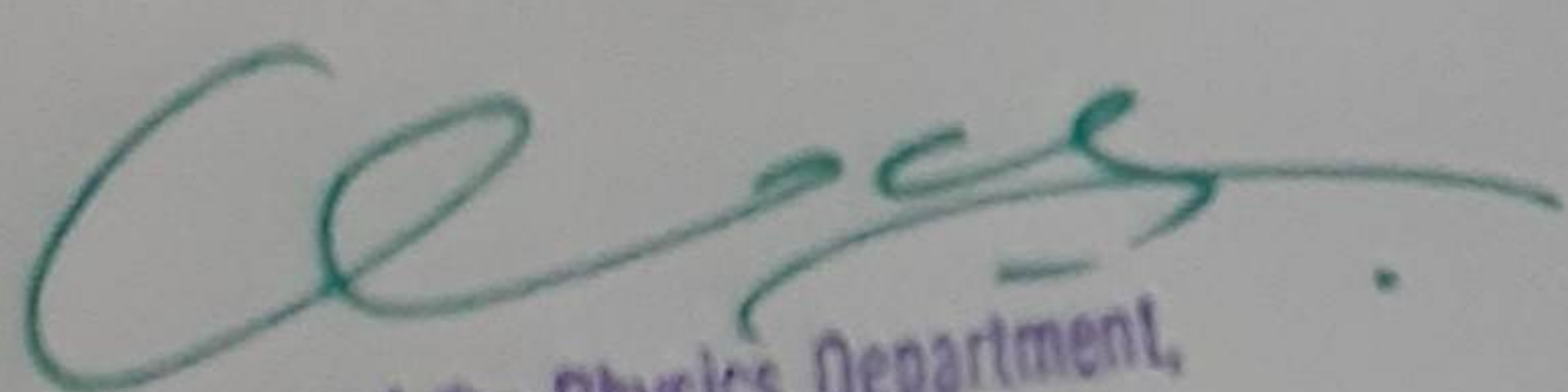

Head of the Physics Department,
Nagarjuna Government College
(Adilabad), Nagapada (A.P.)
A. N. S.

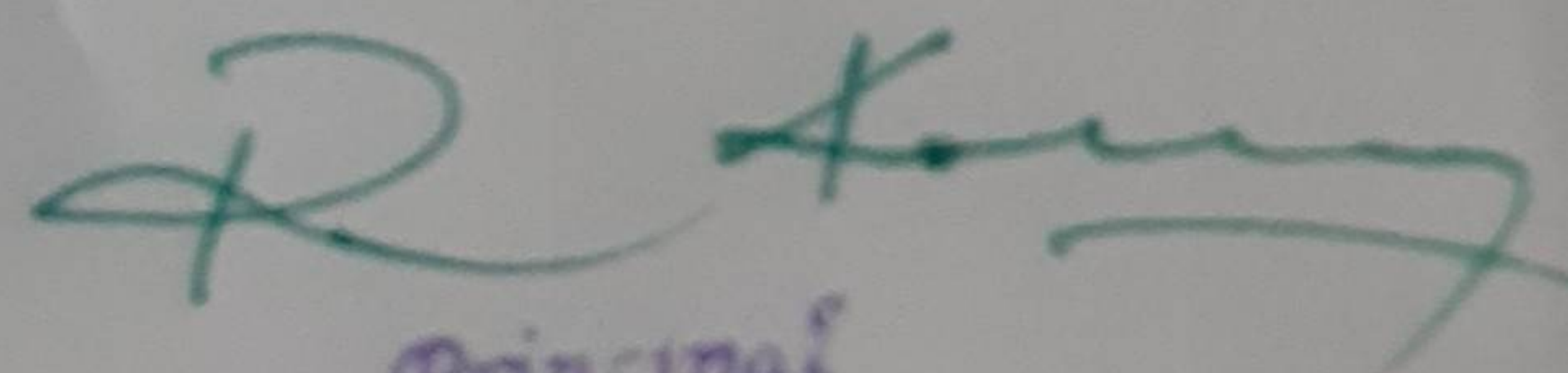
NOTICE :

3rd February 2021

All the Students are hereby informed that the Department of Physics going to start a Certificate Course on "Essential Logical Reasoning to Undergraduate students" from 8th to 27th of February 2021. This Course aims to impart Logical Reasoning skills which are very much essential in preparing for competitive exams and also uplifts your confidence levels. It consists of 30 teaching Hours in a period of 15 working days without overlapping with your academic schedule. Detailed schedule will be shared with the selected students.

Interested students are instructed to enroll your name for the course at M.Naveen, Assistant Professor of Physics by 5th February 2021. If the enrolled students are more than 60 those who enrolled first will be shortlisted.

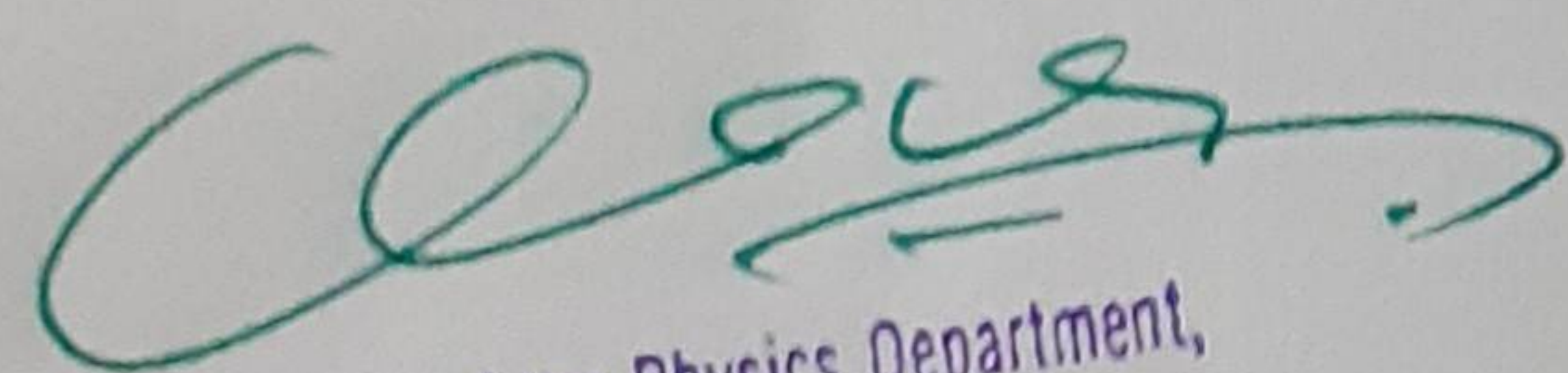

Head of the Physics Department,
Nagariya Government College
(Autonomous), Nalgonda. (A.P.)
Department of Physics


Principal
PRINCIPAL
Nagariya Government College
(Autonomous) NALGONDA

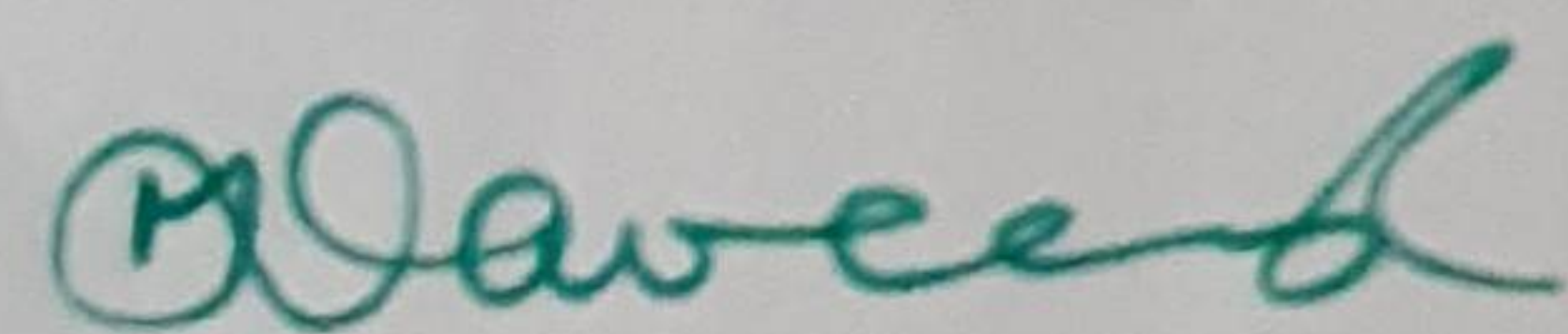
LIST OF STUDENTS ENROLLED :

S.No.	Name of the student	Class	Roll Number	Signature
1	A. Vaishnavi	MPC-E/M ^{III}	18044028441004	Vaishnavi
2	Arshya Jabeen	"	007	Jabeen
3	B. Sony	"	011	Jabeen
4	B. Rambabu	"	012	Sony
5	B. Pragathi	"	014	pragathi
6	Ch. Manvitha	"	023	manvitha
7	Ch. Vikram	"	026	Vikram
8	Ch. Rajeshwari	"	028	Rajeshwari
9	Ch. Madhavi	"	029	Rajeshwari
10	D. Anushe	"	031	Anushe
11	E. Sridulka	"	035	Sridulka
12	G. Pavani	"	037	G. pavani
13	G. Renu Sri	"	038	Renu Sri
14	G. Satish	"	043	G. Renu Sri Satish
15	Jani Begam	"	046	Jani Begam
16	K. Aravind	"	050	Aravind
17	K. Divya	"	054	Divya
18	K. Srinu	"	056	Srinu
19	M. Sai Reddy	"	060	Srinu
20	M. Divya	"	062	Divya
21	M. Naresh	"	064	Naresh
22	M. Likitha	"	066	M. Likitha
23	N. Naveen	"	071	Naveen
24	N. Shashikala	"	072	Shashikala
25	P. Vinay	"	075	Vinay
26	P. Nithin babu	"	081	P. Nithin babu
27	P. Mahesh	"	083	Mahesh
28	R. Madhu	"	089	Madhu
29	R. Shivaraju	"	091	Shivaraju
30	SK. Nagulmees	"	095	Shivaraju
31	S. Sridhar	"	101	Sridhar
32	U. Akhila	"	107	U. Akhila
33	Y. Nagaraju	"	114	Nagaraju
34	Y. Malleshwari	"	115	Malleshwari

35	md. Sulthan	MPG-II	18044028442040	S. Sulfhan
36	M. Pavan	"	041	M. Pavan
37	R. Shivaji	"	050	Shivaji
38	A. Shashank Reddy	MPCS-III	18044028468006	A. Shashank Reddy
39	B. Balamalleswari	"	017	Balamalleswari
40	B. Revathi	"	022	Revathi
41	D. Keerthana	"	031	Keerthana
42	G. Manisha	"	036	Manisha
43	G. Pranaya	"	045	G. Pranaya
44	K. Praveen Kumar	"	050	Praveen
45	K. Udaykiran	"	053	Udaykiran
46	K. Srikanth	"	056	K. Srikanth
47	K. Madhu	"	060	K. Madhu
48	K. Saritha	"	063	Saritha
49	K. Shiva	"	066	Shiva
50	M. Naveen	"	068	M. Naveen
51	M. Rajesh	"	071	Rajesh
52	N. Vani	"	077	N. Vani
53	N. Prasanna	"	080	Prasanna
55	N. Ashwini	"	084	Ashwini
56	R. Deepika	"	095	Deepika
57	T. Shirisha	"	104	Shirisha
58	V. Shivadeela	"	107	Shivadeela
59	V. Kavitha	"	109	N. Kavitha
60	V. Sowmya	"	113	Sowmya



Head of the Physics Department,
Nagarjuna Government College
(Autonomous), Nalgonda (A.P.)


(M. Naveen
Asst. Prof. of physics)

**Attendance of the students attended for Certificate Course on
"Essential reasoning skills for Undergraduate Students"**

S. N o.	Roll Number	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th
1	1804602844606	A. Vaishnavi	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
2	007	Arshya Jabeen	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
3	011	B. Sony	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
4	012	B. Rambabu	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P
5	014	B. Pragathi	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P
6	023	Ch. Manvitha	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
7	026	Ch. Vikram	P	P	P	P	P	P	P	P	A	A	P	P	P	P	A
8	028	Ch. Rajeshwari	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P
9	029	Ch. Madhavi	P	P	P	P	P	P	P	P	P	P	P	A	A	P	P
10	031	D. Anusha	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
11	035	E. Saidulu	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
12	037	G. Pavani	A	P	P	P	P	A	P	P	P	P	P	P	P	P	P
13	038	G. Renu Sri	P	P	A	P	P	P	P	P	A	A	P	P	P	A	P
14	043	G. Sadish	P	P	A	P	P	P	P	A	P	P	P	P	P	P	P
15	046	Jani Begam	P	P	P	P	A	P	P	P	P	P	A	P	P	P	P
16	050	K. Aravind	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	054	K. Divya	A	A	P	A	P	P	P	P	P	P	P	P	P	P	A
18	056	K. Srinu	P	P	P	P	P	P	A	P	A	A	A	P	P	P	P
19	060	M. Sridreddy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	062	M. Divya	P	P	A	P	A	P	P	A	P	P	P	P	A	A	P
21	064	M. Naresh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	066	M. Likitha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	071	N. Naveen	A	P	P	P	P	A	P	P	P	A	A	P	P	P	P
24	072	N. Shashikala	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
25	075	P. Vinay	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
26	081	P. Nitin Babu	P	P	P	A	P	P	P	P	P	P	A	A	P	P	P
27	083	P. Mahesh	P	A	P	P	P	P	P	P	P	P	P	P	A	P	P
28	089	R. Madhu	A	P	P	P	P	P	P	P	A	A	P	P	P	P	P
29	091	R. Shivaraju	P	P	A	P	A	P	P	P	P	P	P	P	P	A	P
30	095	St. Abdulmuneer	P	P	A	P	P	P	P	A	P	P	A	P	P	P	P

S. N o.	Roll Number	Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
31	18064028441101	S. Sr. Akhan	P	P	P	A	P	P	A	P	P	P	P	P	P	P	P
32	107	U. Akhila	A	P	P	P	P	P	P	P	P	A	P	P	P	A	P
33	114	Y. Nagaraju	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
34	115	Y. Mallekuri	P	P	P	P	P	A	P	P	P	P	P	A	P	P	A
35	18064028442060	Mrd. Sulthan	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
36	041	M. Pavan	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
37	050	R. Shivaji	P	P	P	P	A	P	P	P	P	P	P	P	A	P	P
38	180640284468006	A. Sushant Reddy	P	P	A	P	P	P	P	A	P	P	P	P	P	A	P
39	017	B. Balamallath	P	P	A	P	P	P	P	P	P	P	P	P	P	A	P
40	022	B. Revathi	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P
41	031	D. Keerthana	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
42	036	G. Manisha	P	P	P	P	P	P	P	A	P	A	P	P	P	P	P
43	045	G. Pranaya	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
44	050	K. Praveenkumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
45	053	K. Udaykiran	A	P	A	P	P	P	A	P	P	P	P	P	P	P	P
46	056	K. Srikanth	P	P	P	A	A	P	P	P	P	P	A	P	P	P	P
47	060	K. Madhu	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
48	063	K. Saritha	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
49	066	K. Shiva	P	P	P	P	P	P	P	A	P	P	P	P	A	P	P
50	068	M. Naveen	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
51	071	Mr. Rajesh	P	P	P	P	P	P	A	P	P	P	P	A	P	P	P
52	077	XI. Vani	P	A	P	A	P	P	P	P	P	P	P	P	P	P	A
53	080	N. Prasanna	A	P	P	P	A	P	P	A	A	P	P	P	P	P	P
55	084	N. Ashwini	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	095	R. Deepika	P	P	P	P	P	P	A	P	A	P	P	P	P	P	P
57	104	T. Shirisha	P	P	P	P	P	P	P	P	P	P	A	P	P	A	P
58	107	V. Shivalleela	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	109	V. Kavitha	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P
60	113	V. Sowmya	P	P	P	P	P	P	P	A	A	P	P	P	P	P	P

A. Sushant Reddy
 M. Naveen
 Mr. Rajesh
 XI. Vani
 N. Prasanna
 N. Ashwini
 R. Deepika
 T. Shirisha
 V. Shivalleela
 V. Kavitha
 V. Sowmya

Head of the Physics Department,
 Nagarjuna Government College
 (Autonomous), Nalgonda. (A.P.)

CERTIFICATE :



NAGARJUNA GOVERNMENT COLLEGE(A),NALGONDA

DEPARTMENT OF PHYSICS

CERTIFICATE OF APPRECIATION

This is to certify that _____ studying
_____ has participated and successfully finished Certificate course
on "Essential Reasoning Skills for Undergraduate students" conducted by Department
of Physics, Nagarjuna Government College(A),Nalgonda from 8th February 2021 to
27thFebruary 2021.

M.NAVEEN

Course Coordinator

DR. RAHATH KHANAM

PRINCIPAL

Head of the Physics Department,
Nagarjuna Government College
(Autonomous), Nalgonda. (A.P.)