SUM Government Degree College Kondanagula

Nagar Kurnool (Dist)

College Code: 3051

Department Of Physics

Departmental Profile

Brief Introduction

About	Results
Name of the department	Physics
Year of Establish	1985
Number of Teacher sanctioned and present position	1
Number of Technical staff	0
Number of Teacher and students	1/54
Ratio of teachers to students	1:54
Number of books in the departmental library	164

Objectives in Teaching Physics

To impart quality education in physics to students so as they become globally competitive physicist.

To make the students to accept the challenges in physics Effectively disseminate the physics knowledge to coming generations.To create strong interest in physics so as students can further develop themselves through self-study.To create a sense of ethical responsibilities among students.Improve the student's skills (professional, communication, transferable skills).Improve the fundamental concepts and advanced techniques of Physics and scientific methodologyEnhance intellectual, computational, experimental, communication and analytical skills of the studentsProvide the students with the currently modern techniques in Physics Enhance the ability of the students to seek and process data from different sources using library and internetOffering new and advance research programs Improve the post graduate programs offered by the department Enhance the collaboration with other universities and research centers

History

Department of Physics was started along with the College establishment in the year 1985 and in the upcoming years few additional courses and also English Medium branch also introduced. Sharing the details below.

- ✓ B.Sc MPC T/M - 1985
- ✓ B.Sc MPC E/M -2018
- ✓ B.Sc MPCS E/M - 2018

From 2010-2011 Academic Year, This College is Affiliated under Palamuru University.

Vision and Mission

- **Vision**

✓ To provide high quality learning environment in physics, preparing bright undergraduates who can build their career in a balanced way.

- **Mission**

✓ Provide quality science education to students irrespective of their social/financial background.
✓ Ensure that our students are placed at various levels of higher learning by helping them clear national and international qualifying examinations. Also ensure that every student develops scientific aptitude in his/her respective fields.
✓ Continuously modify teaching learning methods which includes upgradation of infrastructure to state-of-the-art facilities

Strengths:

- Faculty members are regular in appointment, well qualified and have significant experience not only in teaching but they are well versed with multi discipline skills.
- Students learning evaluation through online facilities.

Weakness:

- Most of the students are economically and socially poor and unable to attain digital technology facilities.
- There is lack of research laboratories.

Opportunities:

- This Department provides students to pursue their higher education with PG coaching .
- Exchange of knowledge through lectures and MoUs.

Challenges:

- Student's transportation from far villages is constraint them to reach the college in time.
- Difficulty in updating laboratory material with frequently updated syllabus.

Faculty Profile:

Name	R Venkataiah
Fathers Name	R Balaiah
Date of Birth	01-Feb-1974
Address	H.No: 9-73,Bhagath singh Nagar,Kethapally ,Pangal(Mdl),Wanaparthy(Dist)
Designation	Lecturer in Physics
Qualification	M.Sc.,(Ph.d)
Date of First Joining	20-11-2000
Teaching Experience	22 Years
First Joining College	SUM GDC Kondanagula
Present Working College	SUM GDC Kondanagula
Religion	Hindu
Nationality	Indian
Language Known	Telugu and English
Email	Rvenkataiah74@gmail.com
Mobile	7075055878

Academic Qualification

Qualification	Year Of Passing	University	% Of Marks	Grade
M.Sc Physics	1998	SKU	55%	Second Class
B.Sc MPC	1995	OU	67	First Class

CRITERION-I

CURRICULAR ASPECTS

As College is affiliated to Palamuru University, Mahabubnagar. Department of Physics is following Almanac set by university. Choice Based Credit System was introduced in 2016-17 from then onwards Department is teaching the syllabus prescribed by the BOS, Physics, Palamuru University, Mahabubnagar. Again, syllabus was changed for academic year 2019-20. Accordingly, we are offering the following courses in the Department. There are five Discipline Specific Papers for each semester and for the sixth semester three Discipline Elective papers in which choice has been given to students. Six hours has been allotted to each course in a week Five hours for theory and one hour for tutorial. Five credits are earmarked for each course.

Syllabus

Semester	Paper (Theory and Practical)	Instructions Hrs/Week	Marks	Credits
I	Paper-I: Mechanics & Oscillations	4	100	4
	Practical's-I: Mechanics & Oscillations	3	50	1
II	Paper-II: Thermal Physics	4	100	4
	Practical's-II: Thermal Physics	3	50	1
III	Paper-III: Electro Magnetic Theory	4	100	4
	Practical's-III: Electro Magnetic Theory	3	50	1
IV	Paper-IV: Waves & Optics	4	100	4
	Practical's-IV: Waves & Optics	3	50	1
V	Paper-V: A. Modern Physics B. Computational Physics	4	100	4
	Practical's-V: A. Modern Physics B. Computational Physics	3	50	1
VI	Paper-VI: A. Electronics	4	100	4

	B. Applied Optics			
	Practical's-VI: A. Electronics B. Applied Optics	3	50	1

Skill Enhancement Courses

- ✓ Experimental Methods and Error Analysis
- ✓ Electrical Circuits and Networking
- ✓ Basic Instrumentation
- ✓ Bio Medical Instrumentation
- ✓ Digital Electronics

Generic Elective

Renewable Energy Resources

Project Work / Optional (Nano Science)

Curriculum 2019-20

Paper-I (Mechanics and Oscillations)

Unit 1:

Vector Analysis

Unit 2:

Mechanics of Particles

Mechanics of Rigid Bodies

Unit 3:

Central Forces

Special Theory of Relativity

Unit 4:

Oscillations

Paper-II (Thermodynamics)

Unit 1:

Kinetic Theory of Gases

Thermodynamics

Unit 2:

Thermodynamic Potentials-Maxwell Equations

Low Temperature Physics

Unit 3:

Quantum Theory of Radiation

Unit 4:

Statistical Mechanics

Paper-III (Electromagnetism)

Unit 1:

Electrostatics

Unit 2:

Magnetostatics

Unit 3:

Electromagnetic Induction and Electromagnetic Waves

Unit 4:

Varying and Alternating Currents

Network Theorems

Paper-IV (Waves and Optics)

Unit 1:

Waves

Unit 2:

Interference

Unit 3:

Diffraction

Unit 4:

Polarization

Paper-V (Modern Physics)

Unit 1:

Spectroscopy

Unit 2:

Quantum Mechanics

Unit 3:

Nuclear Physics

Unit 4:

Solid State Physics

Paper-VI (Electronics)

Unit 1:

Band Theory of P-N Junction

Diodes

Unit 2:

Bipolar Junction Transistor

Feedback Concept and Oscillator

Unit 3:

Special Devices

Unit 4:

Digital Electronics

SUM GOVT. DEGREE COLLEGE KONDANAGULA, NAGARKURNOOL

DEPT. OF PHYSICS

Course: B. Sc. Physics

PROGRAMME SPECIFIC OUTCOMES: This undergraduate course in Physics Would provide the opportunity to the students:

- To understand the basic laws and explore the fundamental concepts-of physics
- To understand the concepts and significance of the various physical phenomena.
- To carry out experiments to understand the laws and concepts of Physics.
- To apply the theories learnt and the skills acquired to solve real time problems.
- To acquire a wide range of problem-solving skills, both analytical and technical and to apply them.
- To enhance the student's academic abilities, personal qualities and transferable skills this will give them an opportunity to develop as responsible citizens.
- To produce graduates who excel in the competencies and values required for leadership to serve a rapidly evolving global community. To motivate the students to pursue PG courses in reputed institutions This course introduces students to the methods of experimental physics. Emphasis will be given on laboratory techniques specially the importance of accuracy of measurements.
- Providing a hands-on learning experience such as in measuring the basic concepts in properties of matter, heat, optics, electricity and electronics.

Core Papers: SEMESTER-1

DSC1: Mechanics and Oscillations: The students would learn about the behaviour of physical bodies it provides the basic concepts related to the motion of all the objects around us in our daily life. The course builds a foundation of various applied field in science and technology; especially in the field of mechanical engineering. The course comprises of the study vectors, laws of motion. momentum, energy, rotational motion, gravitation, fluids, elasticity and special relativity.

DSCI LAB: Students would perform basic experiments related to mechanics and also get familiar with various measuring instruments would learn the importance of accuracy of measurements.

SEMESTER-2

DSC2: Thermal Physics and Statistical Mechanics: The course makes the students able to understand the basic physics of heat and temperature and their relation with energy, work, radiation and matter. The students also learn how laws of thermodynamics are used in a heat engine to transform heat into work. The course contains the study of laws of thermodynamics, thermodynamic description of systems, thermodynamic potentials, kinetic theory of gases, theory of radiation and statistical mechanics.

DSC2 LAB: Students would gain practical knowledge about heat and radiation. thermodynamics, thermos emf, RTD etc. and perform various experiments.

SEMESTER-3

DSC3: Electricity and Magnetism: It gives an opportunity for the students to learn about one of the fundamental interactions of electricity and magnetism, both as separate phenomena and as a singular electromagnetic force. The course contains vector analysis, electrostatics, magnetism, electromagnetic induction and Maxwell's equations. The course is very useful for the students in almost every branch of science and engineering.

DSC3 LAB: Students would gain practical knowledge about electricity and magnetism and measurements such as: Resistance, Voltage, current etc.

SEMESTER-4

DSC4: Wave and Optics: The course comprises of the study of superposition of harmonic oscillations, waves motion (general), oscillators, sound, wave optics. interference, diffraction, polarization. The course is important for the students to make their career in various branches of science and engineering, especially in the field of photonic engineering.
DSC4 LAB: The practical knowledge of wave motion doing experiments: Tuning fork, electric vibrations. They would also learn optical phenomena such as interference, diffraction and dispersion and do experiments related to optical devices: Prism, grating, spectrometers.

SEMESTER-5

DSC5: Modern Physics: Students would know about the basic principles in the development of modern physics. The topics covered in the course build a basic foundation of undergraduate physics students to study the advance branches: quantum physics, nuclear physics, particle physics and high energy physics. The course contains the study of Planck's hypothesis, photoelectric effect. Compton effect, matter waves, atomic models, Schrodinger wave equations, and brief idea of nuclear physics.

DSC5 LAB-Elements of Modern Physics: In this course students would be able to understand Basic experiments of modern physics such as: Determination of Plank's and Boltzmann's constants, Determination of ionization potential. Wavelength of H-spectrum, Single and double slit diffraction, Photo electric effect and determination of e/m

Solid State Physics: Students would be able to understand various types of crystal structures and symmetries and understand the relationship between the real and reciprocal space and learn the Bragg's X-ray diffraction in crystals. Would also learn about phonons and lattice.

LAB- Solid State Physics: The course Provides practical knowledge of various physical phenomena such as: magnetism, dielectrics, ferroelectrics and semiconductors. Students would gain a hands-on learning experience by performing experiments on these properties of materials.

Quantum Mechanics: Quantum mechanics provides a platform for the physicists to describe the behaviour of matter and energy at atomic and subatomic level. The course plays a fundamental role in explaining how things happen beyond our normal observations. The course includes the study of Schrodinger equations. particle in one dimension potential, quantum theory of H like atoms, atoms/molecules in electric and magnetic fields.

LAB-Quantum Mechanics: Various practical problems solving methods related to Quantum Mechanics would be learned by students.

SEMESTER-6

DSC VI - Electronics: The students would gain the knowledge of Basic Electronics circuits, network theorems and measuring instruments: They would know about common solid-state devices: Semiconductor diodes and transistors. The topics also include the Rectifiers, Filters and their applications, number systems and logic gates which are foundation blocks of digital electronics.

Students would learn about electronic circuits such as Amplifiers and Oscillators. Various types of Amplifier and Oscillator circuits their working and applications in in domestic, industrial and scientific devices/equipment’s.

Dept. of Physics Time Table -2021-22

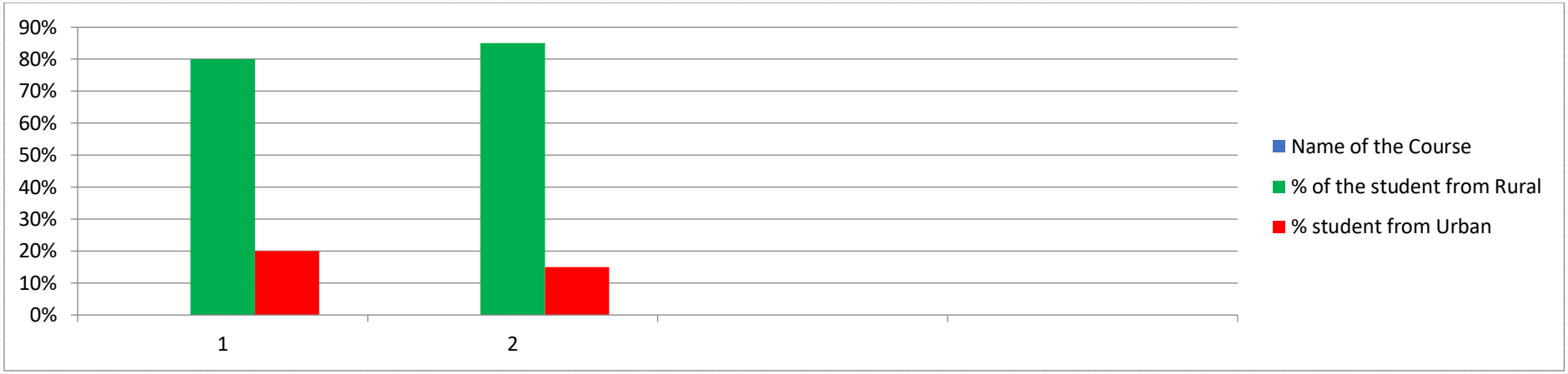
Day	Class year	I period	II period	III period		IV period	V period	IV period
MONDAY	I Yr		Physics		L			
	II Yr			Physics	U			Tutorial
	III Yr						Physics	
TUESDAY	I Yr				N			
	II Yr		Physics					
	III Yr				C		Physics	
WEDNESDAY	I Yr				H			Physics
	II Yr		Physics					
	III Yr						Physics	
THURSDAY	I Yr			Physics		Tutorial		
	II Yr		Physics				Physics	Tutorial
	III Yr		Physics					
FRIDAY	I Yr	Physics						
	II Yr						Tutorial	Physics
	III Yr			Tutorial				
SATURDAY	I Yr						Physics	Tutorial
	II Yr		Physics					
	III Yr			Physics				

Student profile programme /course wise for the AY 2021-22:

Name of the Course (refer question no. 4)	Intake	Number of students Joined	Percentage of joined
B.Sc Physical Science (MPC,MPCS)	60	28	47%

Diversity of Students:

Name of the Course	% of students from rural	% of students from urban
B.Sc(MPC&	**80%**	**20%**
MPCS,)	**85%**	**15%**



Caste Wise Enrolment

S No	Academic Year	OC	BC	SC	ST	Minority	Total
1	2016-2017	1	2	3	0	0	6
2	2017-2018	0	5	3	0	0	8
3	2018-2019	1	8	9	2	0	20
4	2019-2020	1	15	12	1	0	29
5	2020-2021	3	38	17	1	3	62

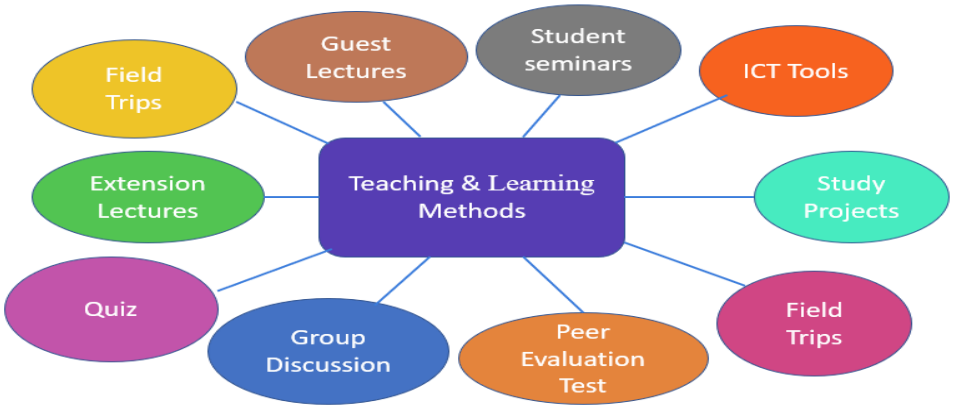
CRITERION II

TEACHING, LEARNING & EVALUATION.

Each faculty member in the Department prepares a teaching plan of the course he/she teaching as prescribed by the university. As per the Almanac of the University, there are 15 weeks or 90 working days in each semester. Teaching plans and semester plans will be in such a way that entire course shall be covered within an available time. Faculty members are recording their taught classes in the teaching diaries supplied for the purpose. Thanks to CAIMS (College Administration Information Management System) Digital Teaching Diary. From 2020-21 Academic year onwards Teaching Diary entries are done online through CAIMS. Department will review coverage of syllabus from time to time and gives instruction accordingly. Faculty members are encouraged to take up student centric activities viz, Quiz, Elocution, Assignments, Student Seminars, Student Study projects, etc. Every faculty member in the department is trained in ICT tools. They are encouraged to use ICT for effective teaching. Evaluation of students is done through university examination for which 80% of weightage is given and 20% of weightage is given to Internal Assessment examination. A student has to score 40% in U.E and 40%(UE+IA), in order to get credits allotted for the course. Average of two internal Assessments will be considered for 20% weightage. Grades will be given according to the following table.

Range of % Marks	Grade	Grade point
90-100	A+	10
80-89	A	9
70-79	B+	8
60-69	B	7
55-59	C+	6
50-54	C	5
40-49	D	4
<40	F	0

Table of Grade System



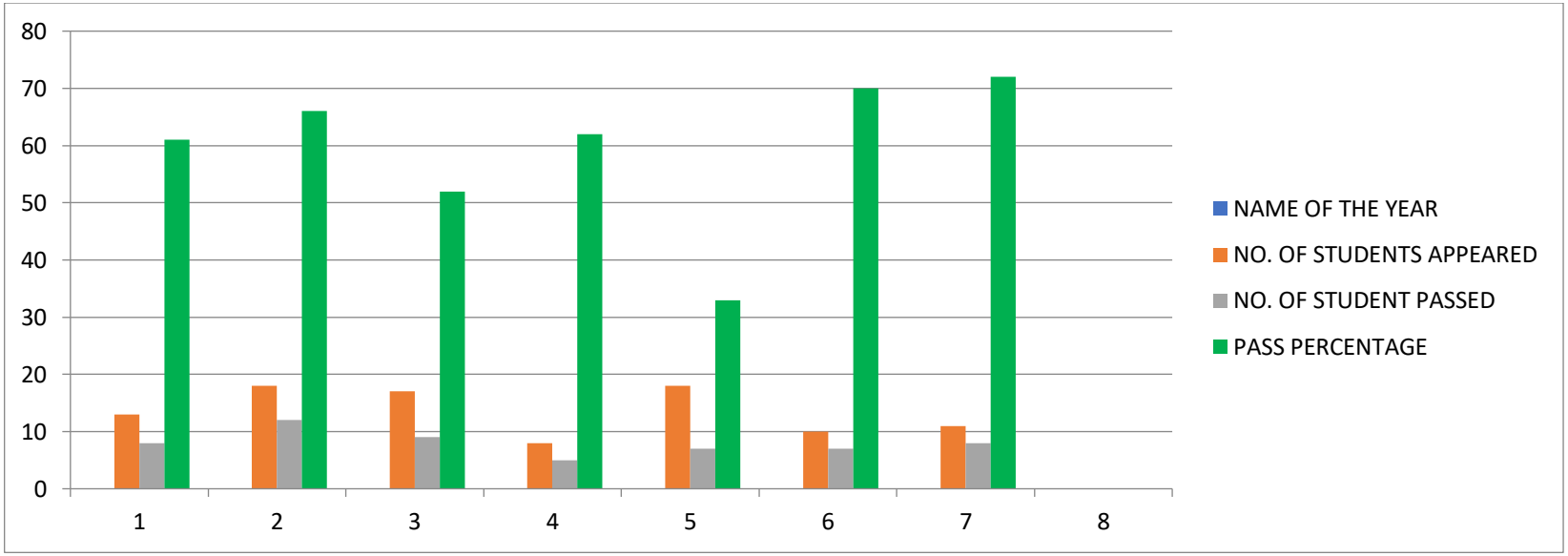
Result Analysis:

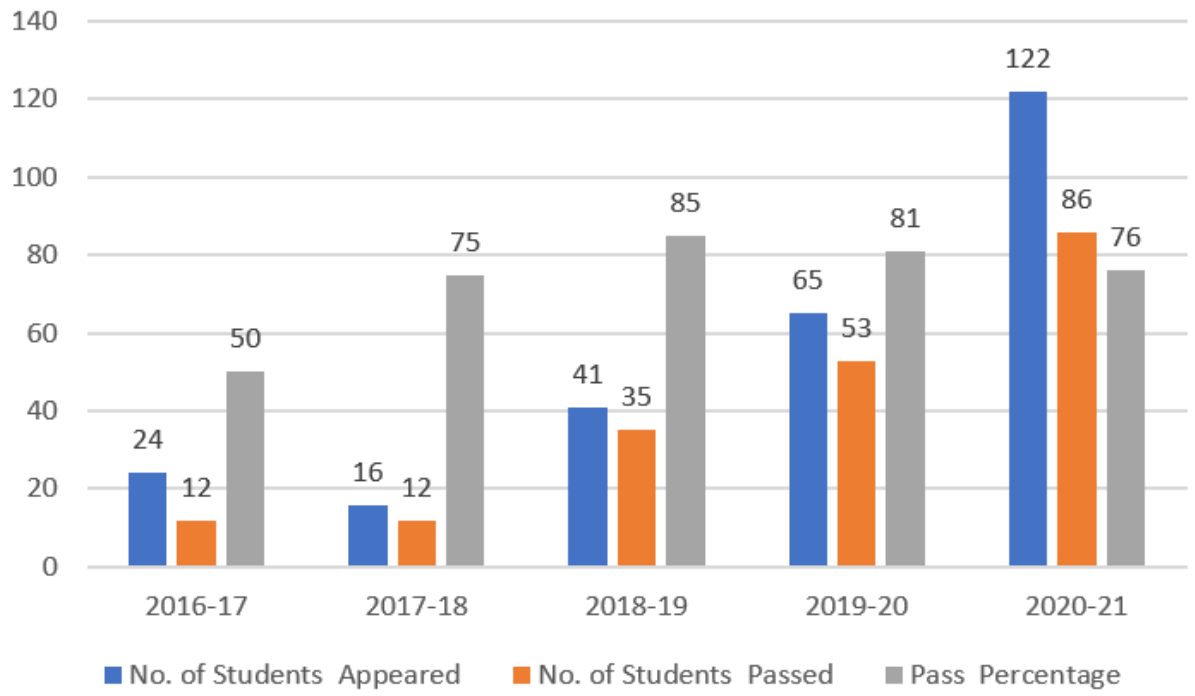
Sharing the result analysis for the recent academic years, this helps the department to understand bring up new ideas to improve the pass percentage in the upcoming academic years and also in conducting the remedial classes for the students who has not cleared the examination.

Result Analysis for the Academic Year 2016-2017

Year Wise Result analysis:

NAME OF THE YEAR	NO. OF STUDENTS APPEARED	NO. OF STUDENT PASSED	PASS PERCENTAGE
2015-16	13	8	61
2016-17	18	12	66
2017-18	17	9	52
2018-19	7	5	71
2019-20	2	0	0
2020-21	12	12	100
2021-22	11	11	100

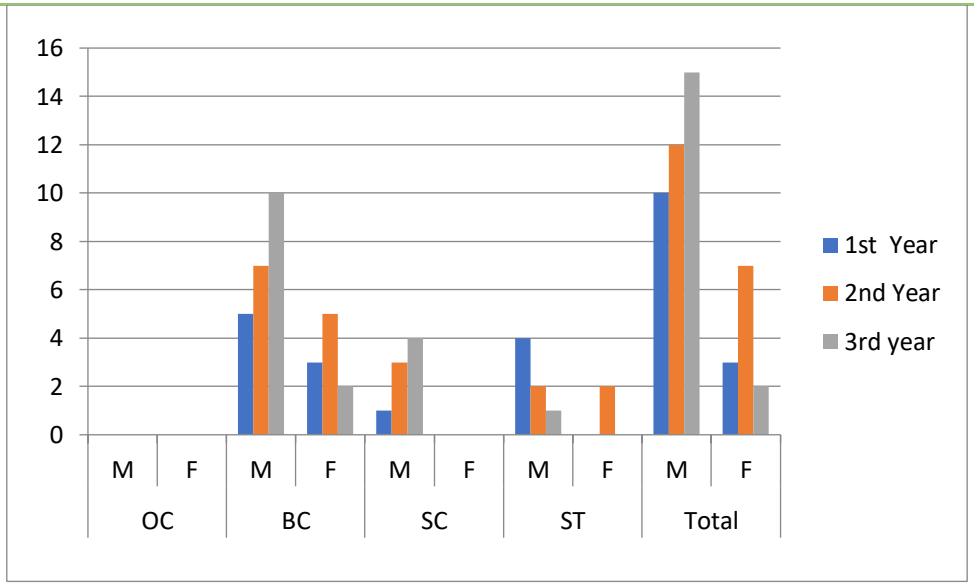

80
70
60
50
40
30
20
10
0
1
2
3
4
5
6
7
8
NAME OF THE YEAR
NO. OF STUDENTS APPEARED
NO. OF STUDENT PASSED
PASS PERCENTAGE


140
120
100
80
60
40
20
0
24
12
50
16
12
75
41
35
85
65
53
81
122
86
76
2016-17
2017-18
2018-19
2019-20
2020-21
No. of Students Appeared
No. of Students Passed
Pass Percentage

Student social status:

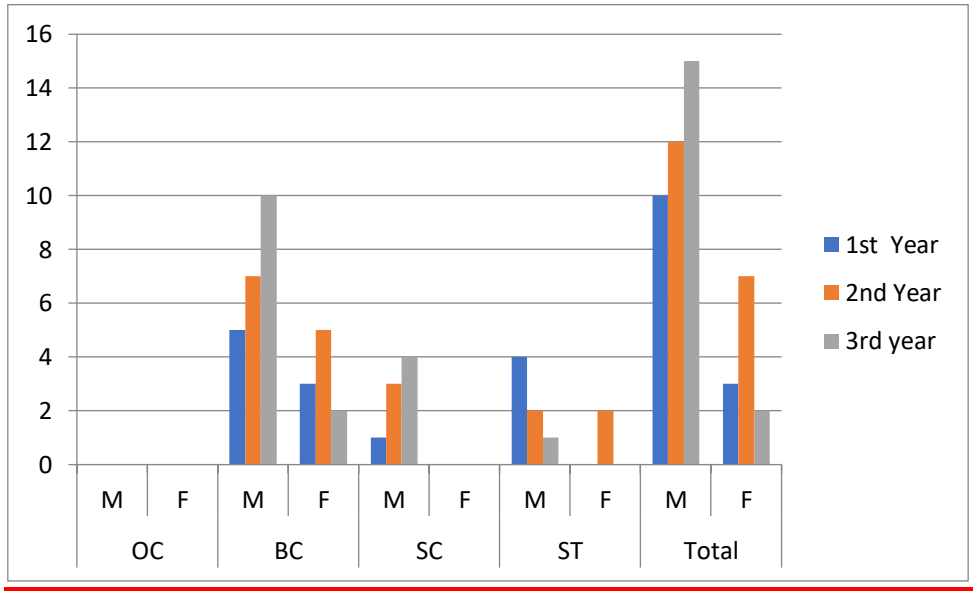
2017-18

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	3	0	2	0	2	0	7	0
2nd Year	0	0	4	4	3	0	1	1	8	5
3rd year	0	0	8	1	2	2	3	1	13	4



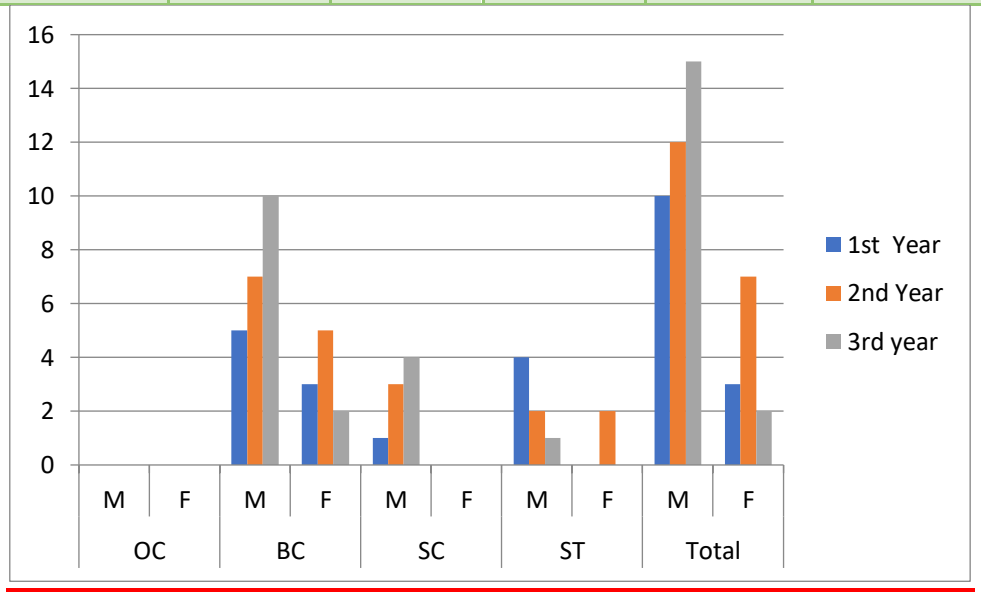
2018-19

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	2	4	2	1	2	1	6	6
2nd Year	0	0	2	0	2	0	0	0	4	0
3rd year	0	0	2	4	1	1	0	0	5	3



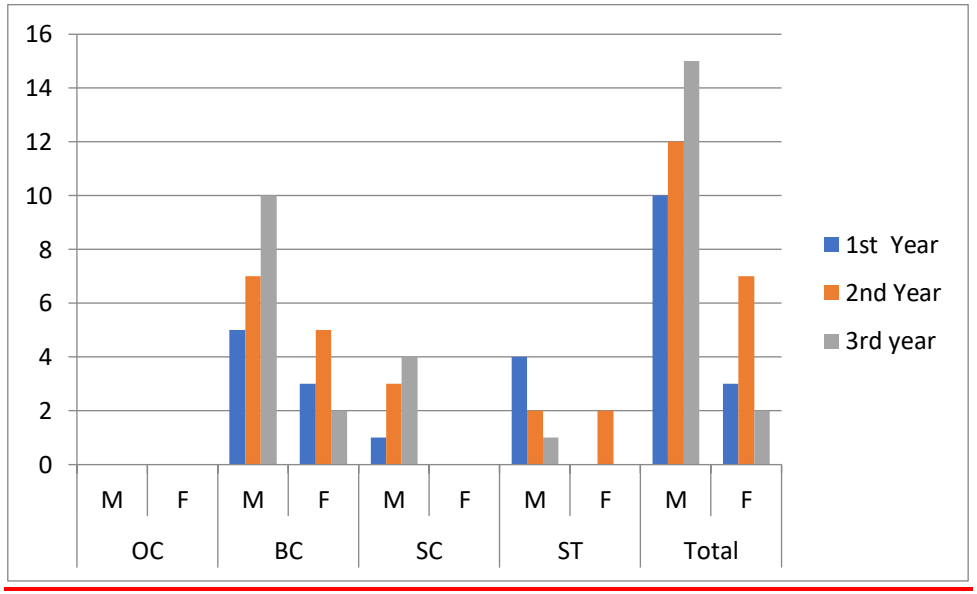
2019-20

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	7	8	1	0	0	0	8	8
2nd Year	0	0	1	3	1	1	0	0	2	4
3rd year	0	0	0	0	0	0	0	0	0	0



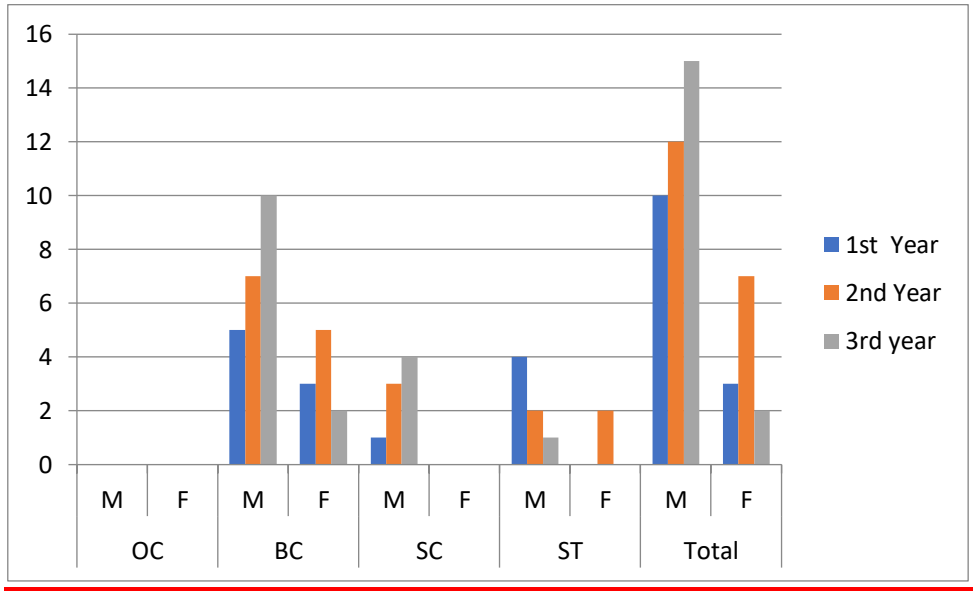
2020-21

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	1	3	1	1	0	0	4	2
2nd Year	0	0	7	5	3	0	1	3	11	8
3rd year	0	0	10	2	4	0	1	0	15	2



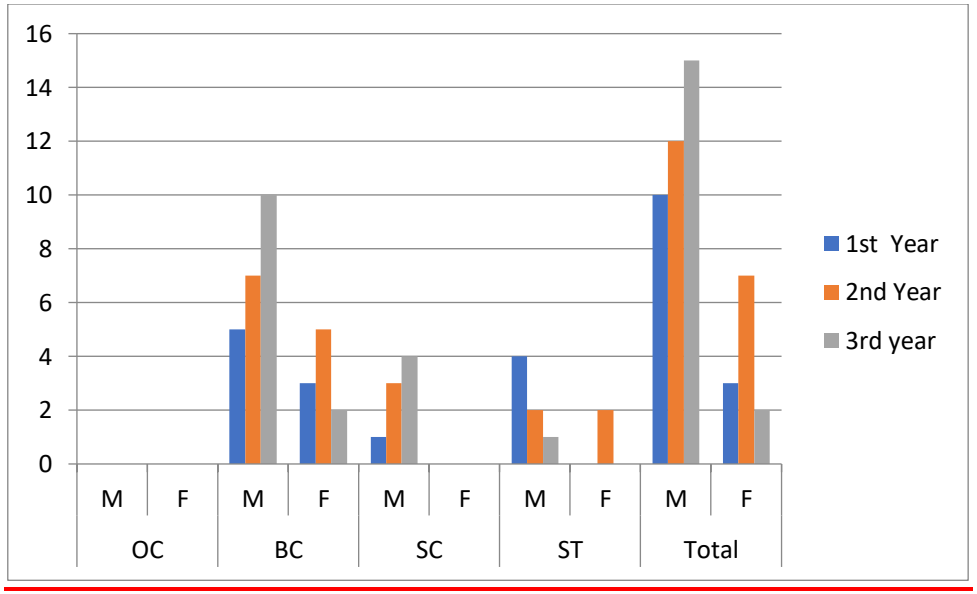
2021-22

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	7	5	3	0	1	3	11	8
2nd Year	0	0	10	2	4	0	1	0	15	2
3rd year	0	0	4	6	1	0	0	0	5	6

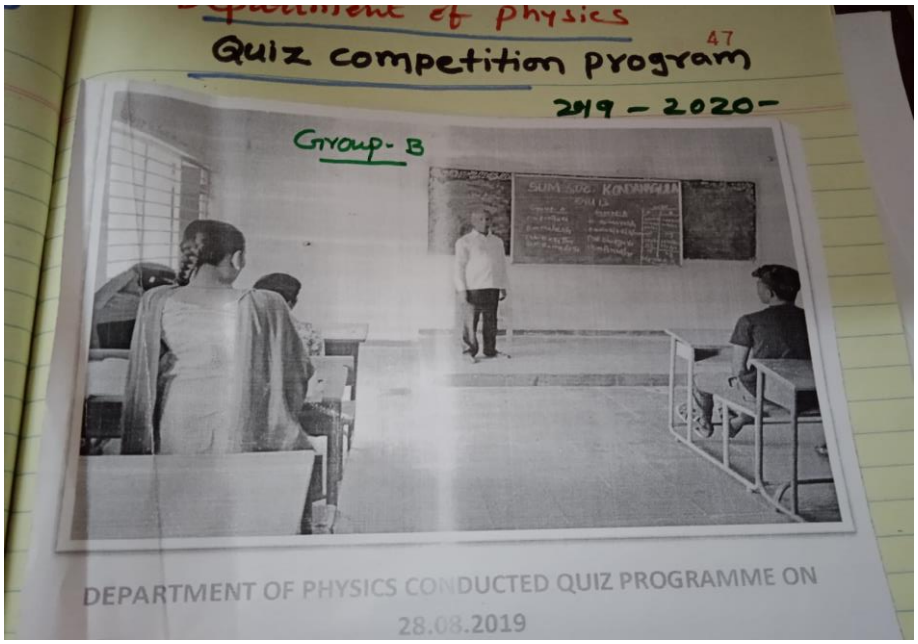


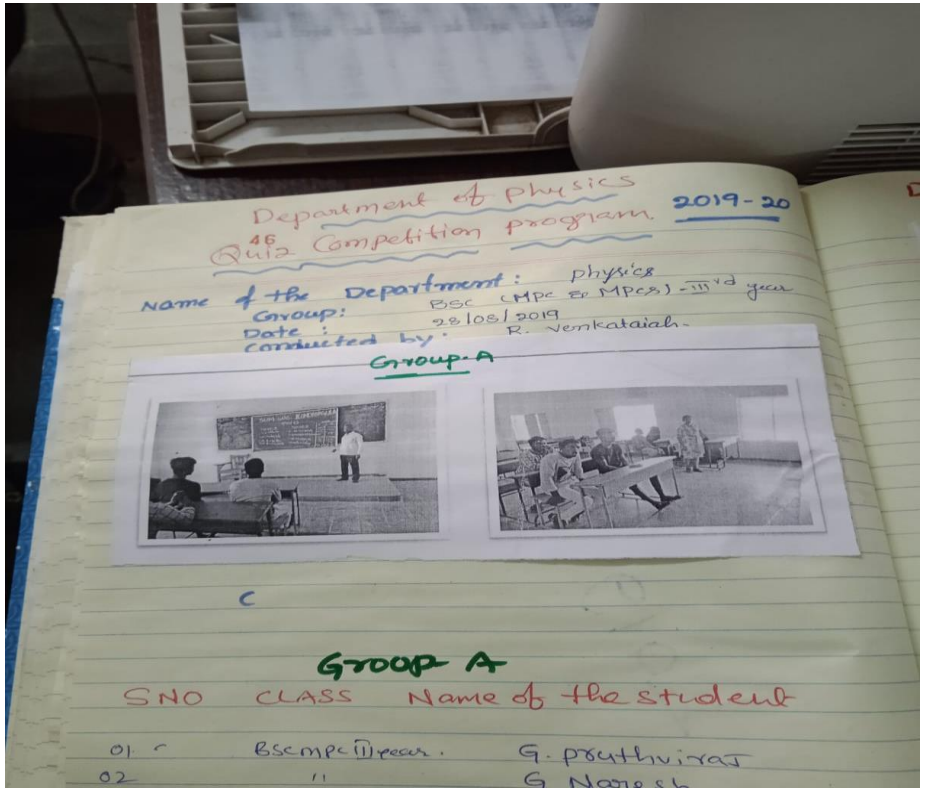
2022-23

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	05	3	1	0	4	0	10	3
2nd Year	0	0	7	5	3	0	2	2	12	7
3rd year	0	0	10	2	4	0	1	0	15	2



Quiz: We encourage students to explore on their subject by conducting few Quiz Competitions.Below are few photos while





Essay Writing:

Conducting Essay Writing Competition Every year on the occasion of Nation Science Day.

Student Seminar's

Department of Physics is organizing student's seminars. In these seminars students are allowed to deliver a topic chosen by them. This will enhance public speaking skills of the students. They have to work on the topic thoroughly this enables them to learn content of topic.

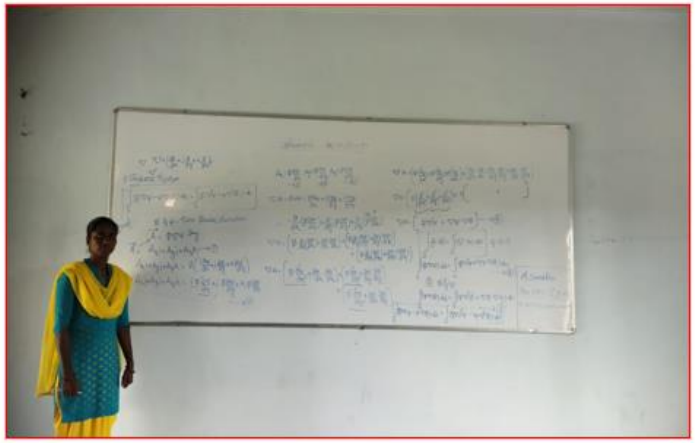
Name of the Student	Class	Date	Topic
Bharath	MPC 1st Year	13-01-18	Keplars law
Hanumanth	MPC 1st Year	14-01-18	Gas Divezation Theorm
shivaleela	MPC 2rd Year	08-12-18	Heisenberg's uncertainty principle
Krishna veni	MPC 3 nd Year	15-12-18	Fourcd –os la oscilation
Prudvi raju	MPC 1st Year	05-10-19	m- m experment
G Naresh	MPC 2 nd Year	02-03-21	Differanceation between interparts and diffraction

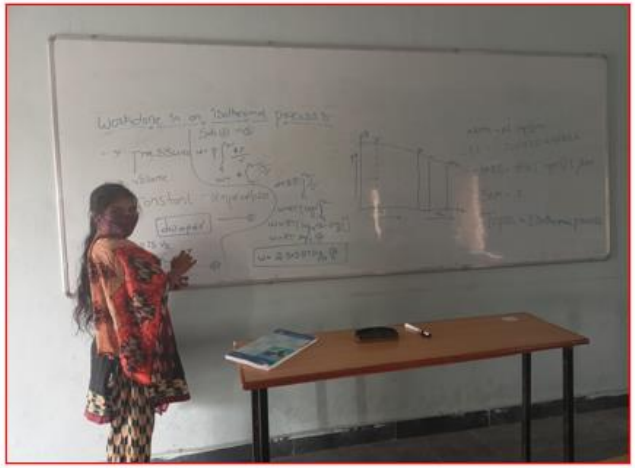

PHYSICS
Student Seminar
GPS Map Camera
Kondanagula, Telangana, India
Unnamed Road, Kondanagula, Telangana
509401, India
Lat 16.33665°
Long 78.602264°
28/12/22 02:15 PM GMT +05:30
Google


STUDENT SEMINAR
Department of physics


STUDENT SEMINAR
Department of physics


STUDENT SEMINAR
Department of physics



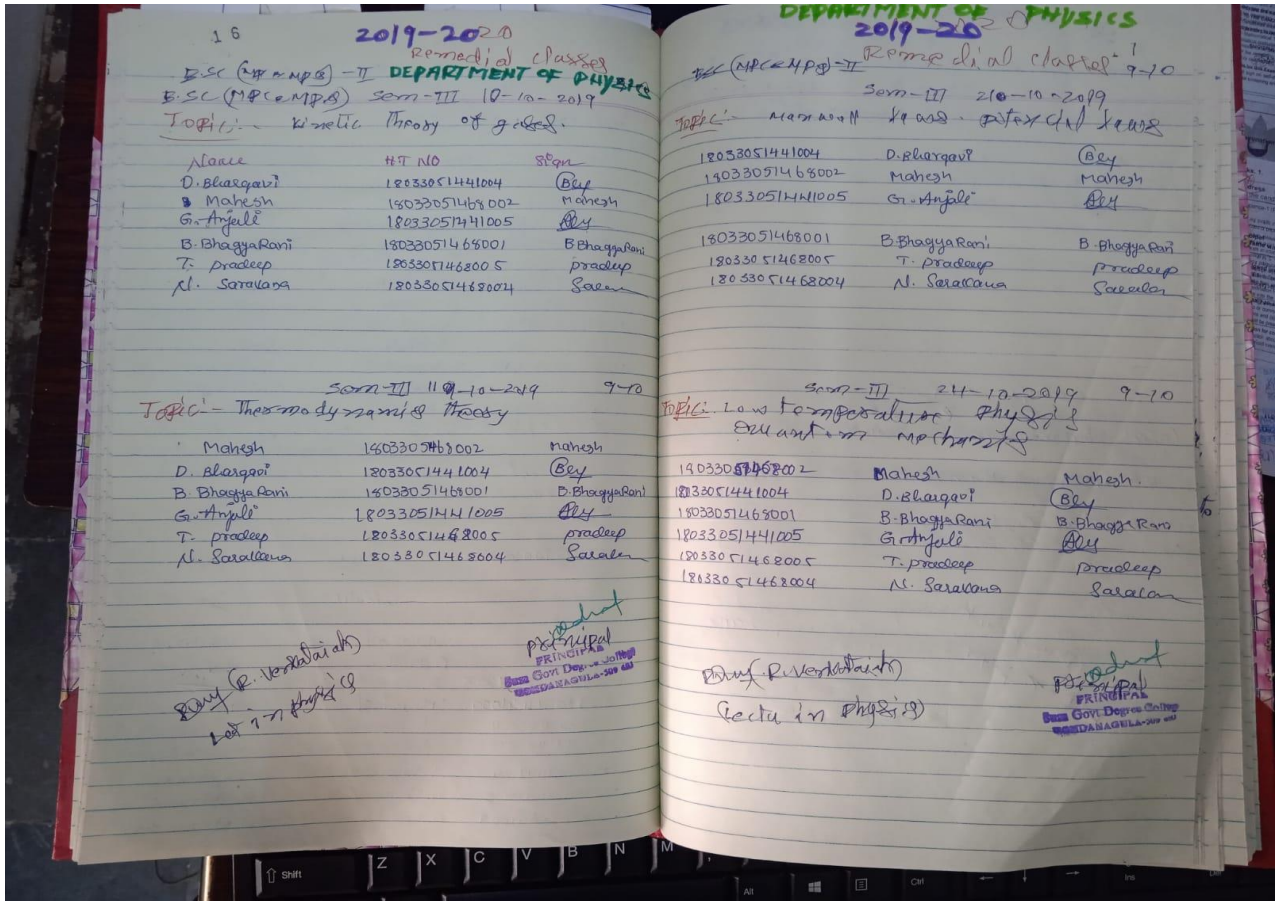


Remedial Classes:

We are Conducting Remedial classes to the students who has Backlogs in their Academics.

This helps to clear the examinations.

S No	Academic Year	Number Of Remedial Classes
1	2016-17	8
	2017-18	20
1	2018-19	16
2	2019-20	12
3	2020-21	06
4	2021-22	9


16
2019-2020
Remedial classes
DEPARTMENT OF PHYSICS
Sem-III
Topic:- Kinetic Theory of gases.
Name
HT NO
Sign
D. Bhargavi
1803305144 1004
Bey
Mahesh
1803305146 8002
Mahesh
G. Anjali
1803305144 1005
Aly
B. Bhagya Rani
1803305146 8001
B Bhagya Rani
T. pradeep
1803305146 8005
pradeep
N. Saravana
1803305146 8004
Saran
Sem-III 11-10-2019 9-10
Topic:- Thermodynamics Theory
Mahesh
1803305146 8002
Mahesh
D. Bhargavi
1803305144 1004
Bey
B. Bhagya Rani
1803305146 8001
B. Bhagya Rani
G. Anjali
1803305144 1005
Aly
T. pradeep
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pradeep
N. Saravana
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PRINCIPAL
Govt Degree College
KONDANAGULA
Lect in Physics
DEPARTMENT OF PHYSICS
2019-20
Remedial classes
Sem-III 21-10-2019
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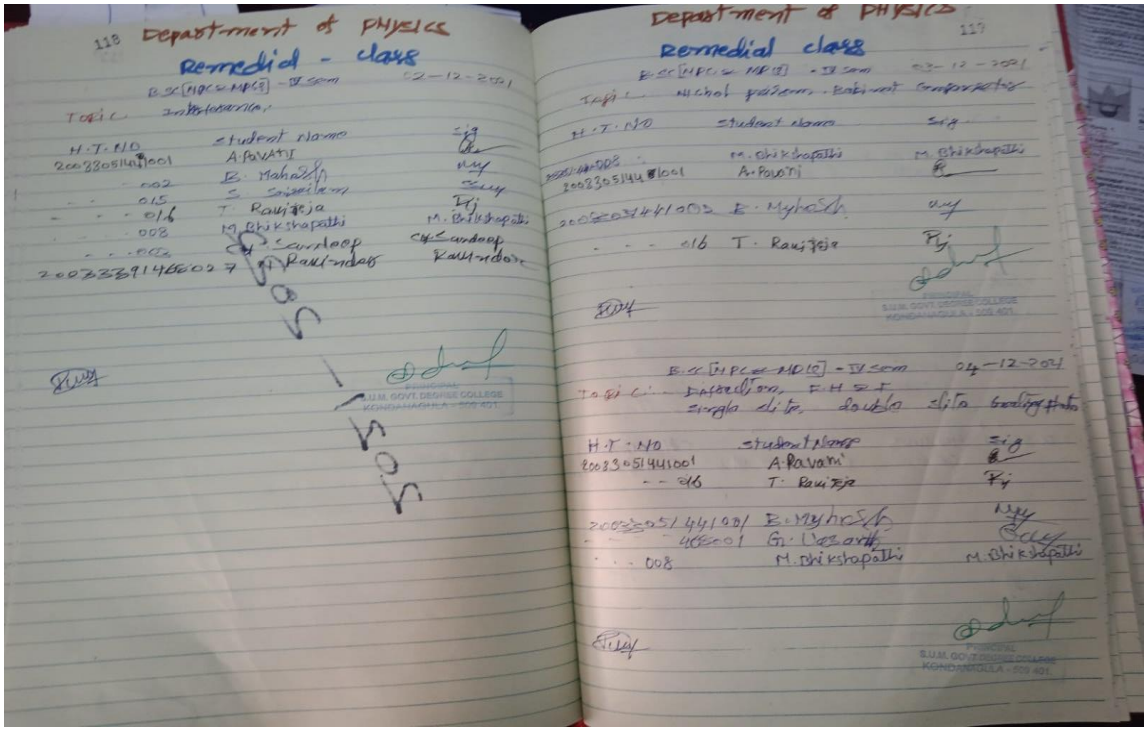
D. Bhargavi
Bey
1803305146 8002
Mahesh
Mahesh
1803305144 1005
G. Anjali
Aly
1803305146 8001
B. Bhagya Rani
B. Bhagya Rani
1803305146 8005
T. pradeep
pradeep
1803305146 8004
N. Saravana
Saravana
Sem-III 24-10-2019 9-10
Topic:- Laws
Mahesh
D. Bhargavi
Bey
B. Bhagya Rani
B. Bhagya Rani
G. Anjali
Aly
T. pradeep
pradeep
N. Saravana
Saravana
PRINCIPAL
Govt Degree College
KONDANAGULA
Lecturer in Physics


Department of PHYSICS
Remedial - class
Department of PHYSICS
Remedial class

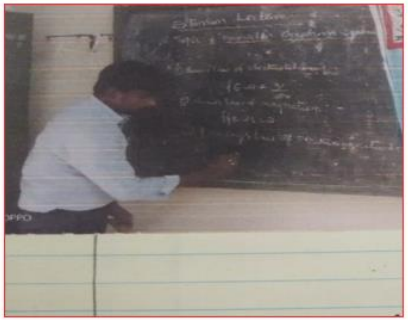
Field Trip:

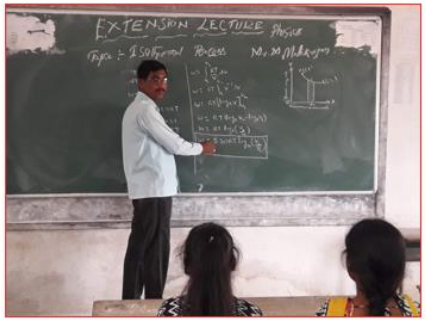
Extension Lectures:

Department of Physics is Organising extension lectures. On request of principal a lecturer will come from reputed institution outside and deliver a lecture on topic which usually students feel difficult.

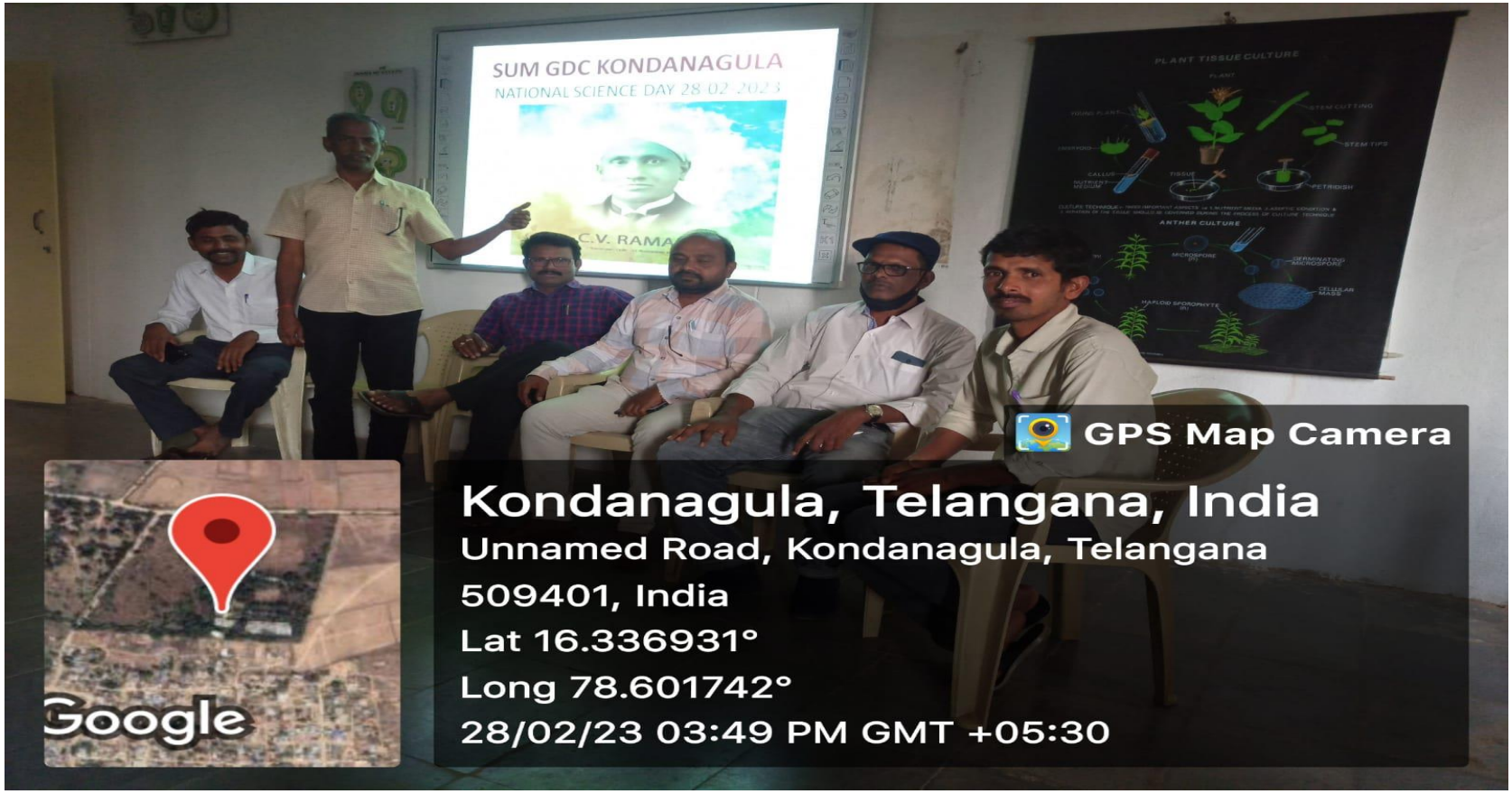
S.No.	Name of the Lecturer	Name of the College	Academic Year
1	Y ShyamSunder	GDC , Kalwakurthy	2018-2019
2	M Mallikarjun	GDC (Co-ed) ,Wanaparthy	2019-2020
3	K Manjula	NTR GDC(W) , Mahaboobnagar	2020-2021
4	Ch Raju	GDC,Amrabad	2021-2022


GPS Map Camera
Kondanagula, Telangana, India
Unnamed Road, Kondanagula, Telangana
509401, India
Lat 16.336664°
Long 78.602268°
28/12/22 02:15 PM GMT +05:30
Google




EXTENSION LECTURE

National Science Day:



CRITERION III

RESEARCH, INNOVATION AND EXTENSIONS

Project work to advanced learner:

To develop research aptitude among the students Department is guiding students to do projects. Students are motivated to research in the form of quality research work. A team of five or six students come together and identify a problem in the topic chosen and they will try to solve the problems with the subjects they learn. Advanced learners are encouraged to take up this task. From 2021-22 academic year Palamuru University has incorporated projects in syllabus. As per the instruction of Palamuru University, Mahabubnagar. Each student can choose optional paper or project in any of the optional subjects. Project works can be allotted as group up to 4 students

S No	Academic Year	Name of the Project	No Of Projects
1	2016-17	Issac Newton	1
2	2017-18	Nobel Prize Awarness In Physics	1
3	2018-19	History of scientist	1
4	2019-20	Jignasa student study project(stoped urenion and save nalamalla forest)	1
5	2020-21	-	0

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

Text books and Reference books available in the library is being utilized. The College library has 120 (Reference books-29 & Text books-91) Physics books these include reference books also. Students can barrow books from library. Department library has 120 books. Department has one Desktop computer with preload windows and office software. Which is useful in digitalization of records and for making PPTs. Department is Utilising College infrastructure like Computers, Class rooms, Virtual Class Rooms in maximum extent possible?

Department Library

Lab Equipment's

Digital logic trainer kit	Diffraction Grating
Fly wheel	Pulfrich refractometer
Travelling microscopes	Lee's experiment – set up
Half-Full Adder	Thermister Boards
Newton Ring Apparatus	Boy's Method arrangement
P-N Junction diode characteristics	Bar pendulum and simple pendulums
Zener diode characteristics	Newton laws of cooling – set up
Energy gap of a semiconductor with two meters	Heating efficiency of a Electric Kettle experiment – setup

Lab Practical Session's

CRITERION V

Student Achievements

The Following Students Joined in Colleges and Universities for Higher Education and Few of Them Started Their Career.

S No	Name Of the Student	Working in	As a
1	D Krishna Teja	SV GDC Palem	Guest Lecture in Physics
2	A Srikanth	GDC Amrabad	Guest Lecture in Physics
3	M Mahesh	SBI Bank	Junior Associate

S No	Name Of The Student	Joined In	University
1	T Paramesh	B.Ed.	Kakatiya University, Warangal
2	Y Ankitha	MBA	LPU, Punjab
3	T Paramesh	M.Sc. Physics	OU, Hyderabad

CRITERION VI

GOVERNANCE LEADERSHIP AND MANAGEMENT

Departmental Meetings

At the Department level, Department faculty members meet every month on a convenient date to discuss academic matters like distribution of the syllabus among the faculty, Review of coverage of syllabus, Result Analysis and Course Outcomes, National Science Day celebrations, ICT, NAAC Records, etc.

S No.	Academic Year	Name of the faculty	Designation
1	2020-21	R Venkataiah	Lecturer
2	2019-20	R Venkataiah	Lecturer
3	2018-19	R Venkataiah	Lecturer

Staff Council

At the college level, staff council is the apex body of the college in which important decision related to academic or non-academic matters are made and executed. In charge of every Department is a member of this body. Physics Department In charges are actively participating in the meetings.

Coordinator/Member of Various Committees

- Women Empowerment committee
- Career Guidance
- Anti-Ragging
- Sports and Games

MENTOR MENTEE SYSTEM

In each academic year, Principal will allot mentor for each group. Mentor will facilitate election of CC (Class Captain), Class Representatives (CR-I, CR-II), Executive Council (EC-I, EC-II). Mentor takes responsibility of whole group. Mentor will communicate with the students through CRs or CCs. Mentor will guide the students in every academic aspect like Examinations, Fee payment, Feedback on marks obtained, maintaining decorum and advise them on issues on Scholarships. Mentors are mentoring students in the following areas

1. Career counselling
2. student seminars
3. Guidance towards higher education
4. Study projects

S No	Academic Year	Mentor	No Of Mentees
1	2018-19	R Venkataiah	20
2	2019-20	R Venkataiah	17
3	2020-21	R Venkataiah	31
4	2021-22	R Venkataiah	20

FDP

S No	Faculty Name	Program	College	Date
1	R Venkataiah	National Online Quiz on Health	GDC Meripeda	04-07-2020
2	R Venkataiah	TSKC Online Quiz During Covid -19	NTR GDC(W) Mahaboobnagar	01-07-2020 to 05-07-2020
3	R Venkataiah	Online Quiz on General Studies	GRP GDC Bhainsa	01-07-2020 to 04-07-2020
4	B Vanitha	2 Days E-National Conference on Challenges and Opportunities in Higher Education in INDIA Post Covid-19	Nanded Education Society, Nanded	26-06-2020 to 27-06-2020
5	B Vanitha	National level Online FDP on Digital Skills for Smart Teaching	Raja Doraisingam Govt Arts College	22-06-2020 to 23-06-2020
6	B Vanitha	Mathematics & Aptitude	Andhra Layola Institute of Engg & Tech	19-06-2020 to 22-06-2020
7	B Vanitha	Basic Statistics of Regression and Correlation Methods	Don Bosco College	14-06-2020
8	B Vanitha	Emerging Applications of ICT Tools in Higher Education	GDC Gajwel	11-06-2020 to 13-06-2020

TARA GOVERNMENT COLLEGE
(Autonomous)

SANGAREDDY, TELANGANA, INDIA

ISO Certified 9001:2015 College || Accredited with "B" grade by NAAC || Affiliated to Osmania University

Certificate of Participation

This is to certify that Mr./Mrs./Miss./Dr. R.Venkataiah, Lecturer

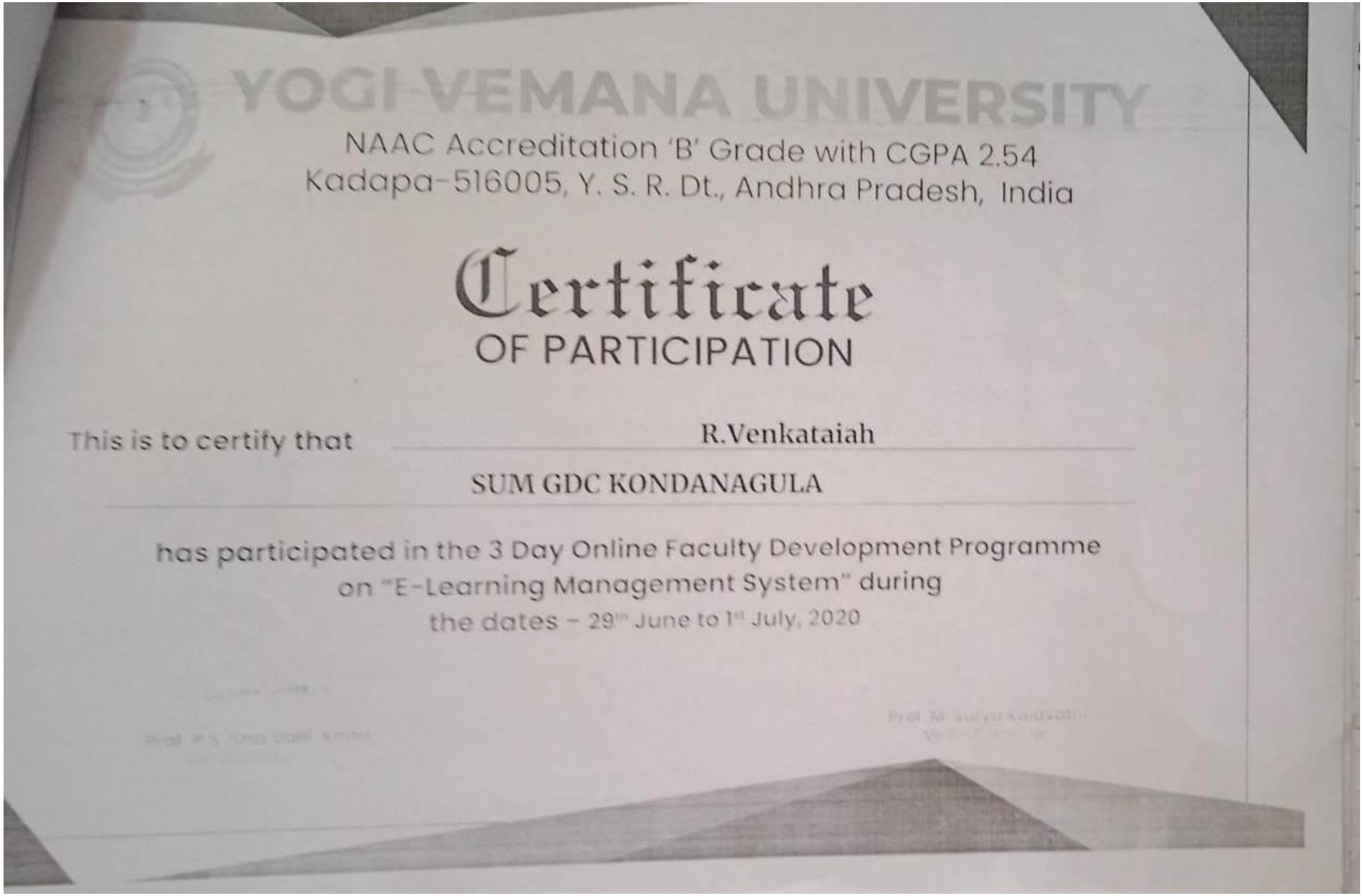
from SUM GDC KONDANAGULA, Achampet

has participated in Two Week National Level Online Faculty Development Programme on "Hurdles and Solutions in Research Avenues" from 13.07.2020 to 26.07.2020 organised by Department of Computer Science and Applications, TARA GOVERNMENT COLLEGE(A), SANGAREDDY, TELANGANA STATE.

Dr.S.Nagaprasad
Co-Convener

Shravani Nethi
Convener

P.Krishna Murthy
Principal



YOGI VEMANA UNIVERSITY

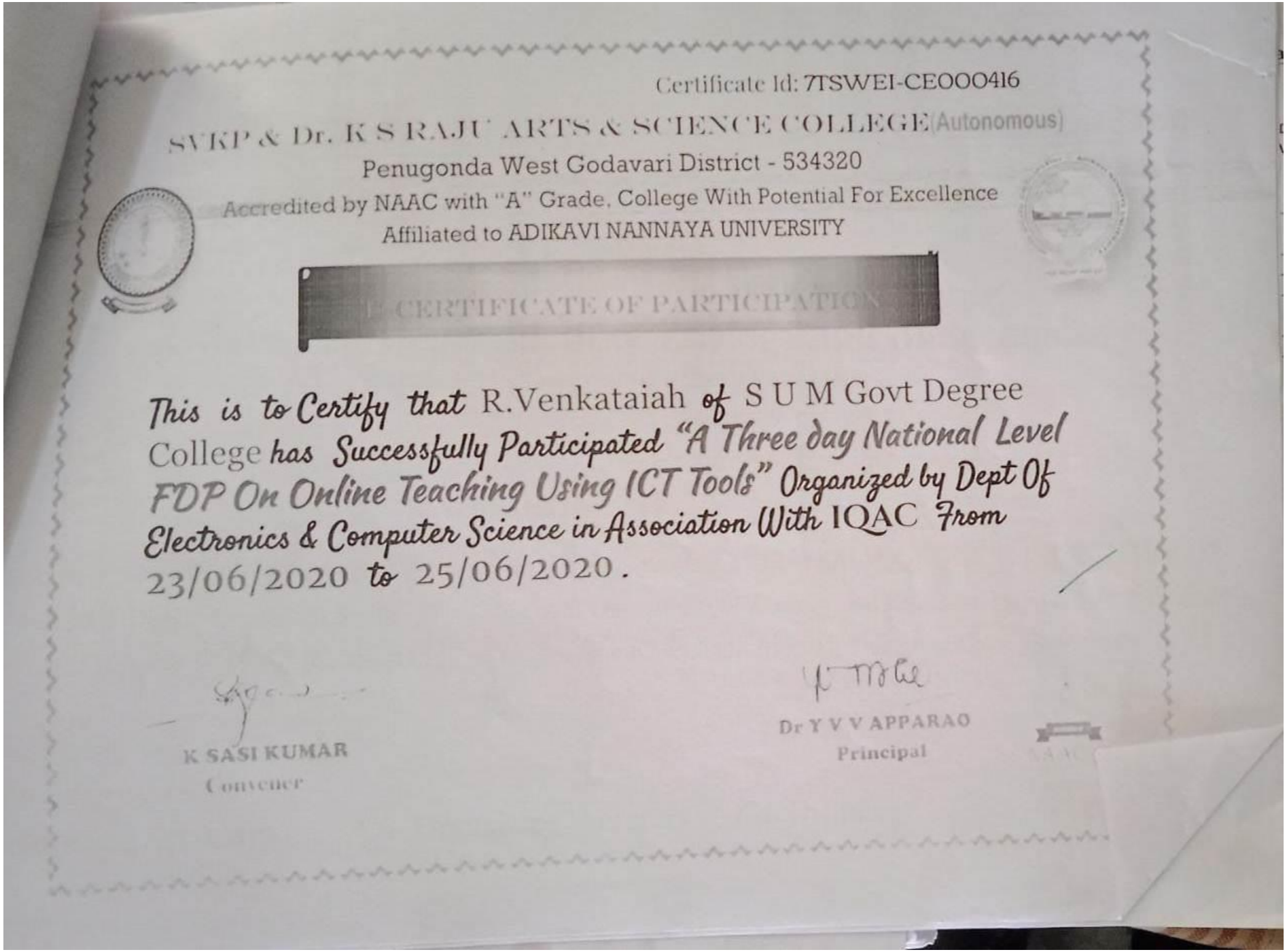
NAAC Accreditation 'B' Grade with CGPA 2.54
Kadapa-516005, Y. S. R. Dt., Andhra Pradesh, India

Certificate
OF PARTICIPATION

This is to certify that R.Venkataiah

SUM GDC KONDANAGULA

has participated in the 3 Day Online Faculty Development Programme on "E-Learning Management System" during the dates - 29th June to 1st July, 2020



Certificate Id: 7TSWEI-CEOOO416

SVKP & Dr. K S RAJU ARTS & SCIENCE COLLEGE (Autonomous)

Penugonda West Godavari District - 534320

Accredited by NAAC with "A" Grade, College With Potential For Excellence

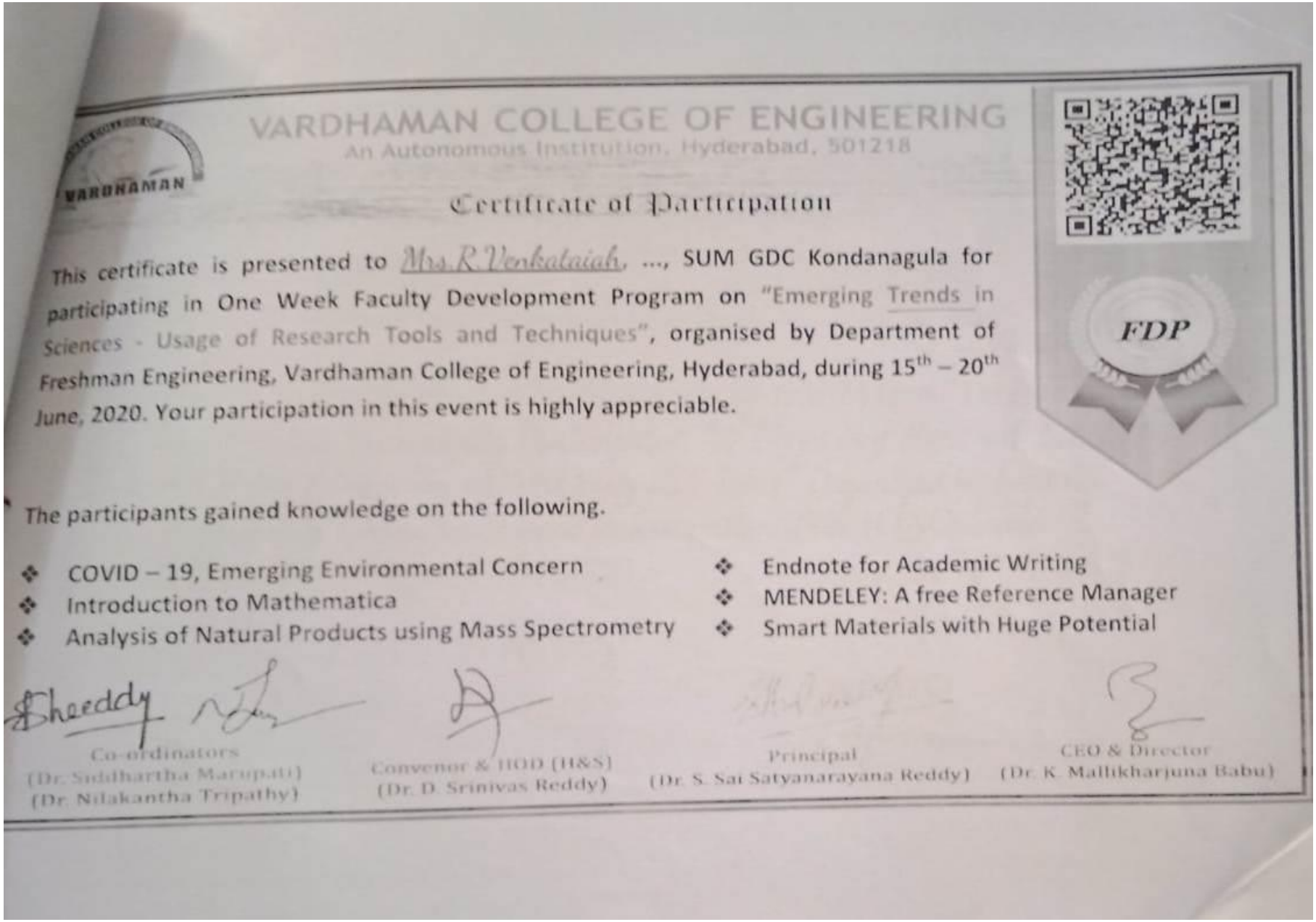
Affiliated to ADIKAVI NANNAYA UNIVERSITY

E-CERTIFICATE OF PARTICIPATION

This is to Certify that R.Venkataiah of S U M Govt Degree College has Successfully Participated "A Three day National Level FDP On Online Teaching Using ICT Tools" Organized by Dept Of Electronics & Computer Science in Association With IQAC From 23/06/2020 to 25/06/2020.

K SASI KUMAR
Convener

Dr Y V V APPARAO
Principal



VARDHAMAN COLLEGE OF ENGINEERING
An Autonomous Institution, Hyderabad, 501218

VARDHAMAN

Certificate of Participation

This certificate is presented to Mrs.R Venkataiah, ..., SUM GDC Kondanagula for participating in One Week Faculty Development Program on "Emerging Trends in Sciences - Usage of Research Tools and Techniques", organised by Department of Freshman Engineering, Vardhaman College of Engineering, Hyderabad, during 15th – 20th June, 2020. Your participation in this event is highly appreciable.

FDP

The participants gained knowledge on the following.

- COVID – 19, Emerging Environmental Concern
- Introduction to Mathematica
- Analysis of Natural Products using Mass Spectrometry
- Endnote for Academic Writing
- MENDELEY: A free Reference Manager
- Smart Materials with Huge Potential

Co-ordinators
(Dr. Siddhartha Maripati)
(Dr. Nilakantha Tripathy)

Convenor & HOD (H&S)
(Dr. D. Srinivas Reddy)

Principal
(Dr. S. Sai Satyanarayana Reddy)

CEO & Director
(Dr. K. Mallikharjuna Babu)

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

GAJULAREGA,VIZIANAGARAM,ANDHRA PRADESH,INDIA

Email:sitam@sitam.co.in,website:www.sitam.co.in,FB:sitam.gvp

CERTIFICATE OF PARTICIPATION

R.VENKATAIAH

of

S.U.M Govt Degree College

Participated in the Five Day online Faculty Development Program on

"Philosophy for Happy Life"

conducted from 12th June -16th June 2020

Dr K.SREELATHA
CONVENER

Dr M.SASIBHUSHANA RAO
DIRECTOR-SITAM

Dr D.V.RAMMURTHY
PRINCIPAL - SITAM

YOGI VEMANA UNIVERSITY

NAAC Accreditation 'B' Grade with CGPA 2.54
Kadapa-516005, Y. S. R. Dt., Andhra Pradesh, India

Certificate
OF PARTICIPATION

This is to certify that R.Venkataiah

SUM GDC KONDANAGULA

has participated in the 3 Day Online Faculty Development Programme on "E-Learning Management System" during the dates - 29th June to 1st July, 2020

Prof. P.S. Sha Valli Khan
Co-ordinator

Prof. M. Surya Kalavathi
Vice-Chancellor

NTR GOVT. DEGREE COLLEGE FOR WOMEN
MAHABUBNAGAR
Accredited By NAAC With 'B' Grade
Affiliated to Palamuru University

CERTIFICATE OF PARTICIPATION

This is to certify that Sri./Smt./Dr./Ms. Bvanitha, Lecturer, Govt Degree college has participated on 7/3/2020 scored 64% and successfully getting through the TSKC ONLINE QUIZ during Covid-19 from 01-07-2020 to 05-07-2020 organized by Department of TELANGANA SKILLS AND KNOWLEDGE CENTER (TSKC) of NTR Government Degree College for Women, Mahabubnagar, Telangana State, Certificate ID DHGDFA-CE000257.

K.Amrutha Vani
TSKC-TASK FTM

Smt. Nagalaxmi B
TSKC MENTOR & Quiz Convenor

Dr. K. Padmavathi
Principal

International Educational Organization for more then 150 years in 150 countries.

DON BOSCO COLLEGE

(Co-Educational Institution, Affiliated to Periyar University, Salem-11)
Athiyaman Bypass Road, Sogathur Post, Dharmapuri-636809,
Tamilnadu, India.
Mobile: 9443604446, 9443604447, E.mail: dbc155@live.in, Website: dbcdharmapuri.edu.in

E-CERTIFICATE OF PARTICIPATION

This is to certify that Mr. /Ms. /Dr. B.vanitha, Research scholar of Govt Degree college(co ed) has successfully completed the Online Quiz on **Basic Statistics of Regression and Correlation Methods** conducted by the PG and Research Department of Mathematics on 14-6-2020 with a passing score of 80%.

Mr.D.CHENDRAYAN	Mr.R.PRAKASH	Rev.Dr.A.SILUVAI MUTHU
Coordinator	HOD	Principal

E-Certificate ID:ABIIQK-CE000374

This is system generated E-certificate, Hence signature is Not mandatory.

70th Foundation Day Commemoration
Nanded Education Society, Nanded's
People's College, Nanded (Maharashtra)
and
Swami Ramanand Teerth Marathwada University, Nanded
organised
Two-Day e-National Conference
On
Challenges and Opportunities in Higher Education in India Post-Covid-19
On June 26-27, 2020

Est. 1950

e-Certificate

This is to certify that, **B vanitha**, Govt Degree collegenagarkurnool actively participated in the Two Day e-National Conference on Challenges and Opportunities in Higher Education in India Post-Covid-19 organised on June 26-27, 2020 by the Internal Quality Assurance Cell, People's College, Nanded (M.S.) in association with Swami Ramanand Teerth Marathwada University, Nanded.

Dr. D.N. More
Convener

Dr. R.M. Jadhav
Principal and Organising Secretary

RAJA DORAISINGAM GOVERNMENT ARTS COLLEGE
(Affiliated to Alagappa University, Karaikudi)
ACCREDITED WITH 'B' GRADE BY NAAC
Sivaganga - 630 561, Tamil Nadu

NATIONAL LEVEL FDP ON DIGTAL SKILLS FOR SMART TEACHING

CERTIFICATE OF PARTICIPATION

This is to certify that **B vanitha**

Govt Degree college nagarkurnool

has participated in the National Level Online FDP on

"DIGITAL SKILLS FOR SMART TEACHING" held from 22 – 23 June 2020.

Dr. C. MURALIKUMARAN
FDP Coordinator

Dr. P. HEMALATHA
Principal

Certificate ID : GGSNQE-CE000079

Andhra Loyola

Institute of Engineering and Technology

Certificate of Participation

This is to certify that **Mrs B.vanitha**, **Faculty** from **Govt Degree college(coed)** has participated and successfully completed Online Quiz in "***Mathematics & Aptitude***" conducted by the *Department of Mathematics,* Andhra Loyola Institute of Engineering and Technology, Vijayawada during 19th-22nd June 2020, secured 40%.

Dr. V. V. Prabhakar Rao
H.O.D

Dr. O. Mahesh
Principal

Dr. Fr. A. Francis Xavier S.J
Director

Government Degree College, Gajwel

Siddipet District, Telangana

(Re-Accredited with 'B' Grade by the NAAC, Affiliated to Osmania University & ISO 9001:2015 certified college)

Three-Day National Level Online Workshop on

"EMERGING APPLICATIONS OF ICT TOOLS IN HIGHER EDUCATION"

Certificate Of Appreciation

This is to certify that **Ms. B.vanitha,Lecturer in physics** working at **Govt Degree college nagarkurnool,Telangana** has participated in a Three-Day National level online workshop on **"Emerging Applications of ICT Tools in Higher Education"**, organized by the Department of Microbiology, Government Degree & P.G College, Gajwel, Siddipet District, Telangana, during 11-13 June-2020. This E-Certificate has been issued as an acknowledgement of his/her active association and participation in the workshop.

Workshop Convener
(Dr. N.Harikrishna)
Head, Department of Microbiology

Workshop Chairperson
(Dr.A.Srinivas Reddy)
Principal

LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Affiliated to Osmania University

Accredited 'A' grade by NAAC & Accredited by NBA

Sy.No:32, Himayath Sagar, Hyderabad.

DEPARTMENT OF MATHEMATICS

Certificate of Appreciation

B.vanitha

Of

Govt Degree college nagarkurnool

*has successfully completed National level E-Quiz on **"Mathematics & It's Applications"** conducted by Department of Mathematics, Lords Institute of Engineering and Technology, Hyderabad on 14-6-2020 with 90% score.*

Mr. Mohammed Irshad Ali
HoD - Mathematics

Dr.J. Sasi Kiran
Dean - I Year

Dr. Mohd. Yousuf Ali
Principal

HSPVRE-CE000843

GRP.GOVERNMENT DEGREE COLLEGE

BHAINSA, NIRMAL District

(Affiliated to Kakatiya University)

DEPARTMENT OF PUBLIC ADMINISTRATION

CERTIFICATE OF EXCELLENCE

This is to certify that **B vanitha** , **Lecturer** of **Govt Degree college nagarkrnool** , has participated and successfully completed online quiz on **"General Studies"** conducted by Department of Public Administration, GRP.Government Degree College, Bhainsa during 1-07-2020 to 4-07-2020 with a score of 92%.

U.GANGADHAR

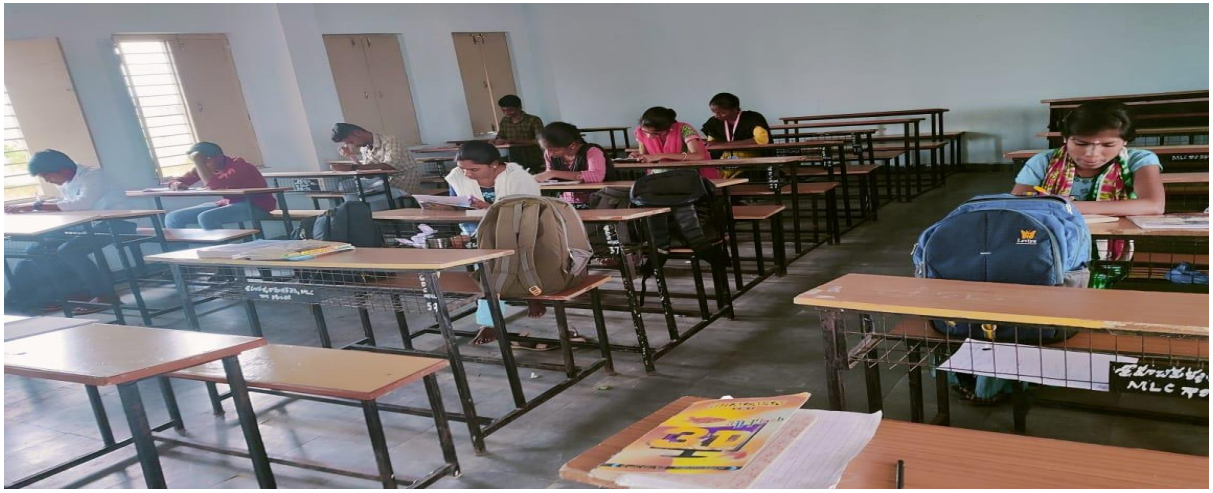
Convener

Dr.M.SUDHAKER

Principal

CRITERION VII

Conducting Study Hours



Cultural and Haritha Haram

Department Outreach Program

We from Physics Department involved in campaign and explained students of various Junior colleges about the process in getting admission into degree college and the benefits of the higher education.

University Games Participation

Legal service campu Module

भारत सरकार
Government of India
युवा कार्यक्रम एवं खेल मंत्रालय
Ministry of Youth Affairs & Sports
राष्ट्रीय सेवा योजना क्षेत्रीय निदेशालय, अहमदाबाद (गुजरात)
NSS REGIONAL DIRECTORATE, AHMEDABAD (GUJARAT)

प्रमाणपत्र
CERTIFICATE

प्रमाणित किया जाता है कि / Certified that
श्री / कुमारी / Mr. / ~~Ms.~~ Angelu Anil Kumari

सुपुत्र / सुपुत्री श्री / Son / ~~Daughter~~ of Shri A. Sreenivas

रा.से.यो. स्वयंसेवक / कार्यक्रम अधिकारी
NSS Volunteer / ~~Programme Officer~~ of SUM Govt. Degree College NKKL

राज्य
State Telangana

ने २० से २९ नवम्बर, २०२२ तक राष्ट्रीय सेवा योजना पूर्व गणतंत्र दिवस परेड शिविर सरदार पटेल विश्वविद्यालय, वल्लभ विद्यानगर, जि. आणंद के आयोजन में सहभागिता की ।
has participated in the NSS Pre Republic Day Parade Camp held at Sardar Patel University, Vallabh Vidyanagar, Dist. Anand from 20th to 29th November, 2022.

डो. जागृति सुवेरा / Dr. Jagruti Suvera
कार्यक्रम समन्वयक, रा.से.यो.
Programme Co-ordinator, NSS
सरदार पटेल विश्वविद्यालय, वल्लभ विद्यानगर, जि. आणंद
Sardar Patel University, Vallabh Vidyanagar, Dist. Anand

डो. निरंजन पटेल / Dr. Niranjan Patel
का. कुलपति
Vice Chancellor (Offg.)
सरदार पटेल विश्वविद्यालय, वल्लभ विद्यानगर, जि. आणंद
Sardar Patel University, Vallabh Vidyanagar, Dist. Anand

गिरधर उपाध्याय / Girdhar Upadhyay
क्षेत्रीय निदेशक
Regional Director
राष्ट्रीय सेवा योजना क्षेत्रीय निदेशालय
अहमदाबाद (गुजरात)
NSS Regional Directorate, Ahmedabad (GUJARAT)

REDMI NOTE 9 PRO
AI QUAD CAMERA
29/11/2022 16:13

NSS Pre republic day parade campheld at sardar patel Gujarat

Registration at Rural awarness Chenchu Villagesz

College Games


Thank
you