

STUDY PROJECTS

DECLARATION

We hereby declare that the Project titled **FIRE DIRECTOR with AUTOMATIC WATER SPRINKLER to AVOID FIRE ACCIDENTS** is a bonafide record of research work carried out by us under the guidance of mentor **Dr. Ch. Kanchana Latha**, (Assistant Professor of Physics & Faculty of Physics Department), Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad – 1 by the students **A.Kavya(108519441001),B.Sindhuja(108519441005),P.Ravali(108519441026),P.Neeraja(108519441027),P.Keerthana(108519441028)** during the academic year 2021 – 22.

Signature of the Mentor & Faculty

Dr. Ch. Kanchana Latha

Signature of the Students

A.Kavya(108519441001) A.Kavya

B.Sindhuja(108519441005) B.Sindhuja

P.Ravali(108519441026) P.Ravali

P.Neeraja(108519441027) P.Neeraja


P.Keerthana(108519441028) P.Keerthana

GOVERNMENT DEGREE COLLEGE BEGUMPET,

HYDERABAD – 500 016 TELANGANA

CERTIFICATE

This is to certify that the project titled **FIRE DIRECTOR with AUTOMATIC WATER SPRINKLER to AVOID FIRE ACCIDENTS** submitted to Commissioner of collegiate Education, Telangana, Hyderabad by the students **A.Kavya(108519441001),B.Sindhja.(108519441005),P.Ravali(108519441026),P.Neeraja(108519441027),P.Keerthana(108519441028)** during the academic year 2021-22 under the guidance of mentor **Dr. Ch. Kanchana Latha,(Assistant Professor of Physics Department), Government Degree College, Begumpet, Hyderabad.**



Signature of Head Organisation / Institution

Name and Designation:-

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD – 500 016, TELANGANA

DECLARATION

We hereby declare that the Project titled TEMPERATURE BASED FAN SPEED CONTROLLER is a bonafied record of research work carried out by us under the guidance of mentor Dr. Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad – 1 by the students TEJAVATH PRIYANKA (108519441039), P RAMA (108519441029), M MOUNIKA (108519441025) and Y ASHWIKA (108519441042) during the academic year 2021 – 22.


Signature of the Mentor &

Faculty

Dr. Ch. Kanchana Latha

Place: Hyderabad

Date :

Signature of the Students

TEJAVATH PRIYANKA (108519441039)^{T. Priyanka}_{P. Rama}

P RAMA (108519441029)_{P. Rama}

M MOUNIKA (108519441025)_{m.mounika}

Y ASHWIKA (108519441042)_{y.ashwika}

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD – 500 016 TELANGANA

CERTIFICATE

This is to certify that the project titled TEMPERATURE BASED FAN SPEED CONTROLLER submitted to Commissioner of collegiate Education, Telangana, Hyderabad by the students TEJAVATH PRIYANKA (108519441039), P RAMA (108519441029), M MOUNIKA (108519441025) and Y ASHWIKA (108519441042) during the academic year 2021-22 under the guidance of mentor Dr. Ch. Kanchana Latha, Assistant Professor of Physics Department, Government Degree College, Begumpet, Hyderabad.




Signature of Head Organization /
Institution

Name and Designation

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD – 500 016, TELANGANA

DECLARATION

We hereby declare that the Project titled PASSWORD DOOR SYSTEM is a bonafied record of research work carried out by us under the guidance of mentor Dr. Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad – 1 by the students G. SUVARNA LAXMI (108519441011), G.MANISHA (108519441010), CH. DIVYA (108519441008), K.YAMINI (108519441021), M.V. SUSMITHA (108519441022) during the academic year 2021 – 22.


Signature of the Mentor & Faculty

Dr. Ch. Kanchana Latha

Place : Hyderabad

Date :

Signature of the Students

G. suvarna Laxmi G. Suvarna Laxmi (108519441011),

G. Manisha G. Manisha (108519441010),

ch. Divya Ch. Divya (108519441008),

K. Yamini K. Yamini (108519441021),

sushmitha M.V. Susmitha (108519441022).

Verified
Sushmitha

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD – 500 016 TELANGANA

CERTIFICATE

This is to certify that the project titled PASSWORD DOOR LOCK SYSTEM submitted to Commissioner of collegiate Education, Telangana, Hyderabad by the students G. SUVARNA LAXMI (108519441011), G.MANISHA (108519441010), CH. DIVYA (108519441008), K.YAMINI (108519441021), M.V. SUSMITHA (108519441022) during the academic year 2021-22 under the guidance of mentor Dr. Ch. Kanchana Latha, Assistant Professor of Physics Department, Government Degree College, Begumpet, Hyderabad.


Signature of Head Organization / Institution

Name and Designation:-

DECLARATION

We hereby declare that Students Study Project titled **BURGLAR ALARM** is a bonofide record of research work carried out by us under the guidance of mentor Dr.Ch.Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad-1 by the students **CH. PRAVALIKA (108519474002), C. SHILPA (108519474003), G. SOUMYA (108519474004), K. SUSMITHA(108519474006), Md. IQBAL SANA (108519474008)**, during the academic year 2021-22


Signature of the Mentor & Faculty

Dr. Ch.Kanchana Latha

Signature of the Students

Name : CH. PRAVALIKA (108519474002), -

C. SHILPA(108519474003) -

G. SOUMYA(108519474004) -

K. SUSMITHA (108519474006), -

Md. IQBAL SANA(108519474008) -

Ch. pravalika

C. Shilpa

G. Soumya

K. Susmitha

Md. Iqbal Sana

Place : Hyderabad

Date :

GOVERNMENT DEGREE COLLEGE BEGUMPET, HYDERABAD-500016

TELANGANA

CERTIFICATE

This is to certify that students project titled "BURGLAR ALARAM" submitted to
Commissioner of Collegiate Education, Telangana, Hyderabad by the students CH.
PRAVALIKA (108519474002), K. SUSMITHA(108519474006), Md. IQBAL
SANA(108519474008), C. SHILPA(108519474003), G. SOUMYA(108519474004) during
the academic year 2021-22 under the guidance of mentor Dr.Ch.Kanchana Latha, Assistant
Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet,
Hyderabad



**Signature of Head Organization/Institution
Name and Designation:-**

STUDENTS FINAL REPORT OF RESEARCH PROJECT IN PHYSICS

A Study Research Project IR Based Automatic Hand sanitizer Dispenser

Submitted to



Commissioner of Collegiate Education Hyderabad – 500 016, Telangana State,
India July 2022

Submitted By

KONDA INDU	-	(108519468061)
VARALA MEGHANA	-	(108519468116)
VALLURI ANJALI	-	(108519468115)
REDAPANGU MADHAVI	-	(108519468102)
SANAPALA SOWMYA SREE	-	(108519468105)

Under the Guidance

CH. KANCHANA LATHA


Principal Mentor & Assistant Prof of Physics

GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET
TELANGANA STATE

**GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET
TELANGANA STATE**

CERTIFICATE

This is to certify that the project titled **IR Based Automatic Hand Sanitizer Dispenser** submitted to Commissioner of Collegiate Education, Telangana, Hyderabad by the students **KONDA INDU (108519468115), VARALA MEGHANA (108519468116), VALLURI ANJALI (108519474009), REDAPANGU MADHAVI (108519468102) and SANAPALA SOWMYA SREE (108519468105)** during the academic year 2021-22 under the guidance of mentor **Dr.CH.KANCHANA LATHA**, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad.


Signature of Head Organization/Institution
Dr. CH.KANCHANA LATHA
Principal Mentor & Assistant Prof of Physics

DECLARATION

We hereby declare that the project title is **IR BASED AUTOMATIC HAND SANITIZER DISPENSER** is bonafied record of research work carried out by us under the guidance of mentor **Dr.CH. KANCHANA LATHA**, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad- 1 by the students

KONDA INDU *Indu* - (108519468061)

VARALA MEGHANA *Meghana* (108519468116)

VALLURI ANJALI *Anjali* (108519468115)

REDAPANGU MADHAVI *Madhavi* (108519468102)

SANAPALA SOWMYA SREE *Sowmya* (108519468105)

STUDENTS FINAL REPORT OF RESEARCH PROJECT IN PHYSICS

A Study Research Project

SOLAR MOBILE CHARGERS BASED ON MULTIPLIER

Submitted By

K.SHIREESHA(108519441020),

K.INDUMATHI(108519441018),

ANURADHA (108519441002),

RACHANA(108519441019),

AND

CH. KANCHANA LATHA

PRINCIPAL MENTOR &ASST.PROF OF PHYSICS

GOVERNMENT DEGREE COLLEGE, BEGUMPET TELANGANA



Submitted to

**COMMISSIONER OF COLLEGIATE
EDUCATION HYDERABAD – 500 016, TELANGANA,**

INDIA

July 2022

*Verified
Sudha*

DECLARATION

We hereby declare that the Project titled **SOLAR MOBILE CHARGERS BASED ON MULTIPLIER** is a bonafied record of research work carried out by us under the guidance of mentor Dr.Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad-1 by the students

K.SHIREESHA(1085119441020)K.INDUMATHI(108519441018),ANURADHA(108519441002), RACHANA (108519441019). during the academic year 2021-22

Signature of the Mentor & Faculty

Dr. Ch. Kanchana Latha

Place : Hyderabad

Signature of the Students

K.SHIREESHA(1085119441020), K. Shireesha

K.INDUMATHI(108519441018), K. Indumathi

ANURADHA (108519441002), Anuradha

RACHANA(108519441019), Rachana

**GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD-500016 TELANGANA**

CERTIFICATE

This is to certify that the project titled **SOLAR MABILE CHARGERS BASED ON MULTIPLIER** submitted to Commissioner of Collegiate Education, Telangana, Hyderabad by the students **K.SHIREESHA(108519441020)K.INDUMATHI(108519441018),ANURADHA(108519441002), RACHANA (108519441019)**, during the academic year 2021-22 under the guidance of mentor **Dr. Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad.**



Signature of

Head Organization/Institution

Name and Designation:-

SWACHCH ANTARIKSH

By

**GAYATRI MOKASHI, TRIPTI TIWARI, SHAIK ASRA,
DUMPALI DHARANI, B. SIRISHA**



**Submitted to the Department of Physics
GOVERNMENT DEGREE COLLEGE FOR WOMEN(A),
BEGUMPET**

SECUNDERABAD 500-015.

**In Partial Fulfillment of the Requirements for the Degree of
Bachelor of Science**

Supervised by Dr. Ch. KANCHANA LATHA

**HOD, Physics Department,
GOVERNMENT DEGREE COLLEGE FOR WOMEN(A), BEGUMPET**

GOVERNMENT DEGREE COLLEGE BEGUMPET,

HYDERABAD-500 016, TELANGANA

DECLARATION

We hereby declare that the Project titled Swachh Antariksh is a bonafide record of research work carried out by us under the guidance of mentor Dr. Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad - 16 by the students GAYATRI MOKASHI (108519441012), TRIPTI TIWARI (108519441041), SHAIK ASRA (108519441034), DUMPALI DHARANI (108519441009), B. SIRISHA (108519441006) during the academic year 2021-22.

Signature of the Mentor & Faculty

Dr. Ch. Kanchana Latha

Place: Hyderabad

Date:

Signature of the Students

GAYATRI MOKASHI (108519441012)

Gayatri

TRIPTI TIWARI (108519441041)

Tripti Tiwari

SHAIK ASRA (108519441034)

Sh - Asra

DUMPALI DHARANI (108519441009)

D-Dharani

B. SIRISHA (108519441006)

B. Sirisha

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD-500 016 TELANGANA

CERTIFICATE

This is to certify that the project titled **SWACHCH ANTARIKSH** submitted to Commissioner of collegiate Education, Telangana, Hyderabad by the students **GAYATRI MOKASHI(108519441012), TRIPTI TIWARI(108519441041), SHAIK ASRA(108519441034), DUMPALI DHARANI(108519441009), B. SIRISHA(108519441006)** during the academic year 2021-22 under the guidance of mentor **Dr. Ch. Kanchana Latha**, Assistant Professor of Physics Department, Government Degree College, Begumpet, Hyderabad.


Signature of Head Organization / Institution

Name and Designation:

**STUDENTS FINAL REPORT OF RESEARCH PROJECT IN
ELECTRONICS**

A Study Research Project on

METAL DETECTOR

Submitted in the partial fulfillment of the requirement for the award of the
degree of

Bachelor of Science Degree (BSc)

By

S.SANJU	(108519441033)
S.POOJITHA	(108519441036)
R.SUHASINI	(108519441030)
B.GRACE	(108519441003)
B.SONIYA	(108519441007)
S.NAGALAXMI	(108519441035)

Under the esteemed guidance of

CH.KANCHANA LATHA

(Principal Mentor & Assistant Prof of Physics)



GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET.

Submitted to

COMMISSIONER OF COLLEGIATE EDUCATION, HYDERABAD-500016,

TELANGANA, INDIA.

JULY-2022

ACKNOWLEDGEMENT

we acknowledge the contributions of everyone who has played any part whatsoever in successful completion of project. We would like to thank our Principle Madam for giving us this opportunity. We are grateful to our guide DR. KANCHANA LATHA madam our Electronics faculty, for their continued guidance and an endless supply of support and letting us use the resources from the laboratories for the project. Lastly, we would like to thank our families and friends for unequivocal and loving support.

Verified
Srinu

GOVERNMENT DEGREE COLLEGE BEGUMPET,

HYDERABAD-500016, TELANGANA

DECLARATION

We here by declare that the Project titled **METAL DETECTOR** is a bonafied record of research work carried out by us under the guidance of mentor Dr.Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad-1 by the students

S. SANJU (108519441033),

S. POOJITHA (108519441036), R. SUHASINI(108519441030),


B. SONIYA (108519441007), B. GRACE (108519441003),

S. NAGALAXMI (108519441035)

During the academic year 2021-22

Place: Hyderabad

Date:


Signature of the mentor & faculty
Dr Kanchana Latha, Madam

Signature of the Students

S. Sanju	(108519441033)	S. Sanju
S. POOJITHA	(108519441036)	S. poojitha
R. SUHASINI	(108519441030)	R. suhasini
B. SONIYA	(108519441007)	B. soniya
B. GRACE	(108519441003)	B. grace
S. NAGALAXMI	(108519441035)	S. nagalaxmi

GOVERNMENT DEGREE COLLEGE BEGUMPET,

HYDERABAD-500016 TELANGANA

CERTIFICATE

This is to certify that the project titled **METAL DETECTOR** submitted to Commissioner of Collegiate Education, Telangana, Hyderabad by the students,

S. POOJITHA (108519441036)


R. SUHASINI (108519441030)

B. SONIYA (108519441007)

B. GRACE (108519441003)

S. NAGALAXMI (108519441035)

During the academic year 2021-22 under the guidance of mentor Dr. Ch. Kanchana Latha mam, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad.


Signature of Head Organization/Institution

Name and signature

STUDENTS FINAL REPORT OF RESEARCH PROJECT IN ELECTRONICS

A Study Research Project

WATER LEVEL INDICATOR ALARM USING TRANSISTORS

Submitted By

T.JAHNAVI (108519441014)

J.MOUNIKA (108519441015)

M.SANGEETHA (108519441023)

R.UMA BHARATHI (108519441031)

T.SWATHI (108519441037)

AND

CH. KANCHANA LATHA

PRINCIPAL MENTOR &ASST.PROF OF PHYSICS

GOVERNMENT DEGREE COLLEGE, BEGUMPET TELANGANA



Submitted to

**COMMISSIONER OF COLLEGIATE EDUCATION
HYDERABAD – 500 016, TELANGANA, INDIA**

July 2022

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD-500016, TELANGANA

DECLARATION

We hereby declare that the Project titled WATER LEVEL INDICATOR ALARM USING TRANSISTORS is a bonafide record of research work carried out by us under the guidance of mentor Dr.Ch.Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to commissioner of collegiate Education, Telangana Hyderabad -1 by the students

T.JAHNAVI(108519441014),J.MOUNIKA(108519441015),M.SANGEETHA(108519441023),R.UMABHARATHI(108519441031), T.SWATHI(108519441037) during the academic year 2021-22.



Signature of the Mentor & Faculty

Dr. Ch.Kanchana Latha

Place : Hyderabad

Signature of the Students

Date :

Name: T.JAHNAVI (108519441014) T. Jahnavee

J.MOUNIKA (108519441015) J. Mounika

M.SANGEETHA (108519441023) M. Sangeetha

R.UMA BHARATHI (108519441031) R. Umabhathathi

T.SWATHI (108519441037) T. Swathi

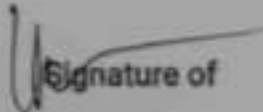
GOVERNMENT DEGREE COLLEGE BEGUMPET

HYDERABAD-500016 TELANGANA

CERTIFICATE

This is to certify that the project titled WATER LEVEL INDICATOR ALARM USING TRANSISTORS submitted to Commissioner of Collegiate Education, Telangana, Hyderabad

by the students T.JAHNAVI(108519441014), J.MOUNIKA(108519441015), M.SANG EETHA(108519441023), R.UMABHARATHI(108519441031), T.SWATHI(10851944 1037) during the academic year 2021-22 under the guidance of mentor Dr.Ch.Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad.

 Signature of

Head Organization/Institution

Name and Designation:-

STUDENTS FINAL REPORT OF RESEARCH PROJECT IN PHYSICS

A Study Research Project

PLANT MOISTURE MONITORING SYSTEM

Submitted By

Amukanti Swathi - (108519468004)

Meharunnisa-(108519468074)

M Faridha-(108519468075)

M Shilpa-(108519468070)

Shaik Afroz Sameena- (108519468108)

AND

CH. KANCHANA LATHA

PRINCIPAL MENTOR &ASST.PROF OF PHYSICS

GOVERNMENT DEGREE COLLEGE, BEGUMPET TELANGANA



Submitted to

COMMISSIONER OF COLLEGIATE EDUCATION

HYDERABAD- 500016,TELANGANA, INDIA

JULY 2022

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD-500016, TELANGANA.

Declaration

We hereby declare that the Project title PLANT MOISTURE MONITORING SYSTEM is a bonafied record of research work carried out by us under the guidance of mentor Dr.Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad-1 by the students Amukanti Swathi - (108519468004)

Meharunnisa-(108519468074)

M Faridha-(108519468075)

M Shilpa-(108519468070)

Shaik Afroz Sameena- (108519468108) the
academic year 2021-22


Signature of the Mentor & Faculty

Dr. Ch. Kanchana Latha Place :

Signature of the Students Date:

Hyderabad

Amukanti Swathi -(10851946804) - Amukanti Swathi
Meharunnisa-(108519468074) - Meharunnisa
M Faridha-(108519468075) - M Faridha
M Shilpa-(108519468070) - M. Shilpa
Shaik Afroz Sameena- (108519468108) -
Shaik Afroz Sameena

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD-500016 TELANGANA

CERTIFICATE

This is to certify that the project titled submitted to

Commissioner of Collegiate Education, Telangana,

Hyderabad by the students Amukanti Swathi - (108519468004), Meharunnisa-(108519468074), M Faridha-(108519468075), M Shilpa-(108519468070), Shaik Afroz Sameena- (108519468108)

during the academic year 2021-22 under the guidance of mentor Dr. Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad.

Signature of

Head Organization/Institution

Name and Designation:-

STUDENTS FINAL REPORT OF RESEARCH PROJECT IN ELECTRONICS

A Study Research Project

LASER BEAM SECURITY SYSTEM

Submitted By

A. DIVYA SRI SAIKA(108519474001),

K. SHIRISHA (108519474007),

M. NEMAVATHI (108519474009),

M. MEGHANA (108519474010),

N. GAYATHRI (108519474011)

AND

CH. KANCHANA LATHA

PRINCIPAL MENTOR &ASST.PROF OF PHYSICS

GOVERNMENT DEGREE COLLEGE, BEGUMPET TELANGANA



Submitted to


**COMMISSIONER OF COLLEGIATE
EDUCATION HYDERABAD – 500 016,
TELANGANA, INDIA**

July 2022

GOVERNMENT DEGREE COLLEGE BEGUMPET,
HYDERABAD-500016, TELANGANA

DECLARATION

We hereby declare that the Project titled **LASER BEAM SECURITY SYSTEM** is a bonafied record of research work carried out by us under the guidance of mentor Dr.Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad and submitted to Commissioner of Collegiate Education, Telangana, Hyderabad-1 by the students A. DIVYA SRI SAIKA (108519474001), K. SHIRISHA (108519474007), M. NEMAVATHI (108591474009), M.MEGHANA (108519474010), N. GAYATHRI (108519474011) during the academic year 2021-22


Signature of the Mentor & Faculty

Dr. Ch. Kanchana Latha

Place : Hyderabad

Signature of the Students

Date :

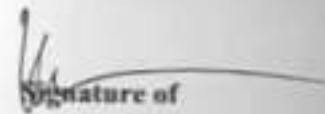
Name: A. DIVYA SRI SAIKA (108519474001), *A. Divya Sri Saika*
K. SHIRISHA (108519474007), *K. Shirisha*
M. NEMAVATHI (108519474009), *M. Nemavathi*
M. MEGHANA (108519474010), *M. Meghana*
N. GAYATHRI (108519474011), *N. Gayathri*

GOVERNMENT DEGREE COLLEGE BEGUMPET,

HYDERABAD-500016 TELANGANA

CERTIFICATE

This is to certify that the project titled **LASER BEAM SECURITY SYSTEM** submitted to Commissioner of Collegiate Education, Telangana, Hyderabad by the students **A. DIVYA SRI SAIKA (10851474001), K. SHIRISHA (108519474007), M. NEMAVATHI 108519474009), M. MEGHANA (108519474010), N. GAYATHRI (108519474011)** during the academic year 2021-22 under the guidance of mentor **Dr. Ch. Kanchana Latha, Assistant Professor of Physics & Faculty of Physics Department, Government Degree College, Begumpet, Hyderabad.**


Signature of

Head Organization/Institution

Name and Designation:-