

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF BOTANY

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2016-17	Various Diseases caused And Economics important of Bacteria	1.M Priyanka 2.C Laxmi 3.R Manikya 4.GThirupathamma 5.M Rajitha 6.Niranjan Bee	305114445516 305114445506 305114445501 305114445510 305114445507 305114445509	Bsc BZC 3 rd Year	V Shireesha

2	2016-17	WOOD yielding Plants	1.S Ganesh 2.J Rajendar	305115445511 305115445518	BZC II YEAR	M Madhan Mohan
3	2017-18	SUCCESSION OF SOME IMPORTANT HERBS IN KONDANAGULA,ACHAMPET ,NAGARKARNOOL (DIST)	1.P Rajitha 2.M Anitha 3.A Mounika 4.J Padma 5.G Narmada	305115445523 305115445507 305115445503 305115445508 305115445501	BSC BZC 2nd Year	V Shireesha
4	2017-18	Vermi compost	1.S GANESH 2.G SHIVA 3.M ANITHA 4.A MOUNIKA 5.J PADMA 6.P RAJITHA	305115445511 305115445516 305115445507 305115445503 305115445508 305115445523	BZC III YEAR	M Madhan Mohan
5	2018-19	Medicinal Plants Uses Of Amla and Neem	1.C Devi 2.G Lalitha 3.G Swapna 4.G Varalaxmi 5.M Anitha	18033051445001 18033051445505 18033051445507 18033051445511 18033051445513	BSC BZC 2nd Year	V Shireesha

6	2018-19	Study of Enivronmental science around the kondanagula	1.S KUMAR 2.V SHIREESHA 3.C DEVI 4.K KISHAN 5.G LALITHA 6.A KAVITHA	18033051445007 18033051445008 18033051445001 18033051445003 18033051445505 18033051445501	BSC BZC 1 st Year	V Shireesha
7	2019-20	Mushroom cultivation	1.B PREETHI 2.K RENUKA 3.P ANIL KUMAR 4.M NAGA JYOTHI 5.T RAMAKRISHNA	19033051445002 19033051445006 19033051445008 19033051445508 19033051445012	BSC BZC I Year	V Shireesha
8	2019-20	TIKKA DISEASE ON GROUND NUT	1.G VARA LAXMI 2.M NAGA JYOTHI 3.R ANJALI	19033051445502 19033051445508 19033051445515	BSC BZC I Year	V Shireesha

STUDENT'S STUDY PROJECT - I

2016

GROUP :- B2C IIIth Yr

No. of students :- 06

Name of the Project :- **Bacteria. Diseases & i**

Guide :- V. Shreeesha **Co. Imp.**

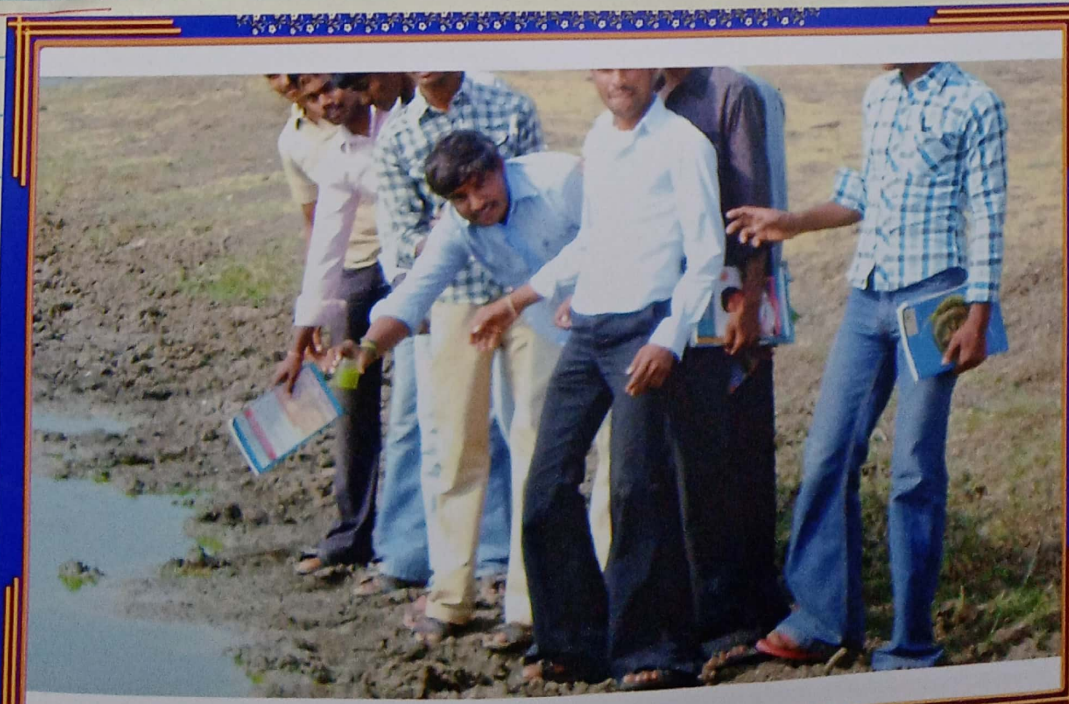
S.No	Name of the student	Signature	H.T.No
1)	M. Priyanka	M. Priya	3051-444-5506
2)	C. Laxmi	C. Laxmi	30514445506
3)	R. Manikya	R. Manikya	30514445501
4)	G. Thirupathamma	G. Thirupathamma	5510
5)	M. Rajitha	M. Rajitha	5507
6)	Nisanjan bee	Nisanjanbee	5509

[Signature]

LECTURER

[Signature]

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TELANGANA STATE



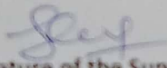
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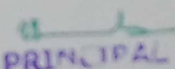
PROJECT WORK

ACADEMIC YEAR:2016-17

TITLE NAME: Various Diseases caused And Economics important of Bacteria

	Name of the students	Hallticket Numbers:	Group/Year
1	M Priyanka	305114445516	Bsc BZC III Year
2	C Laxmi	305114445506	Bsc BZC III Year
3	R Manikya	305114445501	Bsc BZC III Year
4	GThirupathamma	305114445510	Bsc BZC III Year
5	M Rajitha	305114445507	Bsc BZC III Year
6	Niranjan Bee	305114445509	Bsc BZC III Year


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29.9.16

GROUP :- B2C IIth Yr

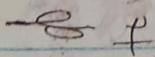
NO. of students :- 02

Name of the Project :- ^{woody} Medicinal plants

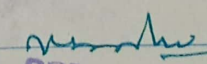
Guide :- V. Shreesha

Wood yielding plants

S.No	Name of the student	Signature / H.T.No.
1)	S. Ganesh	S. Ganesh - 305115445511.
2)	J. Rajender	J. Rajender 5518.



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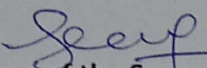
DEPARTMENT OF BOTANY

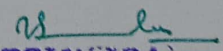
PROJECT WORK

ACADEMIC YEAR:2016-17

TITLE NAME: WOOD YIELDING PLANTS

	Name of the students	Hallticket Numbers:	Group/Year
1	S Ganesh	305115445511	Bsc BZC II Year
2	J Rajendar	305115445518	Bsc BZC II Year


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20-10-17

Group :- Bzc IIs

No. of students :- 05

Name of the Project :- ^{Imp- Herb.} ~~PLANTS~~ - PLANTS

Guide :- V. Shireesha

Topic :- Succession of some imp. plants Herbs in Kondanagula.

S.No	Name of the student	Signature/H.T.No.
1)	P. Rajitha	P. Rajitha = 305115445523
2)	M. Anitha	M. Anitha 5507
3)	A. Mounika	A. <u>Mounika</u> 5503
4)	J. Padma	J. padma 5508
5)	G. Narmadha	G. Narmada. 5501.

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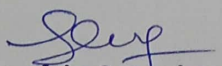
DEPARTMENT OF BOTANY

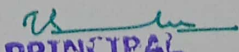
PROJECT WORK

ACADEMIC YEAR:2017-18

TITLE NAME:SUCCESSION OF SOME IMPORTANT HERBS IN KONDANAGULA,ACHAMPET,NAGARKARNOOL.

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	P Rajitha	305115445523	Bsc BZC II Year
2	M Anitha	305115445507	Bsc BZC II Year
3	A Mounika	305115445503	Bsc BZC II Year
4	J Padma	305115445508	Bsc BZC II Year
5	G Narmada	305115445501	Bsc BZC II Year


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24.11.17

Group :- B2E I37

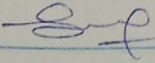
No. of students :- 05

Name of the project :- **Vermi compost**


Guide :- V. Shreeesha

Topic - Vermicompost.

S.No.	Name of the student	Signature	H.T.No.
1.	S. Ganesh	S. Ganesh	305115445511
2.	U. Shiva	U. Shiva	5516
3.	M. Anitha	M. Anitha	5507
4.)	A. Mounika	A. Mounika	5503
5)	J. Padma	J. Padma	5508
6)	P. Rasitha	P. Rasitha	5523.



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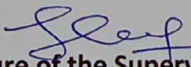
DEPARTMENT OF BOTANY

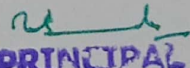
PROJECT WORK

ACADEMIC YEAR:2017-18

TITLE NAME: VERMI COMPOST

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	S GANESH	305115445511	Bsc BZC II Year
2	G SHIVA	305115445516	Bsc BZC II Year
3	M ANITHA	305115445507	Bsc BZC II Year
4	A MOUNIKA	305115445503	Bsc BZC II Year
5	J PADMA	305115445508	Bsc BZC II Year
6	P RAJITHA	305115445523	Bsc BZC II Year


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STUDENT'S STUDY PROJECT- I . 5.10.18

BRANCH :- BSc (BZC) Iyr

No. of students submitted :- 06

Name of the project :- "Study of Environmental Science"

Guide Teacher :- V. Shireesta.



Topic:- Study of Environmental Science

SNO	H-T-NO.	Name of the student	Signature
1)	1803-3051-445-007	S. Kumar	
2)	- 008	V. Shireesta	
3)	- 001	C. Devi	
4)	- 003	K. Kishan	
5)	- 505	Bt. Lalitha	
6)	- 501	A. Kavitha	

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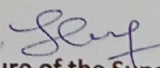
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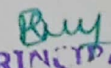
PROJECT WORK

ACADEMIC YEAR: 2018-2019.

TITLE NAME: Study of Environmental science around the kondanagula

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	G Varalaxmi	19033051445502	Bsc BZC I Year
2	M Naga jyothi	19033051445508	Bsc BZC I Year
3	R Anjali	19033051445515	Bsc BZC I Year


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STUDENT'S STUDY PROJECT - 2 5/3/19

Group :- BSc (Bot) II-year

No. of students submitted :- 05

Name of the Project :- Medicinal plants - uses

Guide Teacher :- V. Shreezha

S-no.	H.T.No.	Name of the student	Signature
1.	18033051445001	C. Devi	<i>[Signature]</i>
2.	- 505	Gr. Lalitha	Lalitha
3.	- 507	Gr. Swapna	<i>[Signature]</i>
4.	- 511	Gr. Varalakshmi	varalakshmi
5.	- 513	m. Anitha	Anitha

[Signature]
LECTURER

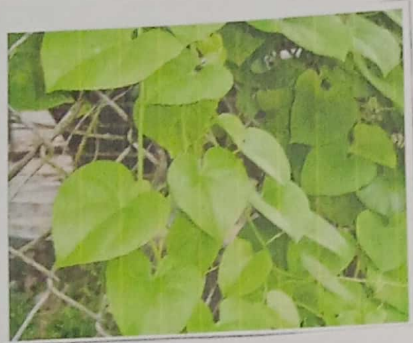
[Signature]
PRINIPAL
Uma Govt. College
MADANABALLA-509 011

తీవ్రత

నాస్తియనామం:- టీకాస్వేరా కార్మిస్థోలయా

సాధారణ నామం:- గుండూరి, గిలాయ

ఉపయోగపడే భాగం:- ఎండిన కాండం



టీకాస్వేరా మొక్కలు ఎక్కడాకీ, జిరుకొల్లు పొదలు. ఈ మొక్కల భారతదేశ సరిహద్దు, దీని సేవలకు ఉష్ణమండల ప్రాంతాలకు వస్తూనే ఉంటాయి. వేరూపం కాదు.

కాండం వున్నప్పుడు ఉండి, శిథిలాలు చుట్టూ పడి ఎగబాకుతుంది. వేరూపం వలన కూడా ఇటుకు వర్షం ఉంటుంది. ఎండకాలకు జీవం రొట్టెతుంది.

పుష్పాల పసుపు వర్షం వచ్చినప్పుడు ఉండి, పూలవంటి పుంజుకులకు నామస్త, అనిత్యత పుష్పాన్ని ఉంటాయి. ఫలాల సన్న పుంజుకుల వలన వున్న ఫలాల.

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DEPARTMENT OF BOTANY

PROJECT WORK

ACADEMIC YEAR:2018-19

TITLE NAME: Medicinal Plants Uses Of Amla and Neem

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	C Devi	18033051445001	Bsc BZC II Year
2	G Lalitha	18033051445505	Bsc BZC II Year
3	G Swapna	18033051445507	Bsc BZC II Year
4	G Varalaxmi	18033051445511	Bsc BZC II Year
5	M Anitha	18033051445513	Bsc BZC II Year

[Signature]
Signature of the Supervisor

[Signature]
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Group :- BSc (B2) IIV

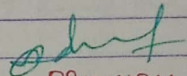
No. of students submitted :- 03

Name of the Project :- TIKKA Disease on groundnut

Guide Teacher :- V. Sireesha

SNO	HT NO.	Name of the student	Signature
1.	19033051 445-502	bi- vasalaxmi	VASALAXMI
2.	-508	M. nagasathie	M ₂
3.	-515	R. Anjali	An ₂

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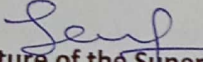
DEPARTMENT OF BOTANY

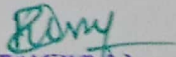
PROJECT WORK

ACADEMIC YEAR:2019-20

TITLE NAME: TIKKA DISEASE ON GROUND NUT

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	1.G VARA LAXMI	19033051445502	Bsc BZC I Year
2	2.M NAGA JYOTHI	19033051445508	Bsc BZC I Year
3	3.R ANJALI	19033051445515	Bsc BZC I Year


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* STUDENT STUDY PROJECT *

13-10-2019.13

Group:- B.sc. B.Zc - 1 year

No. of students :- 5.

Project topic:- mushroom cultivation.

Guid :- v.shireesha

S ^N	Hall Ticket number	Name of the student	Signature of the student
01	190 33051445002	B. preethi	B. preethi
02	5006	K. Renuka	K. Renuka
03	5008	P. Anil Kumar	P. Anil Kumar
04	5508	M. Naga Jyothi	M. Naga Jyothi
05	5012	T. Ramakrishna	T. Ramakrishna

Supervisor

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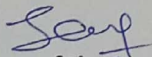
DEPARTMENT OF BOTANY


PROJECT WORK

ACADEMIC YEAR:2019-20

TITLE NAME: MUSHROOM CULTIVATION

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	B PREETHI	19033051445002	Bsc BZC I Year
2	K RENUKA	19033051445006	Bsc BZC I Year
3	P ANIL KUMAR	19033051445008	Bsc BZC I Year
4	M NAGA JYOTHI	19033051445508	Bsc BZC I Year
5	T RAMAKRISHNA	19033051445012	Bsc BZC I Year


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SUM GOVERNMENT DEGREE COLLEGE

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DEPARTMENT OF CHEMISTRY

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2016-17	Purification Process in Water Plant	1.C Kalyani 2.G Premalatha 3.V Priyanka	16033051445501 16033051445507 16033051445521	BZC 1 st Year	M Nagu
3	2017-18	Collection of Named Reaction in Organic Chemistry	1.A Mounika 2.G Narmada 3.J padma	305115441503 305115441501 305115441508	BZC 2 nd Year	M Nagu
4	2018-19	To Detect the Prasence of adultarance in sample of chilli powder ,turmeric Powder	1.Ch Lingamaiah 2.C Kalyani 3.G Premalatha 4.K Shiva	16033051445504 16033051445505 16033051445507 16033051445510	BZC 3 rd year	K Ravi kumar
6	2019-20	Determation of the contents of cold Drinks and its side effects	1.A Ganesh 2.N Sunitha 3.P Rajitha	17033051445501 17033051445502 17033051445517	BZC 3 rd Year	K Ravi kumar

2016-17 ✓

Name of the department : chemistry
 year of conducted : 2016-17
 Name of the project : purification process in water plant

Name of the students involved in study projects :

① C. Kalyani	B2c-Iyr	1603-305
② G. premalatha	B2c-Iyr	445-58
③ V. priyanka	B2c-Iyr	-52

As the part of student study project the department of chemistry has conducted project for the academic year 2016-17 on purification process in water plant. The main purpose of this project is to know how to purify the water & which type of chemicals are used to purify the water. It is used to aware the village people about purification process.

The details of study project filed separately

Sign of the lecturer

1. [Signature]

2. [Signature]

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TOPIC - WATER PLANT

Name of the students :=

Names :=

Roll NO :=

Group :=

C. Kalyani - ¹⁶⁰³⁻³⁰⁵¹⁻⁴⁴⁵ 505

G. premalatha - ¹⁶⁰³⁻³⁰⁵¹⁻⁴⁴⁵ 507

V. priyanka - ~~512~~ 521

¹⁶⁰³⁻³⁰⁵¹⁻⁴⁴⁵

B.sc (Bzc)

B.sc (Bzc)

B.sc (Bzc)



Name of the department : chemistry

year of conducted : 2017-18

Name of the project : collection of Named reactions in organic chemistry

Name of the students

		HT NO
Involved in study project :	① A. Mounika	BZE-Tyre- 3051-15-441 - 503
	② G. Narmada	-BZE-Tyre- - 501
	③ J. padma	BZE-Tyre- - 508

As the part of student study project the department of chemistry has conducted project for the academic year 2016-17 on collection of Named reactions in organic chemistry. The main purpose of this project is to know basic knowledge on organic chemistry as well as gain how to refer books specially organic chemistry.

The details of study project are filed in the separate document

Sign of the lecturer

1. [Signature]

2. [Signature]

[Signature]
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 Mahabubnagar (Dist)

SUM GOVT DEGREE COLLEGE

KONDANAGULA

PROJECT WORK

2017-2018

TOPIC :- NAME REACTIONS

SUBIT BY

BSC.(BZC) IIrd YEAR ALL GIRLS

A. mounika

G. Narmada

J. padma

17-18



(2018-19)

13

(PROJECT WORK)

①

To detect the presence of Adulterants in sample of chilli powder, Turmeric powder.

Requirements: Test tubes, conc. HCl, dil. HNO₃, KI-solution.

They are detected Adulteration of lead salts in chilli powder.

To a sample of chilli powder and dil. HNO₃ filter the solution and add 2-drops of KI solution to the filtrate.

Yellow ppt- observed (is formed)

∴ Yellow ppt- indicates the presence of lead salts in chilli powder.

②

To Detect the presence of sugar solution as adulterant in Honey.

Requirements:- cotton wick, match box.

procedure:- A cotton wick dipped in pure honey when lighted with a match stick burns and shows the purity of honey if adulterant the presence of water will not allow the honey to burn, burn if it does it will produce a crackling sound.

B.Sc.-IIIrd yr students (B2C/MPC)

SNO.	Name of the student	HT.NO
1. &	Ch. Lingamiah	16033051445504
2.	C. Kalyani	16033051445505
3.	G. Poornelatha	16033051445507
4.	K. Shiva.	16033051445510
5.	K. Saravani	16033051445512
6.	V. Prigana	16033051445519

sign of the list

K. [Signature]

[Signature]
PRINCIPAL

B.U.M. Govt. Degree College
WONDANAGULA - 509 001

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



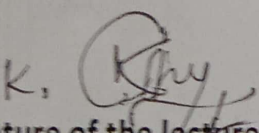
DEPARTMENT OF CHEMISTRY

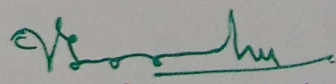
PROJECT WORK RECORD

ACADEMIC YEAR: 2018-19

TITLE NAME To Detect the presence of Adulterants in sample of chillipowder & turmeric powder

Name of the students	Hallticket Numbers:	Group/Year
1. CH. Lingammaiah	1603-3051-445-504	B.Sc - III yr BZC
2. C. Kalyani	1603-3051-445-505	III yr
3. G. Premalatha	1603-3051-445-507	III yr
4. K. Shiva	1603-3051-445-510	III yr
5. K. Sravani	1603-3051-445-512	III yr


Signature of the lecturer


signature of the Principal
S.U.M. Govt Degree College
KONDANAGULA - 509 101

ON

DETERMINATION OF THE CONTENTS OF COLD DRINKS & IT'S SIDE EFFECTS

Aim:- Comparative study and Qualitative analysis of different brands of cold drinks available in market and it's side effects

Apparatus:- Test tube, Test tube holder, Test tube stand, stop watch, Beaker, Burner, pH-paper, Tripod stand, china dish, wire gauge, Water bath,

Chemicals required:- Iodine solution, KI, NaOH, Fehling's A & B solution, conc HNO_3 , Benedict's solⁿ, Ammonium molybdate.

f) Detection of pH:-

Experiment:- Small samples of cold drinks of different brands were taken in a test tube and put on the pH-paper. The change in the colour of pH-paper was noticed and was compared with the standard pH-scale.

Observation:-

<u>SNO.</u>	<u>Name of the Drink</u>	<u>Colour change</u>	<u>pH-value</u>
1.	Coca cola	pinkish	2-3
2.	sprite	Dark orange	3
3.	limca	light orange	4
4.	Fanta	Orange	3-4

Inference:-

Soft drinks are generally acidic because of the presence of citric acid and phosphoric acid. pH-values of cold drink of different brands are different due to the variation in amount of acidic content.

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



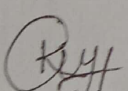
DEPARTMENT OF CHEMISTRY

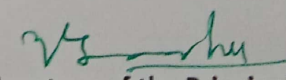
PROJECT WORK RECORD

ACADEMIC YEAR: 2019-20

TITLE NAME DETERMINATION OF THE CONTENTS OF COLD DRINKS & IT'S SIDE EFFECTS

Name of the students	Hallticket Numbers:	Group/Year
1. A. Ganesh	1703-3051-445501	B.Sc-III-BZE
2. N. Sumitha	1703-3051-445502	B.Sc-III-BZE
3. P. Rajitha	1703-3051-445517	B.Sc-III-BZE
4.		
5.		


Signature of the lecturer


signature of the Principal
PRINCIPAL
S.U.M. Govt Degree College
KONDANAGULA - 509 001

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF COMMERCE

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2017-18	Performance Evaluation of Girijan Co-operative Corporation in Mahabubnagar Dist.	1.E mounika 2.GAnjaneyulu 3.J Shiva 4.K Aravind 5.G Nagalaxmi	3051-15-401-501 3051-15-401-507 3051-15-401-518 3051-15-401-519 3051-15-401-504	B COM 3 rd year B COM 3 rd year B COM 3 rd year B COM 3 rd year B COM 3 rd year	U Shiva kumar
2	2018-19	Consumer Behavior on Retailing Stores In Nagarkarnool Dist	MD Salman K Srikanth K Karthik G Nagaraju K Rama Krishna	16033051401514 16033051401510 16033051401509 16033051401505 16033051401507	BCOM 3 rd Year	U Shiva kumar
3	2019-20	New Rural Entrepreneurs & Startups	M.Shiva G Laxmi Prasana R Vinay B Ajay M Sukumar	18033051405004 18033051405001 17033051402025 17033051402027 18033051405005	BCOM 3 rd Year	A Neeraja



STUDENT STUDY PROJECT SELECTED STATE LEVEL -2018-19



STUDENT STUDY PROJECT SELECTED STATE LEVEL



STUDENT STUDY PROJECT SELECTED STATE LEVEL



Jignasa Student Study Project I

2017-18

Department of Commerce:

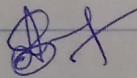
A. Student Study project conducted by B.com
III year students - on - 2017-18 academic year.

Group: B.com IIIrd year

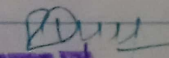
Under supervision: U. Shiva Kumar - B.C. in Commerce

Topic: Performance Evaluation of Guntur Co-operative Corporation in Mahabubnagar

S.No	H.T.No.	Student Name	Signature
1	3051-15-401-501	E. Hounilap	Mounilap
2	3051-15-401-504	G. Nagarajane	Nagarajane
3	3051-15-401-507	G. Anjaneyulu	Anjaneyulu
4	3051-15-401-518	J. Shiva	Shiva
5	3051-15-401-519	K. Anand	Anand.

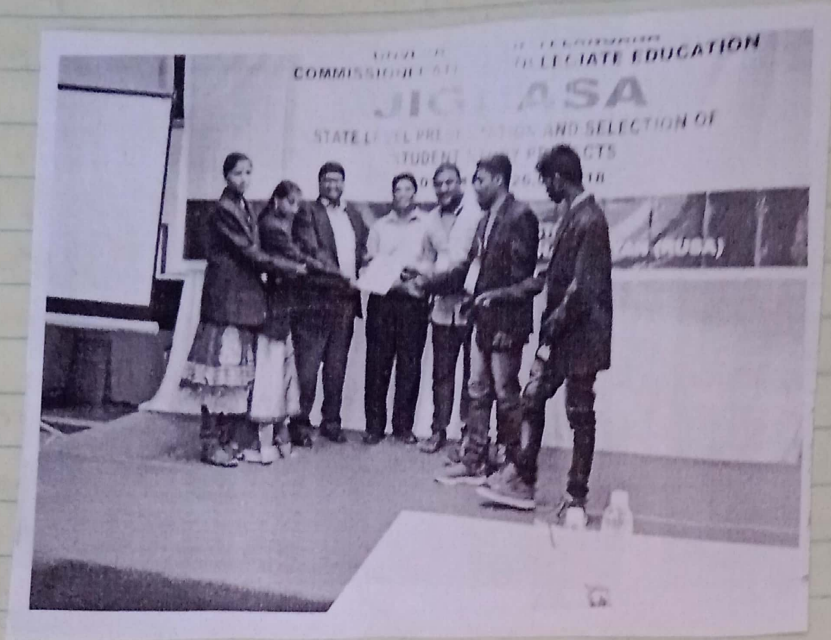


U. Shiva Kumar


Principal
Sri Govt Degree College
SUNDANAGULA-509 001

2 Student Study Project

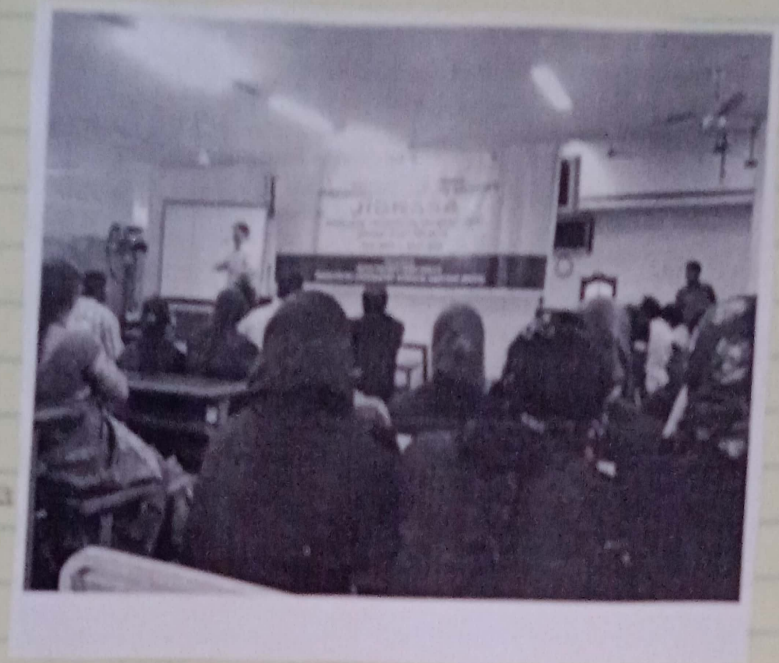
2017 - 2018



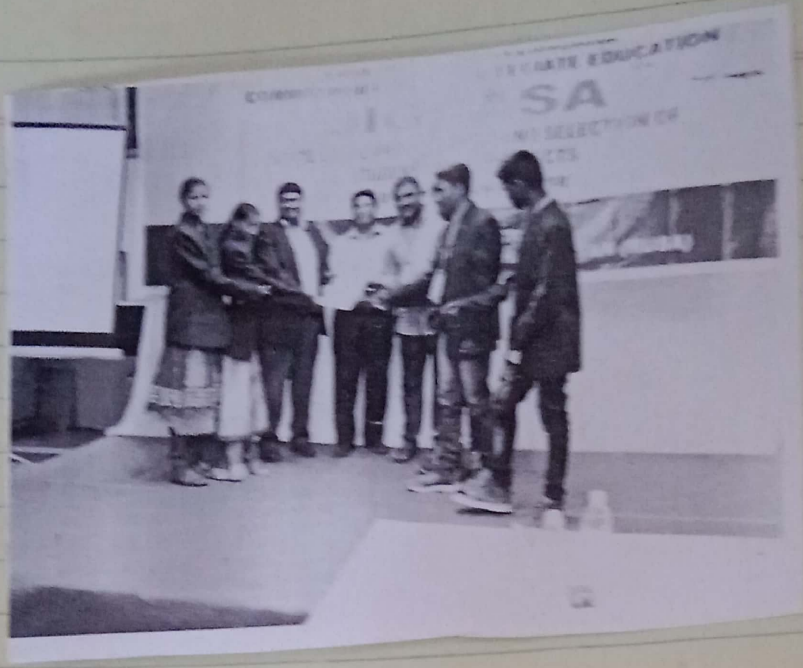
Handwritten signature in green ink

PRINCIPAL
Jam Govt Degree College
JONDANAGWLA-509 681

Register. Department of Commerce



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FUTURE
Govt Degree College
MIRJAPUR-500 001

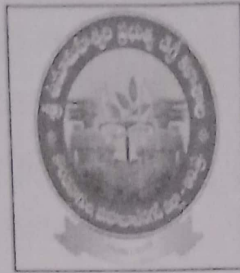


Principals
PRINCIPALS
Shri Gopi Degree College
BONDALAGULLA-500 401



PRINCIPAL
Sri Govt Degree College
KANDHAGUDA-500 401

A Project Work
on
Performance Evaluation of Girijan Co-operative
Corporation
in Mahaboobnagar dist:



By

E. MOUNIKA
G. ANJANEYULU
J. SHIVA
K. ARAVIND
G. NAGALAXMI

Under the supervision of
U. SHIVAKUMAR
Lect in Commerce

SUM GOVT DEGREE COLLEGE
KONDANAGULA
NAGARKURNOOL DIST.

Student Study project Register.

Department of Commerce.

9

2018-19

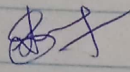
A Student Study project conducted by B.com III
year Students.

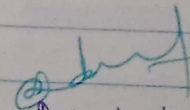
Group - B.com - IIIrd year

Under supervision :- U. Shiva Kumar - B.A. in Commerce

Topic :- Consumer behaviour on Retailing Stores.

S.No.	H.P.No.	Student Name	Signature
1	16033051401505	G. Nagaraju	G. Nagaraju
2	16033051401507	K. Ramakrishna	K. Ramakrishna
3	16033051401509	K. Karthik	Karthik
4	16033051401510	K. Srikanth	Srikanth
5	16033051401514	H.D. Salman	Salman


Lecturer


Principal
Govt Degree College
SUNDHAGOLA-500 001

A
PROJECT REPORT
ON
CONSUMER BEHAVIOR ON RETAILING STORES IN
NAGARKURNOOL DISTRICT

As part of " JIGNASA STUDENT STUDY PROJECT"
(2018-19)



By

MD SALMAN
K.SRIKANTH
K.KARTHIK
G.NAGARAJU
K.RAMAKRISHNA

Under the Supervision of
U.SHIVAKUMAR
(Lect. In Commerce)
DEPARTMENT OF COMMERCE

S.U.M.GOVT.DEGREE COLLEGE,
KONDANAGULA,
NAGARKURNOOL DIST.

Student Study Project Register.

Department of Commerce.

13

2019-2020

A Student Study Project conducted by B.com -
- Students on - 2019-20 academic year

Group:- B.com

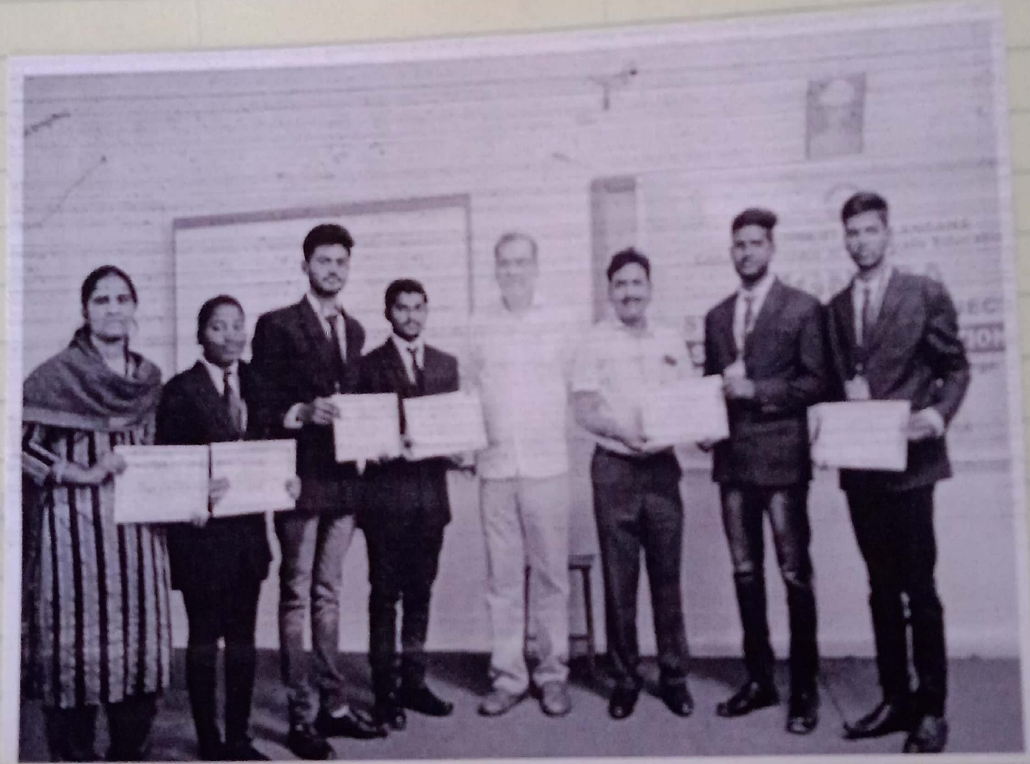
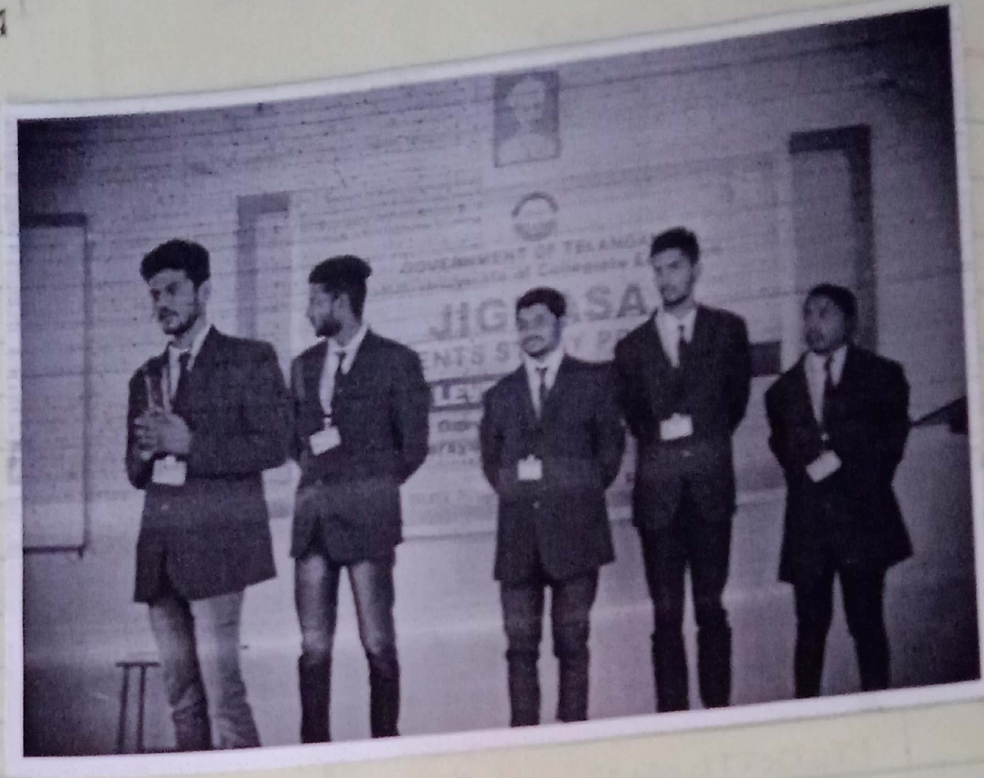
Under Supervision : A. Neeraja - Lec. in Commerce

Topic:- New Rural Entrepreneurs & Startups.

S.No	H.T.No.	Student Name	Signature
1	18033051405004	M. Shiva	Shiva
2	18033051405001	G. Laxmi prabha	Prabha
3	17033051402025	R. Vinay	Vinay
4	17033051402027	B. Ajay	Ajay
5	18033051405005	M. Subhman	Subhman

(Signature)
Lecturer

(Signature)
Principal,
Sree Govt Degree College
TANDANAGUDA-592 01





A
PROJECT REPORT
ON
NEW RURAL ENTREPRENEURS & STARTUPS

As part of "JIGNASA STUDENT STUDY PROJECT"
(2019-20)



DEPARTMENT OF COMMERCE
S.U.M.GOV.T.DEGREE COLLEGE,
KONDANAGULA, NAGARKURNOOL DIST.

UNDER THE SUPERVISION OF

A.NEERAJA
(Lect. in commerce)

This is to certify that B.Com students done the BUNASA STUDENT STUDY PROJECT
on "NEW RURAL ENTREPRENEURS & STARTUPS", For the academic year
2018-20.

1. M. Shiva (18033051405004)
2. G. Laxmi Prasanna (18033051405001)
3. R. Vinay(17033051402025)
4. S. Ajay (17033051402027)
5. M. Sukumar(18033051405005)

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF COMPUTER SCIENCE

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2019-20	Cloud computing	1.G Laxmi prasana 2.M Shiva 3.R Vinay 4.B Ajay 5.M Sukumar	18033051405001 18033051405004 17033051405001 17033051402025 18033051405005	B COM	Revathi

Student study project

2019-20.

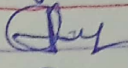
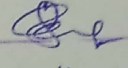
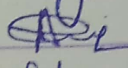
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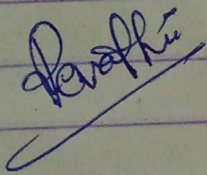
A student study project conducted by B.com students on 2019-20 academic year.

Group : B.com

Under supervision: Revathi

Topic : cloud computing

S.No	H.T. NO	Studentname	Signature
1	18033051405001	G. Laxmi prakasa	
2	18033051405004	M. Shiva	
3	17033051405001	R. Vinay	Vinay
4	17033051402025	B. Ajay	
5	18033051405005	M. Sukmar	Sukmar



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SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE
KONDANAGULA ,NAGARKARNOL (DIST)
TELANGANA STATE



DEPARTMENT OF COMPUTER SCIENCE
PROJECT WORK RECORD
ACADEMIC YEAR:2019-20

TITLE NAME: CLOUD COMPUTING

S.NO	NAME OF THE STUDENT	U.T NO	GROUP/YEAR
1	G LAXMI PRASANA	17033051405001	BCOM II YEAR
2	M SHIVA	18033051405004	BCOM II YEAR
3	R VINAY	17033051405001	BCOM II YEAR
4	B AJAY	17033051405025	BCOM II YEAR
5	M SUKMAR	18033051405005	BCOM II YEAR

Signature of the lecturer

for
Prin
PRINCIPAL
S.U.M. Govt Degree College
KONDANAGULA - 508 101
Signature of the Principal

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF ECONOMICS

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2016-17	DEMONITIZATION IN INDIA	1.K BALA MANI 2.M JYOTHI 3.B VARALAXMI 4.E RUKMINI 5.K MAHESWARI 6.B JAYANNA 7.M MOUNIKA 8.B PUSPHA 9.B SWATHI	301515111512 301515111509 301515111504 301515111552 301515111505 301515111530 301515111510 301515111514 301515111502	BA EPP	A VENKANNA
2	2017-18	MINOR IRRIGATION PROJECTS	1.B VARALAXMI 2.E RUKMINI 3.K MAHESWARI 4.M MOUNIKA	301515111504 301515111552 301515111505 301515111514 30151111502	BA EPP 3 RD YEAR	A VENKANNA

			5.B SWATHI			
3	2017-18	POVERTY IN INDIA	1. A HARITHA 2. G BHARATHI 3. G NAVEEN GOUD 4. G ANJANEYULU GOUD 5. K ANITHA	16033051111503 16033051111514 16033051111515 16033051111513 16033051111524	BA EPP 2ND YEAR	A VENKANNA
4	2018-19	FARMERS SUCIDES IN INDIA	1.M RAJITHA 2.M MANJULA 3.M SHAILAJA 4.O NARSIMHA 5.K RAMESH	16033051111534 16033051111533 16033051111541 16033051111546 16033051111525	BA EPP 3RD YEAR	RAVI PARANGI
5	2018-19	RAITHU WELFARE SCHEMES IN TELANGANA STATE	1.G JYOTHI 2.G BHASKAR 3.RIZVANA BEGUM 4.MD FAYAZ 5.P RAMESH	17033051111507 17033051111509 17033051111534 17033051111522 17033051111530	BA EPP 2ND YEAR	RAVI PARANGI
6	2018-19	AGRICULTURAL MARKETTING IN INDIA	1.B SHIREESHA 2.M KAVITHA 3.K SANDEEP 4.M SAIBABU 5. K LINGA SWAMY	18033051111503 18033051111517 18033051111514 18033051111516 18033051111511	BA EPP 1ST YEAR	RAVI PARANGI

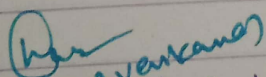
7	2019-20	ROLE OF AGRICULTURE IN INDIA	1.G JYOTHI 2.G BHASKAR 3.RIZVANA BEGUM 4.U POOJITHA 5.U ANITHA	17033051111507 17033051111509 17033051111534 17033051111538 17033051111539	BA EPP 3 RD YEAR	RAVI PARANGI
8	2019-20	FOOD SECURITY	1.G SHIVALEELA 2.K GOURAMMA 3.M HANUMANTHU	17033051129001 17033051129002 17033051129007	BA HEP 3 RD YEAR	SHANKARAI AH

SUM GDC KONDANAGULA
Department of Economics

Student study project (2016-17)

1. Name of the group:- BA EPP- III year
2. Name of the project:- Demonitization in India
3. No of students Involved:- 09
4. Name of the Guide Teacher:- A. Venkanna
5. Report :- Submitted

SNO	HTNO	Name	Group	Topic	Signature
1	305515111512	K. Balamani	BA III year	DEMONITIZATION IN INDIA	Balamani
2	301515111-509	M. Jyothi	"		M. Jyothi
3	3015-15-111-504	B. Varalaxmi	"		Varalaxmi
4	3015-15-111-552	E. Rukmini	"		Rukmini
5	3015-15-111-505	K. Maheshwari	"		Maheshwari
6	3015-15-111-530	B. Jayanna	"		Jayanna
7	3015-15-111-510	M. Mounika	"		Mounika
8	3015-15-111-514	B. Puspha	"		Puspha
9	3015-15-111-502	B. Swathi	"		Swathi
10					


Signature of the lecturer

PRINCIPAL
S.U.M Govt. Degree College
Kondanagula - 509401
Dist. Nagarkurnool.

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF ECONOMICS

PROJECT WORK RECORD

ACADEMIC YEAR:2016-17

TITLE NAME: DEMONITIZATION IN INDIA

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	K BALA MANI	301515111512	BA EPP III YEAR
2	M JYOTHI	301515111509	BA EPP III YEAR
3	B VARALAXMI	301515111504	BA EPP III YEAR
4	E RUKMINI	301515111552	BA EPP III YEAR
5	K MAHESWARI	301515111505	BA EPP III YEAR
6	B JAYANNA	301515111530	BA EPP III YEAR
7	M MOUNIKA	301515111510	BA EPP III YEAR
8	B PUSPHA	301515111514	BA EPP III YEAR
9	B SWATHI	301515111502	BA EPP III YEAR

Signature of the lecturer

signature of the Principal
PRINCIPAL

S.U.M. Govt. Degree College
KONDANAGULA - 509 101

SUMQDC KONDANAGULA

Department of Economics

Student study project work Record.
[2017-18]

1. Name of the group:- BA EPP II year

2. No of students involved:- 05

3. Name of the project:- POVERTY IN INDIA

4. Name of the Guide/Teacher:- A Venkanna

5. Report :- submitted

SNO	HTNO	Name of the student	Group/Year	Signature
01	1603-3051-111-503	A. Haritha	BA EPP II	Haritha
02	1603-3051-111-514	G. Bharathi	"	Bharathi
03	1603-3051-111-515	G. Naveen Goud	"	Naveen Goud
04	1603-3051-111-513	G. Anjaneyulu Goud	"	Anjaneyulu
05	1603-3051-111-524	K. Anitha	"	Anitha

(A Venkanna)
Lecturer

PRINCIPAL
S.U.M Govt. Degree College
Kondanagula - 709401
Dist. Nagarkurnool.

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF ECONOMICS

PROJECT WORK RECORD

ACADEMIC YEAR:2017-18

TITLE NAME: POVERTY IN INDIA

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	A HARITHA	16033051111503	BA EPP II YEAR
2	G BHARATHI	16033051111514	BA EPP II YEAR
3	G NAVEEN GOUD	16033051111515	BA EPP II YEAR
4	G ANJANEYULU GOUD	16033051111513	BA EPP II YEAR
5	K ANITHA	16033051111524	BA EPP II YEAR

Signature of the lecturer

signature of the Principal
PRINCIPAL

S.U.M. Govt. Degree College
KONDANAGULA - 509 101

SJM Govt Degree College Kandanavula
student study project
Department of Economics 2015-16

1. Name of the group :- BA EPP III year
2. no of students involved :- 05
3. Name of the project :- Irrigation projects
4. Name of the Guide / teacher :- A Venkanna
5. Report :- submitted

SNO	HT NO	Name of the student	group/ year	Signature
1	2015-15-11-509	B. Venkanna	Group II	venkanna
2	2015-15-11-512	K. Ramesh	"	Ramesh
3	2015-15-11-508	K. Maheshwari	"	maheshwari
4	2015-15-11-514	M. Manika	"	manika
5	2015-15-11-505	B. Swathi	"	swathi

(Signature)

(Signature)
A. Venkanna
Department of Economics
SJM Govt Degree College
Kandanavula

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE




DEPARTMENT OF ECONOMICS


PROJECT WORK RECORD

ACADEMIC YEAR:2017-18

TITLE NAME: MINOR IRRIGATION PROJECTS

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	B VARALAXMI	301515111504	BA EPP III YEAR
2	E RUKMINI	301515111552	BA EPP III YEAR
3	K MAHESWARI	301515111505	BA EPP III YEAR
4	M MOUNIKA	301515111514	BA EPP III YEAR
5	B SWATHI	30151111502	BA EPP III YEAR


Signature of the lecturer


signature of the Principal
PRINCIPAL
S.U.M. Govt. Degree College
KONDANAGULA - 509 001

SUM GDC Kondanagula

Department of Economics

7

Student study project.

2018-19.

1. Name of the group:- BA. EPP. II. year

2. No of students Involved:- 05

3. Name of the project topic:- Raithu welfare schemes
in Telangana state

4 Name of the Guide/Teacher Ravi parangi

5. Report :- submitted.

SNO	H.T NO	Name of the student	Group/ year	Signature
01	3051-3051-111-507	G Jyothi	BA. EPP. II	Jyothi
			"	
02	1703-3051-111-509	G. Bhaskar	"	G. Bhaskar
			"	
03	1703-3051-111-524	Rizvana Begum	"	Rizvana Begum
			"	
04	1703-3051-111-522	MD. Fayaz	"	Fayaz
			"	
05	1703-3051-111-530	P. Ramesh	"	Ramesh

P. Ramesh

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TELANGANA STATE



DEPARTMENT OF ECONOMICS

PROJECT WORK RECORD

ACADEMIC YEAR: 2018-19

TITLE NAME: RAITHU WELFARE SCHEMES IN TELANGANA STATE

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	G. POTHU	17033051111507	BA EPP II YEAR
2	G. BHASKAR	17033051111509	BA EPP II YEAR
3	BEVANA BEGUM	17033051111534	BA EPP II YEAR
4	M. FATAZ	17033051111522	BA EPP II YEAR
5	P. HANESH	17033051111530	BA EPP II YEAR

Signature of the student

Signature of the teacher
P. U. M. Govt. Degree College
KONDANAGULA - 509 501
NAGARKARNOOL (DIST) - TELANGANA STATE

SUM Govt Degree College Kondanagula
Department of Economics

Student study project-

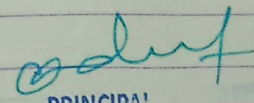
9

Academic year-2018-19

1. Name of the Group/year:- BA EPP-III year
2. No of students Involved:- 05
3. Name of the project topic:- Farmers Suicides in India.
4. Name of the Guide/Teacher:- Raviporangi
5. Report :- submitted

SNO	HT NO	Name of the student	TOPIC	Signature
01	1603-3051-111-534	M. Rajitha	FARMERS SUICIDES IN INDIA	Rajitha
02	" 533	M. Manjula		Manjula
03	" 541	M. Sailas		Sailas
04	" 546	O. Narsimha		O. Narsimha
05	" 525	K. Ramesh		Ramesh

~~P. Revathi~~


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Dist. Nagarkurnool.

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TELANGANA STATE



DEPARTMENT OF ECONOMICS

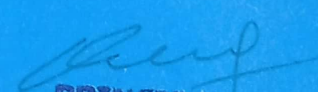
PROJECT WORK RECORD

ACADEMIC YEAR: 2018-19

TITLE NAME: FARMERS SUCIDES IN INDIA

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	M RAJITHA	16033051111534	BA EPP III YEAR
2	M MANJULA	16033051111533	BA EPP III YEAR
3	M SHAILAJA	16033051111541	BA EPP III YEAR
4	O NARSIMHA	16033051111546	BA EPP III YEAR
5	K RAMESH	16033051111525	BA EPP III YEAR


Signature of the lecturer

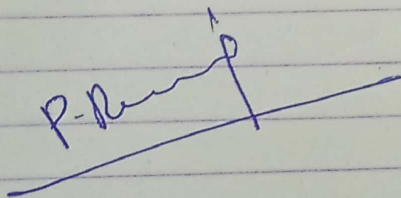

PRINCIPAL
Signature of the Principal
SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE
KONDANAGULA - 509 001

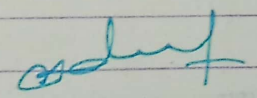
SUM Govt Degree College Kondanagula
Department of Economics

Student Study project - 2018-1911

1. Name of the Group :- BA-I year (EPP)
2. NO of students Involved :- 05
3. Name of the project TOPIC :- Agricultural Marketing
in India
4. Name of the Guide/Teacher :- P Ravi
5. Report :- Submitted

SNO	HT NO	Name of the Student	Topic	Signature
01	1803-3051-III-503	B. Shireesh	Agricultural Marketing in India	Shireesh
02	1803-3051-III-517	M. Kavitha		Kavitha
03	1803-3051-III-514	K. Sandeep		Sandeep
04	1803-309-III 516	M. Saibaby		Saibaby
05	1803-3051-III-511	K. Lingaswamy		Lingaswamy


P. Ravi


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TELANGANA STATE



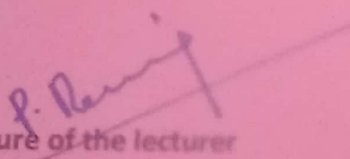
DEPARTMENT OF ECONOMICS

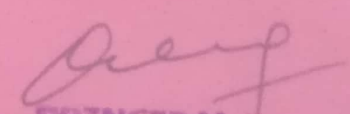
PROJECT WORK RECORD

ACADEMIC YEAR:2018-19

TITLE NAME: AGRICULTURAL MARKETTING IN INDIA

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	B SHIREESHA	18033051111503	BA EPP I YEAR
2	M KAVITHA	18033051111517	BA EPP I YEAR
3	K SANDEEP	18033051111514	BA EPP I YEAR
4	M SAIBABU	18033051111516	BA EPP I YEAR
5	K LINGA SWAMY	18033051111511	BA EPP I YEAR


Signature of the lecturer


PRINCIPAL
signature of the Principal
KONDANAGULA - 509

SUM Govt Degree College, Kondanagula
Department of Economics - 13

Student Study project - 2019-20

1. Name of the Group/year: BA III (EPR) year

2. NO of Students Involved: 05

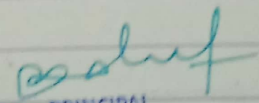
3. Name of the project TOPIC: Role of Agriculture in India

4. Name of the Guide/Teacher: P. Shankaraih

5. Report + Submitted

SNO	HT NO	Name of the student	Topic	Signature
01	1703-3051-III-507	G Jyothi	Role of Agriculture in India	Jyothi
02	1703-3051-III-509	G Bhaskar		Bhaskar
03	" 514	Rizvana Begum		Rizvana Begum
04	" 538	U. Poojitha		Poojitha
05	" 539	U Anitha		Anitha

P. Shankaraih



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Dist. Nagarkurnool.

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KONDANAGULA, NAGARKARNOOL (DIST)

TELANGANA STATE



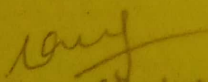
DEPARTMENT OF ECONOMICS

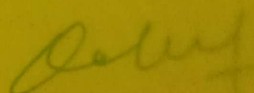
PROJECT WORK RECORD

ACADEMIC YEAR: 2019-20

TITLE NAME: ROLE OF AGRICULTURE IN INDIA

S.NO	Name of the students	Hallticket Numbers:	Group/Year
1	G JYOTHI	17033051111507	BA EPP III YEAR
2	G BHASKAR	17033051111509	BA EPP III YEAR
3	RIZVANA BEGUM	17033051111534	BA EPP III YEAR
4	U POOJITHA	17033051111538	BA EPP III YEAR
5	U ANITHA	17033051111539	BA EPP III YEAR


Signature of the lecturer


PRINCIPAL
signature of the Principal
KONDANAGULA

SUM Govt Degree College Kondanagula
Department of Economics
Student study project - 2019-2020

1. Name of the Group:- **BA HEP-III year**
2. NO of Students Involved:- **03**
3. Name of the project topic:- **FOOD SECURITY**
4. Name of the Guide/Teacher:- **P. Shankaraiah**
5. Report :- **Submitted**

SNO	HTNO	Name of the Student	TOPIC	Signature
01	1703-3051-129 001	G. Shivalada	Food Security	G. Shivalada
02	1703-3051-129 002	K. Goutamma		Goutamma
03	1703-3051 129-007	M. Hanumathu		M. Hanumathu

P. Shankaraiah

[Signature]

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Dist. Nagarkurnool.

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA, NAGARKARNOOL (DIST)

TELANGANA STATE



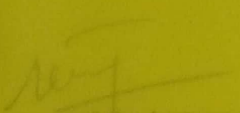
DEPARTMENT OF ECONOMICS

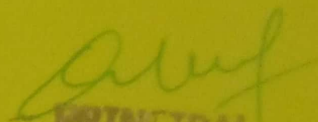
PROJECT WORK RECORD

ACADEMIC YEAR: 2019-20

TITLE NAME: FOOD SECURITY

S. NO	Name of the students	Hallticket Numbers:	Group/Year
1	G SHIVALEELA	17033051129001	BA EPP III YEAR
2	K GOURAMMA	17033051129002	BA EPP III YEAR
3	M HANUMANTHU	17033051129007	BA EPP III YEAR


Signature of the lecturer


PRINCIPAL
Signature of the Principal
KONDANAGULA - 509 001

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF ENGLISH

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2016-17	Types of Interviews	1.E Krishna 2.Janiki Ram 3.Manikanta chari 4.J Chandulal	305113111516 305113111517 305113111522 305113111532	BSC 2 nd Year	Nikhath Fatima
2	2017-18	Importance of Neem Tree	1.Mounika 2.Niranjan bee 3.Thirupathamma 4.C Sandya 5.Priyanka 6.P Padma	305113111501 305113111509 305113111510 305113111512 305113111516 305113111519	BZC 1 st Year	Nikhath Fatima
3	2018-19	How to protect From AIDS	1.E Preethi 2.M Jyothi 3.B Kavitha 4.Nagalaxmi	305113111501 305113111503 305113111507 305113111502	BSC 2 nd Year	Nikhath Fatima




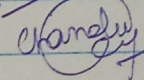

4	2019-20	Telangana Haritha Haram	1.C Ganesh 2.C Gouri 3.D Bhargavi 4.G Anjali	18033051441002 18033051441003 18033051441004 18033051441005	BSC 2 nd Year	K Gopal
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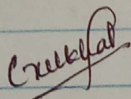
Student's Study Project

41

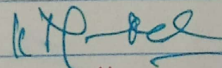
2016-2017

Topic! - Types of Interviews
Group! - BSc - II
Guided by! - Nikhal Talima
Presented by! - Chandulal of Group.

S.NO	H-T NO	Name of the students	signature
1	3051-15-445516	E. Krishna	
2	-517	Jauaki ram.	
3	-522	Manikanta Chary	
4	-532	J. Chandulal	
	-509	N. Maheshwari	



Lecturer's signature.



Principal's signature

PRIN. PAK
S.U.W. Coll. Durgam Village
ONDANAGUDA - 500 101

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE
KONDANAGULA, MAGARKARNOOL (DIST)
TELANGANA STATE



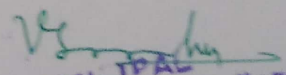
DEPARTMENT OF ENGLISH

PROJECT WORK RECORD

ACADEMIC YEAR:

TITLE NAME	2016-2017
<u>Types of Interviews</u>	
Name of the students	Group/Year
1. E. Krishna	B.S.C-II
2. Janaki Ram	B.S.C-II
3. Manikanta Chary	B.S.C-II
4. J. Chandulal	B.S.C-II
5. N. Maheshwari	B.S.C-II

Nikhat Fatima
Signature of the lecturer


Principal
Sri Uma Maheswari Government Degree College
Kondanagula - 509 401
Magarkarnool (Dist) - Telangana State

Student's Study Project


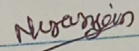


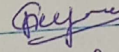
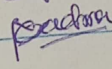
2017-2018

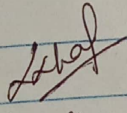
Topic :- Importance of Neem tree

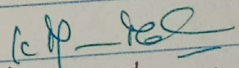
Group :- BZC - I

Guided by :- Nikhal Fatima

Presented by :- Priyanka & Group

S.No	H.T. No	Name of the student	Signature
1	1703305145-501	Mawika moonika	
2	509	Niranjana Bee	
3	510	Thirupatamma	
4	512	C. sandhya	
5	-516	Priyanka	
6	-519	P. padma.	


Lecturer's sign


Principal's sign
A.U.M. Govt. Degree College
JONDANAGULA - 509 101

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA, NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF ENGLISH

PROJECT WORK RECORD

ACADEMIC YEAR:

TITLE NAME Importance of Neem tree

2017-2018

Name of the students

Roll Number:

Group/Year

1. Mounika	17033051445-501	Bac-I
2. Nirayan Bee	17033051445-509	Bac-I
3. Thirupatamma	17033051445-510	Bac-I
4. C. Sandhya	17033051445-512	Bac-I
5. Priyanka	17033051445-516	Bac-I

Nikhat Fatima
Signature of the lecturer

Signature of the Principal
Sri Uma Maheswari Government Degree College
KONDANAGULA - 509 401

Student's study project

2018-2019

Topic :- How to protect from AIDS

Group :- Bsc - II (Bde) - II

Guided by :- Nikhat Fatima

Presented by :- Yasmeen of group.

16033051441

S. NO.	H.T. NO.	Name of the student	Signature
1	- 501	E. preethi	
2	- 502	N. Jyothi	
3	- 503	B. kavitha	
4	- 507	G. Nagavinalini	
5	- 508	R. Ramadevi	
6	- 509	V. Gayathri	
7	- 511	Yasmeen	

Lecturer's signature

Principal's sign

PRINCIPAL
O.U.M. Govt Degree College
JONDANAGULA - 509 101
Nizampet, N.T. Dist.

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA, NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF ENGLISH

PROJECT WORK RECORD

ACADEMIC YEAR:

TITLE NAME How to protect from AIDS 2018-2019

Name of the students	Roll Number:	Group/Year
1. E. preethi	16033051441 - 501	B.S.C (Bzd)-II
2. N. Jyothi	16033051441 - 502	Bze - II
3. B. Kavitha	16033051441 - 503	Bzc - II
4. G. Nagavindini	16033051441 - 507	Bzc - II
5. R. Ramadevi	16033051441 - 508	Bzc - II

Nikhil Fatima
Signature of the lecturer

Pravin
signature of the Principal
S.U.M. Govt. Degree College
KONDANAGULA - 509 001

Student Study Project2019-2020Topic Telangana Haritha Haram.Group BSc-IIGuided by K. Gopal. Nitul ~~K. Gopal~~, K. Gopal.participated by Bhargavi & Anjali team.Date 25-8-2019-2020.

S.No	H.T. No.	Name of the student.	Signature.
01	1803305144 1002	C. Ganesh.	Ganesh
02	1003	C. Gowri	Gowri
03	1004	D. Bhargavi	Bhargavi
04	1005	G. Anjali	Anjali
05	1006	m. Shiva Shankar.	Shiva Shankar
06	1008	R. Swamy	SWAMY
07	1009	T. Anitha.	T. Anitha
08	180330514 680001.	B. Bhagyavani	Bhagyavani
09	8002	k. mahesh	Mahesh
10	8004	saravana.	Saravane

~~K. Gopal~~
Lecturer Signature

~~K. Gopal~~
Principal Signature
Govt Degree College
GONDANAGALLA-509 031



SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE
KONDANAGULA, NAGARKARNOOL (DIST)
TELANGANA STATE



DEPARTMENT OF ENGLISH
PROJECT WORK RECORD

ACADEMIC YEAR:

2019-2020

TITLE NAME Telangana Hari-Haram

Name of the students

Roll Number:

Group/Year

Name of the students	Roll Number	Group/Year
1. C. Ganesh	18033051441002	B.S.C - II
2. C. Gouri	18033051441003	B.S.C - II
3. D. Bhargavi	18033051441004	B.S.C - II
4. G. Anjali	18033051441005	B.S.C - II
5. M. Shivashankar	18033051441006	B.S.C II

K. Gopal
Signature of the lecturer

[Signature]
signature of the Principal
PRINCIPAL
S.U.M. Govt Degree College
KONDANAGULA - 509 111

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF HISTORY

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2017-18	Golkonda Fort	1.G Shivaleela 2.K Gowramma 3.M Hanumanth	17033051129001 17033051129002 17033051129007	BA HEP	Shankar
2	2018-19	Prathapa Rudra Fort ,Mananoor	1.B Rajashekar 2.G Srisailam 3.G Ramulu 4.K Ganesh 5.G Mallesh 6.K Sunitha	1803305119002 1803305119003 1803305119004 1803305119005 18033051129502 18033051129509	BA HEP	C Rama Swamy
3	2019-20	Jogulamaba Temple alampur	1.A Naresh 2.B Anil 3.B Laxmaiah 4.C Pravalika 5.E Suresh 6.K Balraju	19033051129001 19033051129002 19033051129003 19033051129004 19033051129005 19033051129006	BA HEP	G Vishnu

Department of History

2017-18 :

Date: 3

Project work conducted by.

Shankar . .

Group: BA (HEP)

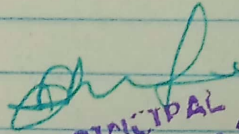
Year: 1st year . .

Department of: History . .

<u>S.No.</u>	<u>Project work by.</u>	<u>Topic.</u>	<u>Signature.</u>
1	G. Shivalakshmi 17033051129-001	Golkonda	Shivalakshmi
2	K. Gouramma . 17033051129-002		Gouramma
3	M. Hanumanth . 17033051129-007		Hanumanth .

SHANKAR . .

Lectures


PRINCIPAL
S.V.M. Golconda College
GONDARAGUDA 509 101

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF HISTORY

PROJECT WORK RECORD

ACADEMIC YEAR: 2017-2018.

TITLE NAME GOLKONDA FORT

Name of the students	Hallticket Numbers:	Group/Year
1. G. SHIVALEELA	17033051129-001	B.A (HEP) 1 st year
2. K. GOURAMMA	17033051129-002	BA (HEP)-1 st year
3. M. HANUMANTHU	17033051129-001	B.A (HEP)-1 st year
4.		
5.		

SHANKAR
Signature of the lecturer

Bany
signature of the Principal
S.U.M. Govt. Degree College
KONDANAGULA - 509
NAGARKARNOOL DISTRICT

Department of History
2018-2019.

4

Date:

Project work conducted by:

C. Ramaswamy.

GROUP: BA(HEP)

Year: BA 1st year.

Department: History.

S.No.	Project work by	Topic	Signature.
1	R. Rajeswari - 1803305119002	Pratapaditya 9003 - 1129502 - Mannan	(Raj)
2	G. Srisailem		Srisailem
3	G. Ramulu. - 9004.		G. Ram
4	K. Ganesh. - 9005		Ganesh
5	G. Mallesh, 18033051129502		Mallesh
6	K. Smittha. - 509		Smittha
7	K. Kishim, - 510		Kishim
8	K. Bhargavi - 512		Bhargavi
9.	K. Suresh. - 513.		Suresh

C. Ramaswamy
Lecturer

Principal
500

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA, NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF HISTORY

PROJECT WORK RECORD

ACADEMIC YEAR: 2018-2019

TITLE NAME PRATAPARUDRA FORT MANNANUR.

Name of the students	Hallticket Numbers:	Group/Year
1. B. RAJASHEKAR	18033051129002	BA / 1 st year
2. G. SULTANAM	18033051129003	BA / 1 st year
3. G. RAMULU	18033051129004	BA / 1 st year
4. K. GANESH	18033051129005	BA / 1 st year
5. G. MALLESU	18033051129502	BA / 1 st year

[Signature]
Signature of the lecturer

[Signature]
signature of the Principal
S.U.M. Govt Degree College
KONDANAGULA - 509 501

Department of History

6

2019-20.

Date:

Project was conducted by:

G. Vishnu.

Group: BA (H.P).

Year: BA 1st year.

Department of History

S.No.	Project-work by	Topic	Signature
1	A. Naresh (19033051129001)		A. Naresh
2	B. Anil (002)		Anil
3	D. Lakshmi (003)		Lakshmi
4	C. Pravalika (004)		Pravalika
5	E. Suresh (005)	Jogulamba	Suresh
6	K. Adaraju (006)	Temple	Adaraju
7	K. Bharath (007)	Alampuzam	Bharath
8	Md. Siddiq (008)		Siddiq
9	V. Vamshi (009)		Vamshi
10	A. Kavitha (19033051129503)		Kavitha
11	A. Shiva (010)		Shiva

G. Vishnu
Lecturer

Principal

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF HISTORY

PROJECT WORK RECORD

ACADEMIC YEAR: 2019-2020.

TITLE NAME JOGULAMBA TEMPLE ALAMPURAM.

Name of the students

Hallticket Numbers:

Group/Year

- | | | | |
|----|---------------|----------------|---------------|
| 1. | A. NARESH. | 19033051129001 | BA / 1st year |
| 2. | B. ANIL | 19033051129002 | BA / 1st year |
| 3. | B. BLAXMAIAH. | 19033051129003 | BA / 1st year |
| 4. | C. PRAVALIKA. | 19033051129004 | BA / 1st year |
| 5. | E. SURESH. | 19033051129005 | BA / 1st year |

G. VISHNU
Signature of the lecturer

signature of the Principal
PRINCIPAL
S.U.M. Govt Degree College
KONDANAGULA - 509
NAGARKARNOOL

Department of history.

2019-20

7

Date:

Project work conducted by:

G. Vishnu
 Group: RA 2nd year (HEP)
 Year: RA 2nd year.
 Department of history.

S.No	Project work by	Topic	Signature
1	R. Rajashree 1803305129002	Shagun Singh	[Signature]
2	G. Salsalam . . - 9003		[Signature]
3	G. Ramulu . . - 9004		[Signature]
4	K. Ganesh . - 9005		[Signature]
5	(1803305129522) A. Sandhya		[Signature]
6	(506) E. Aswini		[Signature]
7	(508) G. Mallesh		Mallesh
8	(510) K. Kaseem		Kaseem
9	(513) K. Suresh		[Signature]
10	(517) N. Anusha		[Signature]
11	(519) P. Suresh		[Signature]
12	(524) T. Rajesh		[Signature]

G. Vishnu
Lecturer

[Signature]
Principal

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOL (DIST)

TELANGANA STATE



DEPARTMENT OF HISTORY

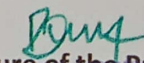
PROJECT WORK RECORD

ACADEMIC YEAR: 2019-2020.

TITLE NAME Bhagat Singh

Name of the students	Hallticket Numbers:	Group/Year
1. B. Rajashekar	1803305129002.	BA I year
2. G. Srisailam .	1803305129003.	BA I year
3. G. Ramulu.	1803305129004	BA I year
4. K. Ganesh.	1803305129005.	BA I year
5. A. Sandhya..	1803305129502.	BA I year.

G. VISHNU
Signature of the lecturer


signature of the Principal
S.U.M. Govt. Degree College
KONDANAGULA - 509

Department of History

2019-2020

8

Date:

Project work conducted by:

G. Vishnu,

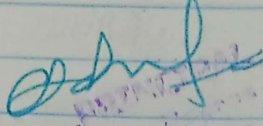
Group: BA (HIS)

Year: BA IIIrd year

Department of History

<u>S.NO</u>	<u>Project work by</u>	<u>Topic</u>	<u>Signature</u>
1	G. Shivalakshmi 17033051129-001	<u>Rajya Sulthana</u>	Shivalakshmi
2	B. Gouramma 17033051129-002		Gouramma
3	M. Hanumanth 17033051129-007		Hanumanth

G. Vishnu
Lecturer


Principal

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA, NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF HISTORY

PROJECT WORK RECORD

ACADEMIC YEAR: 2019-2020

TITLE NAME Raziya Sultana

Name of the students

Hallticket Numbers:

Group/Year

	Name of the students	Hallticket Numbers:	Group/Year
1.	G. Shivalakshmi	17083051129-001	BA- III year
2.	K. Gouramma	17083051129-002	BA- III year
3.	M. Hanumanthji	17083051129-003	BA- III year
4.			
5.			

G. VISHNU
Signature of the lecturer

Pam
signature of the Principal
SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE
KONDANAGULA - 505 101

SUM GOVERNMENT DEGREE COLLEGE

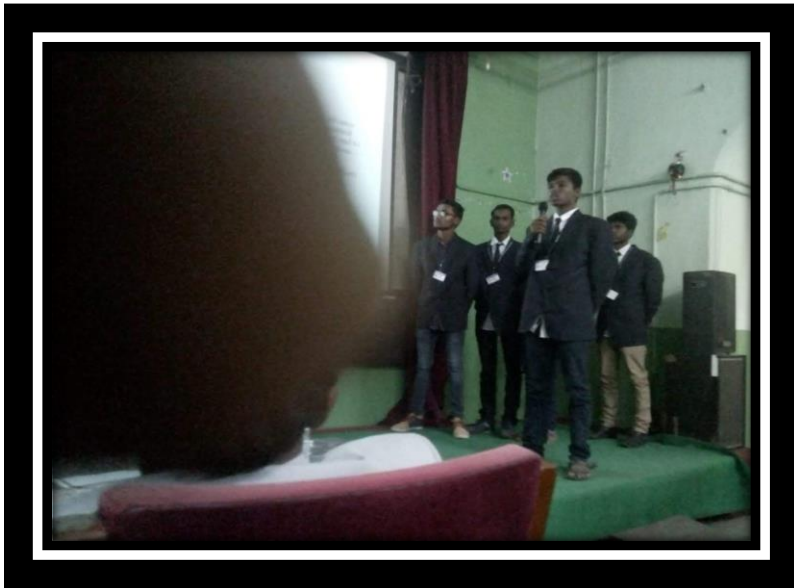
KONDANAGULA

DEPARTMENT OF PHYSICS

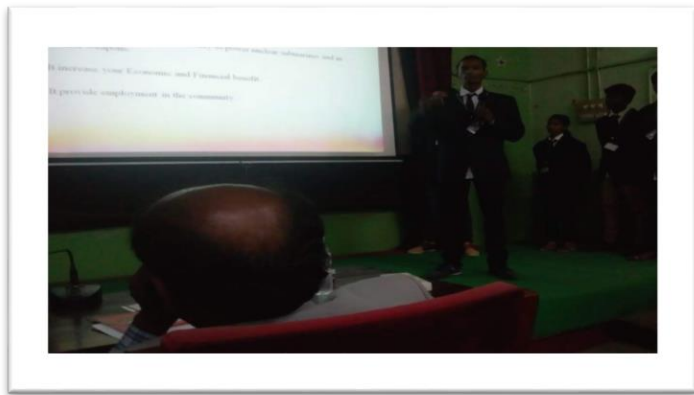
DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2016-17	History of Issac Newton	1.G Vasundara 2.C Ganesh 3.D Bhargavi	305114441501 18033051441002 18033051441004	BSC MPC 3 rd Year	B Vanitha
2	2017-18	Nobel Prize Awarness in Physics	1.N Vennela 2.C Swathi 3.M Laxmi	305114441502 305114441503 305114441506	BSC MPC III Year	B Vanitha
3	2018-19	History of the Scientist	1. Sandhyarani 2. Srikanth 3. Anjaneyulu	16033051441508 16033051441509 16033051441506	BSC MPC 3 rd Year	R Venkataiah
4	2019-20	ASSESSMENT of Health And Environmental impacts of uranium mining	1.N.Saravana 2.S.Kumar 3.R Bhargavi 4.G Naresh 5.A Sriram	18033051468004 18033051441009 18033051441004 19033051441004 19033051441010	BSC MPC &MPCS	R Venkataiah

JIGNASA PROJECT SELECTED STATE LEVEL ,SUM GDC KONDANAGULA-2019-20



JIGNASA PROJECT SELECTED STATE LEVEL ,SUM GDC KONDANAGULA:2019-20



Department of physics

project work - ①

2016¹³-2017

NAME OF THE STUDENT : CH. GOURI

class : B.Sc (M.P.C) 1st year

Roll no : 18033051441003

Topic : ISSAC NEWTON

Date :

Submitted by : CH. GOURI

Guided by : R. Venkataiah Lect in physics

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



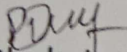
DEPARTMENT OF PHYSICS


PROJECT WORK RECORD

ACADEMIC YEAR:2016-17

TITLE NAM: History of Issac Newton

S.NO	NAME OF THE STUDENT	H.T.NO	GROUP/YEAR
1	G Vasundara	305114441501	BSC MPC 3 rd Year
2	C Ganesh	18033051441002	BSC MPC 3 rd Year
3	D Bhargavi	18033051441004	BSC MPC 3 rd Year


Signature of the lecturer


signature of the Principal
ORIGINAL
S.U.M. Govt. Degree College
KONDANAGULA - 509 101

project work - 2

2017-18

NAME OF THE student : N. vennela
st.
class : 3051-14-441-502
B.SC(MPC) - II

Roll NO : 3051-14-441-502

Topic : Nobel prize Awareness in physics

Date : 06-09-2017

Submitted by : N. vennela

Guided by : B. Vanitha

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



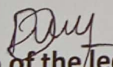
DEPARTMENT OF PHYSICS

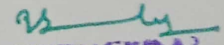
PROJECT WORK RECORD

ACADEMIC YEAR:2017-18

TITLE NAM: Nobel Prize Awarness in Physics

S.NO	NAME OF THE STUDENT	H.T.NO	GROUP/YEAR
1	N Vennela	305114441502	BSC MPC 3 rd Year
2	C Swathi	305114441503	BSC MPC 3 rd Year
3	M Laxmi	305114441506	BSC MPC 3 rd Year


Signature of the lecturer


PRINCIPAL
signature of the Principal
S.U.M. Govt. Degree College
.KONDANAGULA - 509 101

Department of physics

project work - 3

17

2018-19

NAME OF THE STUDENT : Sandhya Rani, Saikanth, Anjaneyulu
class : 1603351-441-508, 509, 506
: B.Sc(M.P.C) 3rd year

Roll NO : 1603351-441-506
" " 508, 509

Topic : History of scientists

Date : 05-11-2018

Submitted by : Sandhya Rani, Saikanth, Anjaneyulu

Guided by : R.ventkataiah Lect.in physics

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



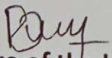
DEPARTMENT OF PHYSICS

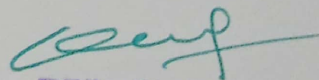
PROJECT WORK RECORD

ACADEMIC YEAR:2018-19

TITLE NAM: Nobel Prize Awarness in Physics

S.NO	NAME OF THE STUDENT	H.T.NO	GROUP/YEAR
1	Sandhyarani	16033051441508	BSC MPC 3 rd Year
2	Srikanth	16033051441509	BSC MPC 3 rd Year
3	Anjaneyulu	16033051441506	BSC MPC 3 rd Year


Signature of the lecturer


signature of the Principal
S.U.M. Govt. Degree College
KONDANAGULA - 509 101

Department of physics

project work - 4

2019-20

NAME OF THE STUDENT : Sravana, Kumar, Bhargavi,
Naresh, Sri Ram

class

: B.Sc (M.P.C) 3rd year

Roll NO

: 18033051-468-004, 18033051-441-004

18033051-441-004, 19033051-441-004, 19033051-441-016

Topic

: Jignasa student study project

Date

: 10-10-2019

Submitted by

: Sravana, Kumar, Bhargavi, Naresh, Sri Ram

Guide by

: R. Venkataiah

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



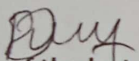
DEPARTMENT OF PHYSICS

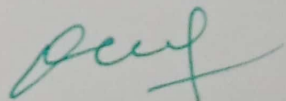
PROJECT WORK RECORD

ACADEMIC YEAR:2019-20

TITLE NAM: Nobel Prize Awarness in Physics

S.NO	NAME OF THE STUDENT	H.T.NO	GROUP/YEAR
1	N.Saravana	18033051468004	BSC MPC 3 rd Year
2	S.Kumar	18033051441009	BSC MPC 3 rd Year
3	R Bhargavi	18033051441004	BSC MPC 3 rd Year
4	G Naresh	19033051441004	BSC MPC 3 rd Year
5	A Sriram	19033051441010	BSC MPC 3 rd Year


Signature of the lecturer


PRINCIPAL
signature of the Principal
S.U.M. Govt. Degree College
KONDANAGULA - 509 101

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF POL.SCIENCE

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2016-17	ARISTOTLE	1.M CHENDRA SHEKAR 2.RAMMOHAN 3.POSHANNA 4.M VIKRAM 5.M MALLESH	305114111541 305114111594 305114111578 305114111526 305114111561	BA III YEAR	MAKTLAL
2	2017-18	TELANGANA MOVEMENT	1.D HARI KRISHNA 2.P PRASANTH 3.P VENKATSWAMY 4.P SRIKANTH 5.U PRASAD	305115111591 305115111561 305115111544 305115111602 305115111529	BA III YEAR	MAKTLAL
3	2018-19	SUPREM COURT	1. M KAVITHA	18033051111517	BA II YEAR	MAKTLAL

		OF INDIA	2. K LINGASWAMY 3. M SAI BABU 4. G MALLESH 5. K KHASEEM	18033051111511 18033051111515 18033051129508 18033051129510		
4	2019-20	SWACHA BHARATH	1.M MAHESHKUMAR 2 MD MUZMIL 3. T.RAMESH 4. M. HANUMANTHU 5. G.SHIVALEELA	1703305111530 1703305111540 1703303051525 17033051129007 17033051129001	BA III YEAR	MAKTLAL

Political Science

2016-17

PROJECT WORK - ①

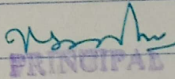
conducted by

Group: BA

Year: III

SNO	PROJECT WORK BY	TOPIC	SIGN
1	M. chandra shekar	541	M. chandra shekar
2	P. Rammohan 594	ARISTOTLE	Ray
3	E. poshina 570		F. Poshanna
4	M. Vikram 526		M. Vikram
5	M. Radhesh 561		Madh

30J-14-111-541


PRINCIPAL
Sri Govt Degree College
WONDANABALLA-519 481

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA, NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF POLITICAL SCIENCE

PROJECT WORK RECORD

ACADEMIC YEAR: 2016-2017

TITLE NAME

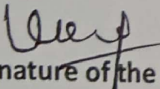
ARISTOTLE

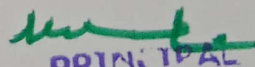
Name of the students

Hallticket Numbers:

Group/Year

- | | | |
|---------------------|-----------------|-------------|
| 1. M. Chandrashekar | 3051-14-111-541 | BA-111 year |
| 2. P. Ram Mohan | 3051-14-111-594 | " |
| 3. E. Poshanna | 3051-14-111-570 | " |
| 4. M. Vikram | 3051-14-111-526 | " |
| 5. M. Mallesh | 3051-14-111-561 | " |


Signature of the lecturer


signature of the Principal
SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE
KONDANAGULA - 509 401

Political Science

2017-2018

PROJECT WORK.

Conducted by

Group : BA (EPP)

Year : B-A III

SN	Project work by	TOPIC	Sign
1	D. Hari Krishna	591	Harikrishna
2	P. Prasanth	561	Prasanth
3	P. Venkataswamy	544	Venkat
4	P. Srikanth	602	Srikanth
5	V. Prasad	529	Prasad

3056-15-111-591

Venkat
Lecturer

Principal
B. A. III
CONDANAGULA-509 001

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF POLITICAL SCIENCE

PROJECT WORK RECORD

ACADEMIC YEAR: 2017-2018

TITLE NAME Telangana Movement

Name of the students	Hallticket Numbers:	Group/Year
1. D. Hari Krishna	3051-15-111-591	B.A III Year
2. P. Prasanth	3051-15-111-561	B.A-III-Year
3. P. Venkata Uvasny	3051-15-111-544	B.A-III-Year
4. P. Srikanth	3051-15-111-602	B.A-III-Year
5. V. Prasad	3051-15-111-529	B.A-III-Year

Signature of the lecturer

PRINCIPAL
signature of the Principal
S.U.M. Govt. Degree College
KONDANAGULA - 509 402

Political Science

2018-2019

PROJECT WORK

Conducted by

Group: BA

Year: 2nd year.

S. No.	Project work by	Topic	Page
1)	M. Kavitha 111-512	Supreme Court of India.	M. Kavitha
2)	K. Ganganandam 111-511		K. Ganganandam
3)	M. Sakshy 111-515		M. Sakshy
4)	G. Mallesh 1503-3051-129-508		G. Mallesh
5)	K. Khaseem 510		K. Khaseem

1503-3051-111-517

Temp
Lecturer

Principal
Govt Degree College
MADURAI

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



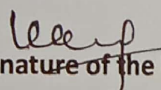
DEPARTMENT OF POLITICAL SCIENCE

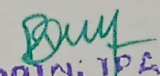
PROJECT WORK RECORD

ACADEMIC YEAR: 2018-2019

TITLE NAME Supreme Court of India

Name of the students	Hallticket Numbers:	Group/Year
1. m. Kavitha	1803-3051-111-517	B.A. 1 st year
2. K. LingaSwamy	1803-3051-111-511	B.A. 1 st year
3. m. SaiBabu	1803-3051-111-515	B.A. 1 st year
4. G. Mallesh	1803-3051-129-508	B.A. 1 st year
5. K. Khassem	1803-3051-129-510	B.A. 1 st year


Signature of the lecturer


PRINCIPAL
Sri Uma Maheswari Government Degree College
KONDANAGULA
Signature of the Principal

Political Science

57

2019-2020

PROJECT WORK

Conducted By
Group - BA
BA - 3rd year

S.No.	Project work by	TOPIC	Signature
1	P. Mahesh Kumar 1703-3051-111-530		P. Mahesh Kumar
2	MD. Muzamil 111-540		MD. MUZAMIL
3	P. Ramesh 525		P. Ramesh
4	M. Hanmantu 1703-3051-119-007		M. Hanmantu
5	G. Shivalakshmi 129-001		G. Shivalakshmi

Swachha Bharat.

Prof
Lecturer

Principal
Sri Sri College
Sri Sri College
Sri Sri College

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KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



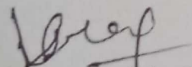
DEPARTMENT OF POLITICAL SCIENCE

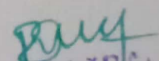
PROJECT WORK RECORD

ACADEMIC YEAR: 2019-2020

TITLE NAME Swacha Bharath

Name of the students	Hallticket Numbers:	Group/Year
1. P. Mahesh Kumar	1703-3051-111-530	B.A. III Year
2. MD. Muzamil	1703-3051-111-540	B.A. III-year
3. P. Ramesh	1703-3051-111-525	B.A III-Year
4. M. Hanmathu	1703-3051-129-007	BA-III-Year
5. G. Shivabeela	1703-3051-129-001	B.A III-Year


Signature of the lecturer


signature of the Principal
PRINCIPAL
S.U.M. Govt Degree College
KONDANAGULA - 509 101

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF PUB ADD

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2018-19	Bio Graph of Woodrow Wilson	1.M Kavitha 2.K Sandeep 3.V Saibaba 4.P Padma 5.K Lingaswamy	18033051111517 18033051111514 18033051111524 18033051111523 18033051111511	BA 1 st Year EPP	Mubeen Begum.
2	2018-19	MEE SEVA	1.C Mallesh 2.Rizwana Begum 3.P Ramesh 4.MD Muzamil 5.MD khaleel	17033051111502 17033051111534 17033051111530 17033051111524 17033051111525	BA 2 nd Year	Mubeen Begum.
3	2018-19	Panchayathi Raj System In India	1.G Anjaneyulu Goud 2.M Manjula 3.Naveen Goud 4.M Rajitha 5.K Krishna	16033051111513 16033051111533 16033051111515 16033051111534 16033051111532	3 rd Year BA EPP	Mubeen Begum.

2018-2019

Date: 12/10/2018

Project work conducted BY:

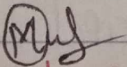
Mubeen Begum

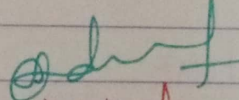
GROUP: BA [EPP]

Year: 1st year

Department of: Public Administration.

S.NO	Project work BY	Topic	Signature
1	M. Kavitha HTNO: 18033051111-517	"Biography of Woodrow Wilson"	M. Kavitha
2	K. Sandeep - 514		K. Sandeep
3	V. Saibaba - 524		V. Saibaba
4	P. Padma - 523		P. Padma
5	K. Lingaswamy - 511		K. Lingaswamy


Lecturer


Principal
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KODANAGULA-502 401

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF PUBLIC ADD

PROJECT WORK RECORD

ACADEMIC YEAR: 2018 - 2019

TITLE NAME Biography of woodrow wilson

Name of the students	Hallticket Numbers:	Group/Year
1. M. kavitha	18033051111-517	BA [EPP] 1 st year
2. V. Saibaba	18033051111-524	"
3. P. Padma	18033051111-523	"
4. K. Sandeep	18033051111-514	"
5. K. Lingaswamy	18033051111-511	"

Signature of the lecturer

signature of the Principal

2018-2019

Date: - 14/19/2019

Project work conducted BY:
Mubeen Begum.

Group: BA [EPP]

Year: BA IInd Year.

Department of: Public Administration

S.NO	Project work BY	TOPIC	signature
1.	C. Mallesh 17033051111 - 502	"MEE SEEVA"	C. Mallesh
2.	Rizwana Begum -534		Rizwan.
3.	P. Ramesh -530		P. Ramesh
4.	MD. MUZAMIL -524		MD. muzamil
5.	MD. Khaleed -525		MD. Khaleed

Muz Lectures

Principal
Govt Degree College
DANAPUR

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF PUBLIC ADD

PROJECT WORK RECORD

ACADEMIC YEAR: 2018-2019

TITLE NAME MEE SEEVA

Name of the students

Hallticket Numbers:

Group/Year

1. C. Mallesh

17033051111-502

BA[EPP] IInd Year

2. MD. Muzamil

17033051111-524

"

3. MD. Khaleel

17033051111-525

"

4. P. Ramesh

17033051111-530

"

5. Rizwana Begum

17033051111-534

"

Signature of the lecturer

signature of the Principal

Department of Public Administration

13

2018-2019

Date: 10/10/2018

Project work conducted BY: Mubeen

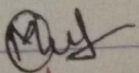
GROUP : BA [EPP]

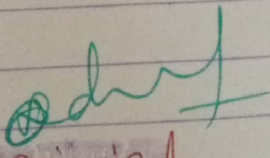
Year : IIIrd year

Department of: Public Administration

H.TNO: 1683305111513

S. NO	Project work BY	Topic	Signature
1.	G. Anjaneyulu Goud	"Panchayati Raj system in India"	G. Anjaneyulu
2.	M. Manjula -533		M. Manjula
3.	G. Naveen Goud -515		G. Naveen Goud
4.	M. Rajitha -534		M. Rajitha
5.	K. Krishna . -532		K. Krishna


Lecturer


Principal
Sri Govt Degree College
BONDANAGULA-522 401

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA ,NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF PUBLIC ADD

PROJECT WORK RECORD

ACADEMIC YEAR: 2018-2019

TITLE NAME Panchayati Raj system in India

Name of the students

Hallticket Numbers:

Group/Year

1. G. Naveen Goud
2. K. Krishna
3. M. Manjula
4. M. Rajitha
5. G. Anjaneyulu Goud

16033051111-515
16033051111-532
16033051111-533
16033051111-534
16033051111-513

BA[EPP] IIIrd Year
"
"
"
"
"

Signature of the lecturer

signature of the Principal

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF TELUGU

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2016-17	NAKU NACHINA KAVULU	1.G KRISHNA VENI 2.A SRIKANTH GOUD	16033051441505 16033051445502	MPC 1 st Year BZC 1 ST YEAR	K Saidulu
2	2017-18	BHATHUKAMA PANDUGA	1.K SAIBABU	16033051401512	BCOM II YEAR	K Saidulu
3	2018-19	NAKU NACHINA VIVIDA PANDUGALU	1.A SHIVAJI 2.G ANJALI	18033001445502 18033001441005	BZC I YEAR MPC I YEAR	G Ashok
4	2019-20	NAKU NACHINA KAVULU	1.B Anil 2.V SAIBABU	19033051129002 21033051111524	BA I st year BA II st year	M Saidaiah

2016-17

Department of Telugu

Students Study projects Report.

K. Saidebabu
Telugu

S.No	Name of the Group	Project - work name	NO of students Involved	Report
1.	BSc 1 year	నాకు నచ్చిన కవులు. (MPC-I)	G. Krishnaveni	16033051441 505 Submitted
2.	BSc 1 year	నాకు నచ్చిన కవులు. (BZC-I)	A. Srikanth Goud	16033051445 502
3.	BSc 1 st year	BZC ^I శ్రీకై వరచంద్రులు	Kalyani	16033051445 505
4.	BZC II	నాకు నచ్చిన కవులు.	C. Urnamaheshwari	16033051445 503
5.	BZC I	సంపూర్ణులు.	D. Vishnumurthy	"
6.		నాకు నచ్చిన కవులు	P. Shivalcelu	"
7.	MPC-I	"	K. Sandhyarani	16033051441 508
8.	BZC-I		K. Shiva	16033051445 510
9.			G. premalatha	"
10.		గ్రంథాల	N. priyanka	"
11.		కావ్యాల నా సందర్భాలలో.	K. Sravani	"
		నాకు నచ్చిన కవులు.	M. Anjaneyulu	"
			R. Shiva	"
			V. Divya	"
12.	Bcom 1	అంబికావల వర్షం కథ	Karthik.	"

K. Saidebabu
K. Saidebabu
Telugu

PRINCIPAL
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SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA, NIZAMKARNULU (DIST)

TELANGANA STATE



DEPARTMENT OF TELUGU

PROJECT WORK RECORD

ACADEMIC YEAR: 2016-17

TITLE NAME

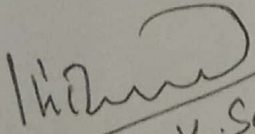
నాకు నచ్చిన కవులు.

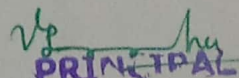
Name of the students

Hallticket Numbers:

Group/Year

- | | | |
|---------------------|----------------|-------|
| 1. G. Krishna Veni | 16033051441505 | MPC-I |
| 2. A. Srikanth Goud | 16033051445502 | B2C-I |
| 3. | | |
| 4. | | |
| 5. | | |


K. Saideela
Signature of the lecturer Telugu.


PRINCIPAL
signature of the Principal
S.U.M. Govt. Degree College
KONDANAGULA - 509 101

STUDENT STUDY PROJECT Report

K. Saibabu.

S.NO	Name of The group.	Project work. Name	NO of Student- Innovled	Report
1)	B.A- I year	భాగవతం. పోలన.	K. Naresah, M. Anjali	
2)	B.Com-I year	నందమూరి రెడ్డి కవి.	G. prashanth T Mahesh	
3)	B.ZC-I year.	వేద వాక్యం దుర్గం	G.yerra Raju. ✓	17033051445 506
4)	B ZC- II year	నారసింహ శైలి	K. gamesh Naik ✓	16033051 445.
5)	M.P.C- I year	పెళ్ళి రామయ్యం.	N. Sathish	
6)	M.P.C- II year.	నాకు నచ్చిన పల్లం దుర్గయ్య.	B. Balraju.	
7)	B.A - II year	శ్రీ.శ్రీ కవిత్వం.	B. Bharth	
8)	B.Com-II year.	బతుకమ్మ పండుగ.	K. Saibabu. ✓	16053051401 512

K. Saibabu
Lecturer
Telugu.

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SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE
KONDANAGULA, NAGARKARNOOLOO (DIST)
TELANGANA STATE



DEPARTMENT OF TELUGU

PROJECT WORK RECORD

ACADEMIC YEAR:

2017-18

TITLE NAME

బతుకమృత పండుగ

Name of the students

Hallticket Numbers:

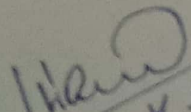
Group/Year

1. K. Saibabu.

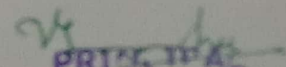
16053051401512

B.Com - II

- 2.
- 3.
- 4.
- 5.


K. Saibabu
Lect. Telugu.

Signature of the lecturer


PRINCIPAL
Sri Uma Maheswari Government Degree College
KONDANAGULA - 509 001

Department of Telugu.

5

2018-19

STUDENT STUDY-PROJECT Report

G. Ashok.
Telugu.

S.No	Name of The group	Project work Name	No of student Involved	Report
1)	B.A - I year	మల్లెల బొద్ధం-పరిశోధన ✓	K. Suresh	18033051 111-510.
2)	B.Com-I year	సాంకేతికత జాబితా ✓	G. Raju. (Computer)	18033051 405-002
3)	B-Z.C. - I year	నాకు నచ్చిన వివిధ పంపిణీ ✓	A. Shivaji	18033001 445502
4)	M.P.C-I year	నాకు నచ్చిన వివిధ పంపిణీ ✓	Gr. Anjali	18033051 441005
5)	B.A-II year	జానపద సీయం.	K. Nareesh	
6)	B.Com-II year	నాకు నచ్చిన వివిధ పంపిణీ ✓	M. Ramesh	
7)	B-Z.C - II year.	గురం జాబితా..	K. Vikram	

PRINCIPAL

S.U.M. Govt Degree College
ONDANAGULA - 509 101

Amr
Lecturer
Telugu.



SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE

KONDANAGULA NAGARKARNOOL (DIST)

TELANGANA STATE



DEPARTMENT OF TELUGU

PROJECT WORK RECORD

ACADEMIC YEAR: 2018-19

TITLE NAME నాకు నచ్చిన వివిధ పండుగలు

Name of the students

1. A. Shivaji
2. G. Anjali
- 3.
- 4.
- 5.

Hallticket Numbers:

18033001445502
18033051441005

Group/Year

BZC-I
M.P.C-I

Ashok
A. Ashok.

Signature of the lecturer

Telugu.

Principal
S.U.M. Govt Degree College
KONDANAGULA - 509 101
Signature of the Principal

DEP - Telugu

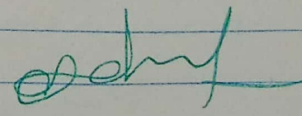
7
2019-20

STUDENT STUDY PROJECT Report

M. Saideiah
Telugu.

S.NO	Name of the group.	Project work Name	STUDENT Innovated	Report
1)	B.A - I year	నాకు నచ్చిన కవులు. తేలు.	B. Anil H.T.NO	19033051 129002
2)	B.Com - I year	రామాయణం	E. Shireesha	
3)	B.Z.C. - I year	బహుళ పాఠన.	R. Sreeramulu	
4)	M.P.C - I year	బహుకమ్ర పండుగ.	M. Mahesh	
5)	B.A - II year.	నాకు నచ్చిన కవులు	V. Saibabu H.T.NO - 2103305111524	19033051 129

M. Saideiah
M. Saideiah
Lecturer



PRINCIPAL
S.U.M. Govt. Degree College
ONDANAGULA - 509 01

SRI UMA MAHESWARI GOVERNMENT DEGREE COLLEGE
KONDANAGULA, NAGARKARNOOL (DIST)
TELANGANA STATE



DEPARTMENT OF TELUGU
PROJECT WORK RECORD

ACADEMIC YEAR:

2019-20

TITLE NAME

నాకు నచ్చిన కవిత.

Name of the students

Hallticket Numbers:

Group/Year

1. B. Anil

19033051129002

B.A - I

2. V. Saibabu

2103305111524

BA - II

3.

4.

5.

Signature of the lecturer

M. Saidevich
Let. Telugu.

PRINCIPAL

Sri Uma Maheswari Government Degree College
KONDANAGULA - 505 001

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA

DEPARTMENT OF ZOOLOGY

DETAILS OF STUDENT STUDY PROJECTS

S.NO	ACADEMIC YEAR	NAME OF THE STUDY PROJECT	NAME OF THE STUDENTS INVOLVED	H.T.NO	GROUP	NAME OF THE GUIDE TEACHER
1	2016-17	VITAMINS	1.C KALYANI 2.V PRIYANKA 3.G PREMALATHA 4.K SRAVANI 5.C UMAMAHESWARI 6. K SRAVANTHI	16033051445505 16033051445519 16033051445507 16033051445512 16033051445503 16033051445513	BZC 1 ST YEAR	B JOHN BABU
2	2016-17	TWINS	1.Y VINOD 2.RAVINDER 3.N BALAKRISHNA	305114445529 305114445536 305114445525 305114445532 305114445530	BZC 3 RD YEAR	B JOHN BABU

			4.BANU PRAKASH 5.P SHIVA KUMAR 6.R RAMAKOTI	305114445535		
3	2016-17	GESTATION PERIODS IN MAMMALES	1.R MANIKYA 2. M PRIYANKA 3.G THIRUPATHAMMA 4.C LAXMI 5.NIRANJAN BEE	305114445501 305114445516 305114445510 305114445506 305114445509	BZC 3 RD YEAR	B JOHN BABU
4	2017-18	BLOOD GROUPS IDENTIFICATION OF TEACHING AND NON TEACHING STAFF	1.MOUNIKA 2.S GANESH 3.RAJITHA 4.U KAVYA 5.G SHIVA 6.PADMA	305115445503 305115445511 305115445523 305115445521 305115445516 305115445508	BZC 3 RD YEAR	B JOHN BABU
5	2018-19	OPEN DEFACATION AND HEALTH PROBLEMS IN INDIA	1.C DEVI 2.S KUMAR 3.J RAJITHA 4.V SHIREESHA 5.G MALLESH 6.MD INTHIYAZ	18033051445001 18033051445007 18033051445002 18033051445008 18033051445506 18033051445512	BZC 1 YEAR	B JOHN BABU
6	2019-20	ROLE OF GOVERNMENT IN PUBLIC HEALTH CURRENT SCENARIO IN	1.B PREETHI 2.S KUMAR 3.J RAJITHA 4.B SAILEELA	1903051445002 18033051445007 18033051445002 1903051445003 1903051445001 1903051445013	BZC 2 ND YEAR	B JOHN BABU

		INDIA AND FUTURE SCOPE	5. A NARENDAR 6.V PRASANTH			
7	2019-20	TWINS	1.B NARESH 2.D ANIL 3.P A GAYATHRI 4 S GOWRI 5.P RAJITHA	17033051445502 17033051445504 17033051445513 17033051445519 17033051445517	BZC 3 RD YEAR	B JOHN BABU
8	2019-20	TYPES OF FEATHERS AND COLLECTION	1.C DEVI 2.S KUMAR 3.J RAJITHA 4.V SHIREESHA 5.G MALLESH 6.MD INTHIYAZ	18033051445001 18033051445007 18033051445002 18033051445008 18033051445506 18033051445512	BZC 2 ND YEAR	B JOHN BABU

Department of zoology
(Student study projects)



* Study project submitted by

BSc I year I sem students

on the topic of Vitamins *

[Signature]
LECTURER

Department of Zoology
S.D.M. Govt. Degree College
KONDANAGUZA-515440.

Students study project - I 157

Name of the Group : BSc(BZC) I sem.

No. of students Involved : 6

Name of the project : VITAMINS

Guide Teacher : B. JOHN BABU.

Report : Submitted

SNo	H. NO	Name	TOPIC	GROUP	Signature
01	505	C. Kalyani	VITAMINS	B.Sc (BZC) 1st	<i>[Signature]</i>
02	509	V. Poojanka	VITAMINS	BSC (BZC) 1st	<i>[Signature]</i>
03	507	G. Premalatha	" "	BSc (BZC) 1st	<i>[Signature]</i>
04	512	K. Sravani	" "	B.Sc (BZC) 1st	<i>[Signature]</i>
05	503	C. Omamaheshwari	" "	" "	<i>[Signature]</i>
06	513	K. Sruvathi	" "	" "	<i>[Signature]</i>

[Signature]
LECTURER
Department of Zoology
S.D.M. Govt. Degree College
KONDANAGUZA-515440.

[Signature]
Principal
PRINCIPAL
S.D.M. Govt. Degree College
KONDANAGUZA
Natal nagar (Dist)

SRI UMA MAHESWARI GOVT DEGREE COLLEGE;

KONDANAGULA, NAGARKURNOOL (DIST).



DEPARTMENT OF ZOOLOGY

2016-2017

STUDENT STUDY PROJECT

TOPIC: **VITAMINS**

Name of the Guide Teacher

B. JOHN BABU (MSc, BEd, APSET)
Dept. Of Zoology
SUM.GDC.KONDANAGULA

[Signature]
principal

PRINCIPAL

S.U.M. Govt. Degree Collge
KONDANAGULA - 509

[Signature]

LECTURER

Department of Zoology
S.U.M. Govt. Degree Collge
KONDANAGULA - 509

SRI UMA MAHESWARI GOVT DEGREE COLLEGE;
KONDANAGULA, NAGARKURNOOL (DIST).



CERTIFICATE

This is to certify that the following BSc.BZC I SEMESTER students have been done by a Project on VITAMINS as a part of student study project for the academic year 2016-2017. under the supervision of B.JohnBabu Lect. In Zoology, SUM GDC Kondanagula.

S.NO	Name of the student	Course	Semester
1	C.KALYANI	BZC- T.M	I Semester
2	V.PRIYANKA	BZC- T.M	I Semester
3	G.PREMA LATHA	BZC- T.M	I Semester
4	K. SRAVANI	BZC- T.M	I Semester
5	C. UMA MAHESWARI	BZC- T.M	I Semester
6	K. SRAVANTHI	BZC- T.M	I Semester

Hence certified


Signature of the lecturer
LECTURER

Document no. Zoology
S. U. M. Govt. Degree College
KONDANAGULA 50940.


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PRINCIPAL

S. U. M. Govt. Degree College
KONDANAGULA - 509 40

Department of zoology

* student study project * 271

(2016-17)
Name of the Group : B2C III year

No. of students Involved: B2C-111yow Boys

Name of the project : Twins

Guide Teacher : B. Johnbabu

Report : Submitted

S.NO	H.TNO	Name	Group	Topic	Signature
1	3051-14-445-529	Y. Vinod	B2C 3 rd year	Twins	[Signature]
2	3051-14-445-536	Ravindar	B2C 3 rd year		[Signature]
3	3051-14-445-525	N. Balakrishna	B2C 3 rd year		N. Belf
4	3051-14-445-532	Bhanuprakash	B2C 3 rd year		Bhann
5	3051-14-445-530	P. Shiva Kumar	B2C 3 rd year		[Signature]
6	3051-14-445-535	R. Ramkoti	4		[Signature]
7					

B. Deep
LECTURER
Department of Zoology
B.D.M. Univ. Degree Collge.
Kondanagall

[Signature]
Principal
PRINCIPAL
S.U.M. Govt Degree College
KONDANAGALL
Mahalubnagar (D.S.)

SRI UMA MAHESWARI GOVT DEGREE COLLEGE;

KONDANAGULA, NAGARKURNOOL (DIST).



DEPARTMENT OF ZOOLOGY

2016-2017

STUDENT STUDY PROJECT

TOPIC: **TWINS**

Name of the Guide Teacher

B. JOHN BABU (MSc, BEd, APSET)
Dept. Of Zoology
SUM.GDC.KONDANAGULA

B. John Babu
LECTURER

Department of Zoology
Sri Uma Maheswari Degree College
KONDANAGULA - 509 401

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principal
PRINCIPAL

S.U.M. Govt. Degree College
KONDANAGULA - 509 401

SRI UMA MAHESWARI GOVT DEGREE COLLEGE;
KONDANAGULA, NAGARKURNOOL (DIST).




CERTIFICATE

This is to certify that the following BSc.BZC I SEMESTER students have been done by a Project on TWINS as a part of student study project for the academic year 2016-2017. under the supervision of B.JohnBabu Lect. In Zoology, SUM GDC Kondanagula.

S.NO	Name of the student	Course	H.T.NO
1	Y. VINOD	BZC-III YEAR	305114445529
2	R. RAVINDER	BZC-III YEAR	305114445536
3	N. BALAKRISHNA	BZC-III YEAR	305114445525
4	BHANU PRAKASH	BZC-III YEAR	305114445532
5	P.SHIVA KUMAR	BZC-III YEAR	305114445530
6	R. RAMAKOTI	BZC-III YEAR	305114445535

Hence certified


Signature of the lecturer

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KONDANAGULA - 509 401


Principal

PRINCIPAL
S.U.M. Govt. Degree College
KONDANAGULA - 509 401

Department of Zoology

* Student steady project * 175

Name of the Group : B2C III year

Name of the project : Gestation periods

No. of students Involved : Girls All

Guide Teacher : B. Johnbabu

Report : Submitted

S.NO	H.TNO	Name	GROUP	TOPIC	Signature
1	3051-14-445-501	R. Manikya	B2C III rd year	Gestation periods of Some mammals	
2	3051-14-445-516	M Priyanka	"		
3	3051-14-445-510	G. ThiruPathamma	"		
4	3051-14-445-506	C. Laxmi	"		
5	3051-14-445-509	Nisamjambhee	B2C III rd year		
6	3051-14-445-5	sandya	"		
7	3051-14-445-514	MAMATHA	"		
8	3051-14-445-503	ANITHA	"		
9	3051-14-445-504	BALAMANJ	"		

Beeep

PRINCIPAL
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KONDANAGULA, NAGARKURNOOL (DIST).



DEPARTMENT OF ZOOLOGY

2016-2017

STUDENT STUDY PROJECT

TOPIC: **GESTATION PERIODS IN
MAMMALES**

Name of the Guide Teacher

B. JOHN BABU (MSc, BEd, APSET)
Dept. Of Zoology
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principal

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LECTURER

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SRI UMA MAHESWARI GOVT DEGREE COLLEGE;
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CERTIFICATE

This is to certify that the following BSc.BZC I SEMESTER students have been done by a Project on GASTATION PERIODS IN MAMMALES as a part of student study project for the academic year 2016-2017. under the supervision of B.JohnBabu Lect. In Zoology, SUM GDC Kondanagula.

S.NO	Name of the student	Course	H.T.NO
1	R. MANIKYA	BZC-III YEAR	305114445501
2	M. PRIYANKA	BZC-III YEAR	305114445516
3	G. THIRUPATAMMA	BZC-III YEAR	305114445510
4	C. LAXMI	BZC-III YEAR	305114445506
5	NIRANJAN BEE	BZC-III YEAR	305114445509

Hence certified


Signature of the lecturer


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PRINCIPAL
S.U.M. Govt Degree College
KONDANAGULA - 509 401

(2017-18)

Blood groups Identification at Teaching & Non Teaching Staff



A. Venkanna
Lect. in Economics



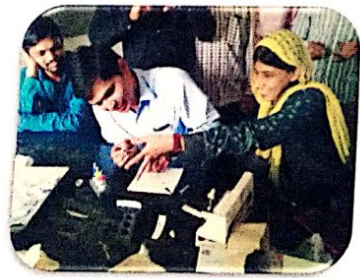
V. Mahalal
Lect. in Pol. Science



Vamitha
Lect. in Physics



V. Shivaraja
Lect. in Botany



Nikhilrajath
Lect. in English



V. Nagaraj
Sr. Ass.

Student Study project - (1) 187

Name of the Group: BSc(B2C) III/2017

NO OF students Involved: 05

Name of the project: Blood groups Identification of Teaching - Non teaching staff

Guide Teacher: B. JOHNBABU.

Report: Submitted.

S.NO	H.T.NO	NAME	Group	Signature
1	503	Mounika	B2C-III	Mounika.
2	511	S. Ganeshu	"	Ganeshu
3	523	Rajitha	"	Rajitha
4	521	U. Karthi	"	Karthi
5	516	Shiva G.	"	Shiva
6	508	Padma	"	Padma

[Signature]
 Lecturer
 Department of Zoology
 S.U.M. Degree College
 KONDANAGULA 503401

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 S.U.M. Govt. Degree College
 KONDANAGULA
 Mahabubnagar (D.S.T.)

SUM GOVERNMENT DEGREE COLLEGE
KONDANAGULA, NAGARKURNOOL (DIST)



Department of Zoology
2017-18

**A STUDY PROJECT ON "IDENTIFICATION
OF BLOOD GROUPS IN TEACHING & NON
TEACHING STAFF."**

Name of the Student involved	Group
1. S.Ganesh Goud	BZC III Year
2. A, Mounika	BZC III Year
3. Padma	BZC III Year
4. U. Kavya	BZC III Year
5. Shiva	BZC III Year

Bleef
LECTURER
Department of Zoology
S.D.M. Govt. Degree College
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S.D.M. Govt. Degree College
KONDANAGULA - 509 101

SUM GOVERNMENT DEGREE COLLEGE
KONDANAGULA, NAGARKURNOOL (DIST)



Certificate

This is to certify that the BSC, BZC III Year Students has successfully completed a study Project on “Blood Groups Identification in Teaching and Non-Teaching Staff” of in this college for the academic year 2017-18, under the supervision of Department of Zoology.

Hence, it is certified.

B. Jay
LECTURER
Department of Zoology
S.U.M. Govt. Degree College,
Kondanagula - 509 101

[Signature]
Principal
PRINCIPAL
S.U.M. Govt. Degree College,
KONDANAGULA - 509 101
[Stamp]

Department of zoology 91

2018-19

* Name of the Group : BSc(B2C) ISEM

* No. of students Involved : 6

* Name of the project : open Defaction and Health problems in India.

* Guide Teacher : B. John baby

* Report : submitted

S.NO	H.T. NO	NAME	TOPIC	Group.	signature
1	18033051443001	C. Devi	"	B2C I	Dene
2.	007	S. Kumar	"	"	KAR
3.	002	J. Rajitha	"	"	Rajitha
4.	008	V. Shreegha	"	"	shreegha
5	506	G. mallesh	"	"	M
6.	512	Imthiyaz	"	"	Imthiyaz

B. John

LECTURER

Department of Zoology

Sri Sri Degree College

WODANAGULA-508 201

B. John

Principal

Sri Sri Degree College

WODANAGULA-508 201

SRI UMA MAHESWARI GOVT DEGREE COLLEGE;
KONDANAGULA, NAGARKURNOOL(DIST).

DEPARTMENT OF ZOOLOGY

2018-2019

JIGNASA STUDY PROJECT

TOPIC; OPEN DEFECACTION AND THE HEALTH PROBLEMS IN INDIA

Name of the guide teacher

B. JOHN BABU (MSc, BEd, APSET)
Dept. Of Zoology
SUM.GDC.KONDANAGULA

B. John Babu
LECTURER

Department of Zoology
S. U. M. Govt. Degree College,
KONDANAGULA DC940.


[Signature]
PRINCIPAL
SRI UMA MAHESWARI GOVT DEGREE COLLEGE
KONDANAGULA-505 021

CERTIFICATE

This is to certify that the following BSc.BZC I SEMESTER students have been done by a project on OPEN DEFECATION AND THE HEALTH PROBLEMS IN INDIA as a part of JIGNASA student study project for the academic year 2018-2019.under the supervision of B.John Babu Lect. In Zoology, SUM GDC Kondanagula.

S.NO	Name of the student	Course	Semester
1	S. Kumar	BZC E/M	I Semester
2	V. Shireesha	BZC E/M	I Semester
3	C.Devi	BZC E/M	I Semester
4	Md.Inthiyaz	BZC T/M	I Semester
5	G.Mallesh	BZC T/M	I Semester
5	Rajitha	BZC E/M	I Semester

Hence certified


Signature of the lecturer
LECTURER
Department of Zoology
S.D.M. Govt. Degree College
KONDANAGULA 50940.


Principal
S.D.M. Govt. Degree College
KONDANAGULA-509 40

(2019-20)

Department of zoology.

* student study projects *

TOPIC: ROLE OF GOVERNMENT IN PUBLIC HEALTH
CURRENT SCENARIO IN INDIA AND FUTURE
SCOPE.

Student Study Project - 97

(2019-20)

* Name of the Group : B2C - I SEM

* NO OF students Involved : 06

* Name of the project : Role of Government
in Public Health: Current scenario in India and Future

* Guide Teacher : B. JOHNBABU S.P.A.

* Report : submitted.

SNO	H.TNO	NAME	GROUP	PROJECT TOPIC
11	18033051445007	S. Kumar	B2C III SEM	Role of Government in public Health: Current scenario in India and Future scope.
	19033051445002	B. Preethi	B2C I SEM	
	1903-003	B. Saileela	" "	
	1803-002	J. Rajitha	B2C III SEM	
	1903-001	A. Narendra	B2C I SEM	
	1903-013	V. Prasanth	" "	

Deep
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SRI UMA MAHESWARI GOVT DEGREE COLLEGE;
KONDANAGULA, NAGARKURNOOL (DIST).

DEPARTMENT OF ZOOLOGY

2019-2020.

JIGNASA STUDY PROJECT

TOPIC: Project on,

**Role of Government in Public Health:
Current scenario in India and future
scope.**

Name of the guide teacher

B. JOHN BABU (MSc, BEd, APSET)
Dept. Of Zoology
SUM.GDC.KONDANAGULA


Principal
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LECTURER

Department of Zoology
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KONDANAGULA-560020

CERTIFICATE

This is to certify that the following BSc.BZC I & III SEMESTER students have been done by a project on **Role of Government in public health: Current scenario in India and future scope.** as a part of JIGNASA student study project for the academic year 2019-2020.under the supervision of B.John Babu Lect. In Zoology, SUM GDC Kondanagula.

S.NO	Name of the student	Course	Semester
1	S. Kumar	BZC E/M	III Semester
2	B.PREETHI	BZC E/M	I Semester
3	B.SAI LEELA	BZC E/M	I Semester
4	J. RAJITHA	BZC T/M	III Semester
5	A.NARENDER	BZC T/M	I Semester
5	V. PRASANTH	BZC E/M	I Semester

Hence certified


Signature of the lecturer

LECTURER
Department of Zoology
S. H. M. Govt. Degree College
KONDANAGULA-585401


Principal
S. H. M. Govt. Degree College
KONDANAGULA-585401

(2019-20)

95

Department of zoology

(Student study project)

project on : "TWINS"

Department of Zoology (2019-20)

student study projects - 2

Name of the Group : B2C V SEM

NO OF students Involved : 05

Name of the project : "TWINS"

Guide Teacher : B. Johnbaku.

Report : Submitted.

SNO	H.TNO	NAME	SEM	PROJECT TOPIC
1	173305144	B. Narresh	V SEM	"TWINS"
2	-504	D. Anil	" "	
3	-513	PA Gayathri	" "	
4	-519	S. Gowri	" "	
5	-517	P. Rajitha	" "	

[Signature]
LECTURER

Department of Zoology

G. U. M. Govt. Degree College

SONDANAGUVA-505400

[Signature]
Principal

G. U. M. Govt. Degree College
SONDANAGUVA-505400

DEPARTMENT OF ZOOLOGY

2019-2020.

STUDY PROJECT

TOPIC: Project on **TWINS**

Name of the guide teacher

B. JOHN BABU (MSc, BEd, APSET)
Dept. of Zoology
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[Signature]
principal
PRINCIPAL

S.J.M. Govt. Degree College
KONDANAGULA - 508 103

[Signature]
LECTURER

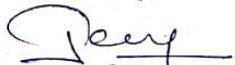
Department of Zoology
S. J. M. Govt. Degree College
KONDANAGULA - 508 103

CERTIFICATE

This is to certify that the following BSc.BZC V SEMESTER students have been done by a project on TWINS. as a part of JIGNASA student study project for the academic year 2019-2020. under the supervision of B. John Babu Lect. In Zoology, SUM GDC Kondanagula.

S.NO	Name of the student	Course	Semester
1	NARESH	BZC	V Semester
2	GOWRI	BZC	V Semester
3	GAYATRI	BZC	V Semester
4	RAJITHA	BZC	V Semester
5	ANIL	BZC	V Semester

Hence certified


Signature of the lecturer
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Department of Zoology
S. J. M. Govt. Degree College
KONDANAGULA - 509 104.


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S. J. M. Govt. Degree College
KONDANAGULA - 509 104.



STUDY PROJECT ON : **TWINS**

SUM GOVERNMENT DEGREE COLLEGE

KONDANAGULA, NAGARKURNOOL (DIST)



Department of Zoology 2017-18

A STUDY PROJECT ON “IDENTIFICATION
OF BLOOD GROUPS IN TEACHING & NON
TEACHING STAFF.”

Name of the Student involved	Group
1. S.Ganesh Goud	BZC III Year
2. A, Mounika	BZC III Year
3. Padma	BZC III Year
4. U. Kavya	BZC III Year
5. Shiva	BZC III Year

INTRODUCTION

A & B antigens are called Agglutinogens two antigen type 'A' and type 'B' occur on the surfaces of the red blood cells of the population. In the blood transfusion reactions, these antigens are inherited.

Two genes one on each of paired chromosomes determine O, A & B blood groups. Type 'O' Gene is functionless. No significant type 'O' agglutinin on the RBC. The 'A' & 'B' genes can cause strange agglutinin on the cells. There are possible combinations of genes OO, OA, OB, AA, BB, & AB.

MATERIALS AND METHODS

Reagents: ABO Grouping sera are usually obtained from selected donors whose antibody levels suitable for use a laboratory reagent. Reagent must be specific for antigen to be detected and the serum to be used for grouping should have anti A and B and anti D sera and EDTA.

Specimen: Collection of student/faculty blood samples.

Other materials:

1. 3 No glass slides, plastic sticks blood, Collected from surface of finger tip.
2. To clean the blood collected site with Spirit, allow to dry the skin. It is punctured by a lancet or a short sharp needle. The first drop is shed off because it contains tissue fluid.
3. The collected blood will be mixed with EDTA (ethyle diamine tetra acetic Acid) and placed on their difference glass slides having mark of A, B & D.
4. Add one drop of anti 'A' serum on 'A' mark blood glass slide, one drop & anti 'B' serum on 'B' mark blood slide, one drop of anti 'D' serum on 'D' mark blood glass slide.

INTRODUCTION

- Blood groups were discovered in 1902 by Carl Land Steiner.
- They are of A, B, AB & O Types.
- A, B & AB are detected by the antigens present on RBC.
- O group is without antigens.
- Human blood groups are controlled by the genes located on 9th chromosome.

A, B, O Blood Groups and Their Antigens:

Blood Group	Antigen on RBC	Antibody in Plasma	Genotypes
A	A	Anti -B	OA, AA
B	B	Anti - A	OB, BB
AB	A & B	NIL	AB
O	NIL	Anti – A & Anti - B	OO

A & B Antigens-Agglutinogens:

A and B Antigens occur on the surfaces of the red blood cells of the population they cause blood transfusion reactions. These antigens are inherited.

Major A,B,O blood types depending on the presence or absence of A and B agglutinogens. If both antigens are absent, the blood group is type-O. When only 'A' type antigen is present, the blood group is type-A. When only 'B' type antigen is present blood group is type-B. When both A and B antigens are present, the blood group is type AB.

Relative Frequencies of the Different Blood Types:

The prevalence of different blood types among college students is approximately as follows.

O-group: 47%

A-group: 41%

B-group: 9%

AB-group: 3%

Genetic Determination of Blood Groups:

Two genes one on each of paired chromosomes determine A,B,O blood groups. Type-O gene is functionless. Type O do not cause any significant agglutination. A and B genes cause strong agglutination of the cells. There are six possible combinations of genes viz.OO,OA, OB, AA, BB and AB.

GENOTYPE	PHENOTYPE (BLOOD GROUP)
AA	A
OA	A
BB	B
OB	B
AB	AB
OO	O

Agglutinogens:

Antigens A and B are called agglutinogens.

Agglutinins:

When type-A agglutinin is not present on RBC, antibodies known anti-A agglutinin develop in the plasma. When type-B agglutinin is not present on RBC antibodies known as anti-B agglutinin develop in the plasma called isoantobody.

Landsteiner's Law: A given persons blood contain two substances i.e.agglutinin and agglutinin. Agglutinin is present on RBC and agglutinins are present in plasma.

Compatibility between Different Blood Groups:

Donor Group	Recipient Group			
	A	B	AB	O
O	-	-	-	-
A	-	+	-	+
B	+	-	-	+
AB	+	+	-	+

Note:

- 1) - = No agglutination

2) + = Agglutination occurs.

Agglutination Reactions in Transfusion Reactions:

Agglutinins Anti-A and Anti-B plasma attach to the RBC because have two binding sites in Ig G, 10 sites in IgM. Single agglutinin can attach to two or more different RBC at the same time. This causes the cells to clump together, which is the process of agglutination.

Rh Blood Types:

In A, B, O system agglutinins are responsible for causing transfusion reaction develop spontaneously. Where as in the Rh system spontaneous agglutinins never occur, the person must first be massively exposed.

Rh Antigens:

Rh+ve and Rh-ve have six common types of Rh antigens each of which is called Rh factor. These types are designated as C,D,E,c,d,e. A person who has a C antigen does not have the c antigens. The same is true for Dd and Ee. Antigen type D is widely prevalent. Anyone who has this type of antigen is said to be Rh+ve. The person who does not have D antigen is said to be Rh-ve. About 85 – 90 % of people are Rh+ve and 10 – 15% are Rh-ve. In India 95% are +ve.

Rh Immune Response:

Are injected into person whose blood does not contain the same factor Anti Rh agglutinins. When RBC contain Rh factor or even protein break down develop slowly. Maximum development will occur within 2 to 4 months to cause agglutination of transfused cells. Thus delayed transfusion reaction occurs, it is usually mild. On subsequent transfusion of Rh+ve blood transfusion reaction really enhanced.

Erythro Blastosis Foetalis:

The mother is Rh-ve the father is Rh+ve due baby inherited Rh+ve antigen from father and the mother has developed Anti-Rh agglutinins from exposure to the babys Rh+ve antigen. The mother agglutinins diffuse through the placenta into the foetus to cause RBC agglutination. 1st Rh+ve child does not develop sufficient Anti Rh agglutinins, however 3% of second +ve child exhibit signs of erythroblastosis foetalis, about 10% of third babies exhibit the disease.

Agglutinated blood cells hemolyse releasing heamoglobin in to the blood. Macrophases convert haemoglobin in to bilirubin, causes skin yellow. The antibodies also attack other cells of the body. The liver and spleen become enlarged. Severe anaemia of erythroblastosis foetalis is usually the cause of death. Who barely survive the anaemia exhibit

permanent mental impairment or damage to motor areas of the brain because of precipitation of bilirubin in the neuronal cells, causing their destruction, a condition called “Kernicterun”.

PHOTO GALLERY OF THE HEALTH ACTIVITIES:









REPORT OF TEACHING STAFF BLOOD GROUPS:

S. No.	Name of the Faculty	Designation	Age	Blood Group
1	Sri. V. Srinivasulu	Principal	48	A +ve
2	M. Nagu	Asst. Prof. of Chemistry	30	B +ve
3	S. Dhanraj	Asst. Prof. of Commerce	37	O +ve
4	N. Narsimha	Asst. Prof. of Mathematics	45	B +ve
5	S. Madhusudhan	Asst. Prof. of Library Sci.	35	A +ve
6	K. Sydulu	Asst. Prof. of Telugu	36	A +ve
7	M. Madhan Mohan	Asst. Prof. of Botany	32	A +ve
8	A. Venkanna	Asst. Prof. of Economics	39	A +ve
9	V. Shireesha	Lecturer in Botany	29	B +ve
10	Nikhat Fatima	Lecturer in English	29	B +ve
11	B. Vanitha	Lecturer in Physics	30	O +ve
12	V. Makatlal	Lecturer in Political Sci.	36	O +ve
13	A. Gangadhar	Lecturer in Chemistry	33	B +ve
14	M. Vijay Kumar	Lecturer in Commerce	29	O +ve
15	Shiva Kumar	Substitute Teacher	30	O +ve
16	B. John Babu	Lecturer in Zoology	32	O +ve

PERCENTAGE IDENTIFICATION BLOOD GROUPS IN TEACHING FACULTY:

S. No	Blood Group	Number	Percentage
1	A	5	31 %
2	B	5	31%
3	AB	-	-
4	O	6	38 %
Total		16	100%

REPORT OF NON TEACHING STAFF BLOOD GROUPS:

S. No.	Name of the Faculty	Designation	Age	Blood Group
1	V. Narsimha Rao	Senior Assistant	51	O +ve
2	V. Yadagiri	Typist	55	O +ve
3	B. Srinivasulu	Junior Assistant	40	A +ve
4	K. Srinivasa Rao	Junior Assistant	36	O +ve
5	B. Balaswamy	Record Assistant	57	B -ve
6	S. Ashok Kumar	Museum Keeper	53	B +ve
7	K. Murali	Record Assistant	49	A +ve
8	V. Mallesh	Record Assistant	56	A +ve
9	K. Pavan Kumar	Record Assistant	34	O -ve
10	K. Umapathi	Assistant Librarian	57	O +ve
11	S. Nagaiah	Watchman	55	O +ve
12	M. Shivamma	Attender	47	B +ve
13	Chandra Shekar	Store Keeper	47	A+ve
14	Narasimha	Record Assistant	43	O+ve

PERCENTAGE IDENTIFICATION BLOOD GROUPS IN NON TEACHING STAFF:

S. No	Blood Group	Number	Percentage
1	A	4	29%
2	B	3	21%
3	AB	-	-
4	O	7	50%
Total		14	100%

REFERENCES:

- 1) A Text book of Medical Physiology - Sembulingam and Premasembulingam
- 2) A Text book of Genetics - VeerabalaRastogi
- 3) A Text book of Genetics - P.K. Gupta
- 4) A Text book of Genetics - Dr. R.P.Meyyan.

@@@@@

**SUM GOVERNMENT DEGREE
COLLEGE
KONDANAGULA, NAGARKURNOOL (DIST)**



Certificate

This is to certify that the BSC, BZC III Year Students has successfully completed a study Project on “Blood Groups Identification in Teaching and Non-Teaching Staff” of in this college for the academic year 2017-18, under the supervision of Department of Zoology.

Hence, it is certified.

Principal

SRI UMA MAHESWARI GOVT DEGREE COLLEGE;

KONDANAGULA, NAGARKURNOOL (DIST).



DEPARTMENT OF ZOOLOGY

2018-2019

JIGNASA STUDY PROJECT

TOPIC: OPEN DEFECATION AND THE HEALTH PROBLEMS IN INDIA

Name of the Guide Teacher

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CERTIFICATE

This is to certify that the following BSc.BZC I SEMESTER students have been done by a project on **OPEN DEFECATION AND THE HEALTH PROBLEMS IN INDIA** as a part of JIGNASA student study project for the academic year 2018-2019. under the supervision of B.JohnBabu Lect. In Zoology, SUM GDC Kondanagula.

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2	V.Shireesha	BZC E/M	I Semester
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OPEN DEFECACTION AND THE HEALTH PROBLEMS IN INDIA

Abstract

More than one billion people engage in open defecation practice worldwide, it is contributing to many problems, including water pollution and spread of diseases leading to, childhood malnutrition. In India most of inhabitants defecates in open it leads to health problems, particularly in rural India. Since 1986, Government of India has been taking remedies to address the open defecation problem to improve health and hygiene. Unfortunately, the campaigns have achieved limited success in changing the population's open defecation behaviour. Hence, the present paper has been entitled "open defecation and their health problems in India" is an attempt to examine how the public are aware about open defecation and their health problems in India.

Key words: Open defecation, Water pollution, Health and hygiene, Malnutrition.

Introduction

India is a developing nation. Around 68% population lives in the rural areas. It is the seventh largest economy in the world and one of the fastest growing countries in the world. However, significant challenges to the provision of environmental services such as water, sanitation, solid waste management, and drainage. In India Open defecation is one of the major health hazards and it affects environment. Even when people are not aware of the health risks related to open defecation. Compare to rural India, urban people are using a toilets health and hygiene. In rural India, open defecation is everywhere among all socio-economic groups although the bottom two wealth quintiles practice it on the whole rural households. Thus, the present paper entitled Impact of open defecation and their health problems in rural India is attempt to analyse the health and sanitation of the women, adolescent girls and children who are living in the residences where there is no designated toilets in their houses, so they are defecating in the open places. The places where they defecate are very close to their residential areas and there is hundred per cent chance of mixing the night soil and urine in to the drinking water and other water courses which are used by the people for everyday purpose. This will affect the health of the people especially the vulnerable group such as the women, adolescents and children.

Defination

Open Defecation; refers to to practice where by people go out in fields ,bushes, forests, open body of water, or other open spaces rather than the toilets to defecate.

- **Individual Household Latrine(IHLL)**is a toilet which is available within the premises of a household . Operation and maintenance of individual toilet rests with the beneficiary.
- **Community Toilets**is a shared facility provided by and for a group of an entire settlement. Community toilets blocks are used primarily in low –income and/or informal settlements/slums, where space and/or land are constrain in providing a household toilet. There are for a more less fixed user group. Operation and maintenance of shared community toilet block ideally should rest with the beneficiary users over all supervision of the concerned ULB or RLB , depending upon where it is located.
- **Toilets Public**is a facility for the floating population / general public in places such as markets, outside railway stations , bus stations , tourist places, near office complexes, or near other public areas where there are considerable number of people passing by.
- **Single Pit Latrines**is a toilet with a single pit dug into the ground. the underground of the pit is water permeable, hence there is always a danger of ground water contamination. When the pit is filled up, it needs to be emptied or closed and relocated. SBM programme, considers single pit latrines as insanitary.
- **Twin Pit Latrines**is a toilet with twin pit (the double pit latrine). Excreta is discharged to one pit/chamber. Once one pit/chamber is full , its sealed and , after a year, it contents can be used as manure. Only one pit/chamber is used at a time so the other squat hold is closed. Consequently, the pit can be used more than once. there is also less risk of ground water pollution.

Open defecation policies in India

The first Indian national campaign to target launched the Central Rural Sanitation Program (CRSP-1986). The main objectives of the program, to provide 25% of the rural population with improving the quality of life and also provide privacy and dignity to women improved hygiene amenities, with the focus of latrine construction. As a result, latrines were built despite low demand and they went largely unused. In 1999, CRSP as updated as the Total Sanitation Campaign (TSC). To make India open defecation free by 2017, Total Sanitation Campaign also offered financial subsidies for Below Poverty Line (BPL) families for toilet construction. But, census 2011, report shows moderate increase of toilets in India. In 2012, the TSC was replaced by Nirmal Bharat Abhiyan (NBA) with the new target to improved sanitation facilities for rural households. Under this scheme, toilet construction subsidies increased to 5,500 rupees include

Above Poverty Line (APL) families. After 2014, NarendraModi government replaced Swachh Bharat Abhiyan (SBA) or Clean India Mission. The main goal of the SBA mission is Open Defecation Free ODF India by 2019.

Table No: 01 Open defecation practice in India

Open defecation	Percentage
India	60%
Highest Percentage of toilets used in India	Percentage
Sikkim	80%
Kerala	80%
Tripura	80%
Lowest Percentage of toilets used in India	Percentage
Tamil Nadu	26 %
Uttar Pradesh	22%
Rajasthan	20%
Bihar	18.6 %
Orissa	15.3 %
Madhya Pradesh	13.6 %
Jharkhand	8.3%

***Source: UNICEF-WHO 2013 Report ***

According to the India Assessment 2012 – Water Supply & Sanitation, people do not use toilets as they are not aware of its potential health benefits and its consequent economic benefits

India is the capital of open defecation, approximately 59% of the people defecate practice in open places. The 2011 census showed that 46.9% household has toilets and 3.2% use public toilets, remaining 49.8% of people are defecating in the open. The practice has been widely accepted for generations, becoming a well-established tradition deeply ingrained from early childhood and is almost an accepted part of the Indian landscape. Open defecation is rampant in rural India where it is practiced by nearly70% of the rural population, compared to 13% in urban areas.

Open Defecation Scenario

QUICK GLANCE – GLOBAL SCENARIO

- ❖ Globally 2.4 billion people still lack improved sanitation facilities
- ❖ One in eight people world wide practice OD.(946 MILLION)
- ❖ Since last 15 years OD has declined globally,with the most dramatic reductions seen in the least developed countries (from 45% in 1990 to 20% in 2015.)
- ❖ Nine out of ten people in the world still practicing OD live in rural areas.
- ❖ Diarrhoeal deaths accounts for more than those of HIV/AIDS,malaria and meseals combined, and results in one death every 20 seconds.

QUICK GLANCE – INDIAN SCENARIO

- ❖ Only one in two people in india use a toilet
- ❖ Globally india has the largest number of people still defacating in the open.(more than 564 million)
- ❖ Half of the Indian population excretes more than 65000 tones of excreta outside every day
- ❖ In india round 44% of mothers dispose their childrensfaeces in the open. 80% of the childrens faces are left in the open or thrown into garbage.this can leads to high risk of microbial contamination of water which causes diarrhea in childrens.
- ❖ The fecal-oral rout is an important polio transmission pathway. Open defecation increases communities risk of polio infection.

Impacts

According to the World Health Organization 2011 report shows merely 0.7 million deaths have occurred due to the infectious diarrhoea. It can also lead to malnutrition and underdeveloped growth among the women and children. Open defecation can lead to water pollution and affecting ground surface water. The faecal pathogens are transmitted to water and it leads to water borne diseases. Open defecation is one of the important causes of diarrheal death. Nearly 2,000 children under the age of five die every day, one every 40 seconds, from diarrhoea. Due to open defecation - lack of sanitation and hygiene is the major factor in causing various diseases, are particularly

- **Diarrhoea and Intestinal worm Infections,**
- **Typhoid,**
- **Cholera,**
- **Hepatitis,**
- **Polio,**
- **Trachoma and others**

There can be many reasons why a person openly defecates and these may include:

- **Poor sanitation.**
- **Lack of awareness.**
- **Non availability of toilets.**
- **Public Toilets are available but are grimy, dark, smell bad, or unattractive (due to non maintenance).**
- **Toilets are available but there is a risk, e.g. if the public toilets common for all.**
- **Public Toilets are not available as part of the household but only at some distance and it may be dangerous to get there at night**

Therefore the reasons for open defecation are varied and it can undeniably be a voluntary choice but in most cases it is due to the fact that the alternatives (i.e. Public toilets) are available but not attractive.

Open Defecation and Health Hazards

The practice of open defecation is one of the higher risks in the world. Which affects more than 161 million of women and children's in worldwide (WHO). The new plans are proposed in sustainable development goals by the UN General Assembly in September 2015 include a target to eliminate open defecation by 2030(SDGs). Open defecation exposes women to the danger of physical attacks and encounters such as snake bites. Open defecation also cripples national development worldwide. The major causes for open defecation and health hazards in India.

- **India has the largest number of people still defecating in the open places.**
- **About 65 per cent of people in rural areas do not have access to toilets.**
- **Open defecation is actually still increasing in the poorest segment of the population.**
- **Only 11 per cent of child faeces dispose safely.**
- **More than 80 per cent of children's faeces are left in the open places are garbage.**
- **Merely 44 per cent of mothers disposing of their children's faeces in the open**
- **In India more than 188,000 children's die due to diarrhoea.**
- **Nearly 43 per cent of children's are suffered due to malnutrition.**

In India more than 50 percent of people are using open toilet especially more number of rural people are using open toilets compare to urban people. Now government are taking effective steps to eradicate the open defecation in India. Poor sanitation practices like open defecation have been known to cause stunting in children, not to mention a contamination of water sources it leading to cholera, typhoid and dysentery. The effect of the unhygienic biosphere the open faecal matter results in, festering bacteria, viruses and other contaminants that poison food and water. Open defecation also affect pregnancy apart from diarrhoea and other gastrointestinal infections due to faecal oral contamination, of open defecation could be on women's genito-urinary tract due to the proximity of the vagina to the anus. In India the highest numbers of deaths of children under the age of five, as well as high levels of malnourishment (leading to stunted growth in children), high levels of poverty, lack of awareness (particularly rural people).

Achievements of Swachh Bharat Abhiyan (SBA)

On October 2, 2014, Prime Minister Narendra Modi launched the Swachh Bharat Abhiyan or Clean India Mission. The campaign, inaugurated to coincide with Gandhi Jayanti, aims to understand its vision of 'Clean India' by October 2, 2019, the 150th birth anniversary of Mahatma Gandhi. In the months after it was launched, the campaign gained momentum with many celebrities, politicians and academic institutions organizing cleanliness drives across the country.

SBA Achievements	2012-13	2013-2014	2014-2015
Household toilets	45,59,162	49,76,294	13,70,347
School toilets	76,396	37,696	8,748
Anganwadi toilets	36,677	22,318	3,325

According to the Ministry of drinking water and sanitation, in 2015 CIM achievements report shows, nearly 80 lakh toilets have been constructed under the program. But, in December 2016, nearly, 3 crore toilets have been constructed so far. So that means nearly 27% of the target has been achieved. The country still has a long way to go, and the progress made so far needs to be sustained and strengthened for further development. Thus, the article highlights several reasons for open defecation. First, open defecation is common practice in rural India. Second, nearly 70 percent of the rural population lives in rural, and 89 percent of households are without toilet facilities (census 2011). Finally, Government of India has been spending more funds to eliminate open defecation as well as toilet construction, but rural open defecation has remained stubbornly too high.



UN WATER
19 November

**WORLD
TOILET
DAY**



States ODF Status2018-2019 (Cumulative)

Sr. No.	State Name	ODF Status (%)
1	A & N Islands	100.00
2	Andhra Pradesh	100.00
3	Arunachal Pradesh	100.00
4	Assam	88.38
5	Bihar	45.06
6	Chandigarh	100.00
7	Chhattisgarh	100.00
8	D & N Haveli	100.00
9	Daman & Diu	100.00
10	Goa	5.87
11	Gujarat	100.00

Sr. No.	State Name	ODF Status (%)
12	Haryana	100.00
13	Himachal Pradesh	100.00
14	Jammu & Kashmir	100.00
15	Jharkhand	100.00
16	Karnataka	99.99
17	Kerala	100.00
18	Lakshadweep	100.00
19	Madhya Pradesh	100.00
20	Maharashtra	100.00
21	Manipur	100.00
22	Meghalaya	100.00

Sr. No.	State Name	ODF Status (%)
23	Mizoram	100.00
24	Nagaland	100.00
25	Odisha	38.84
26	Puducherry	100.00
27	Punjab	100.00
28	Rajasthan	100.00
29	Sikkim	100.00
30	Tamil Nadu	100.00
31	Telangana	62.56
32	Tripura	72.50
33	Uttar Pradesh	99.79

Sr. No.	State Name	ODF Status (%)
34	Uttarakhand	100.00
35	West Bengal	90.84

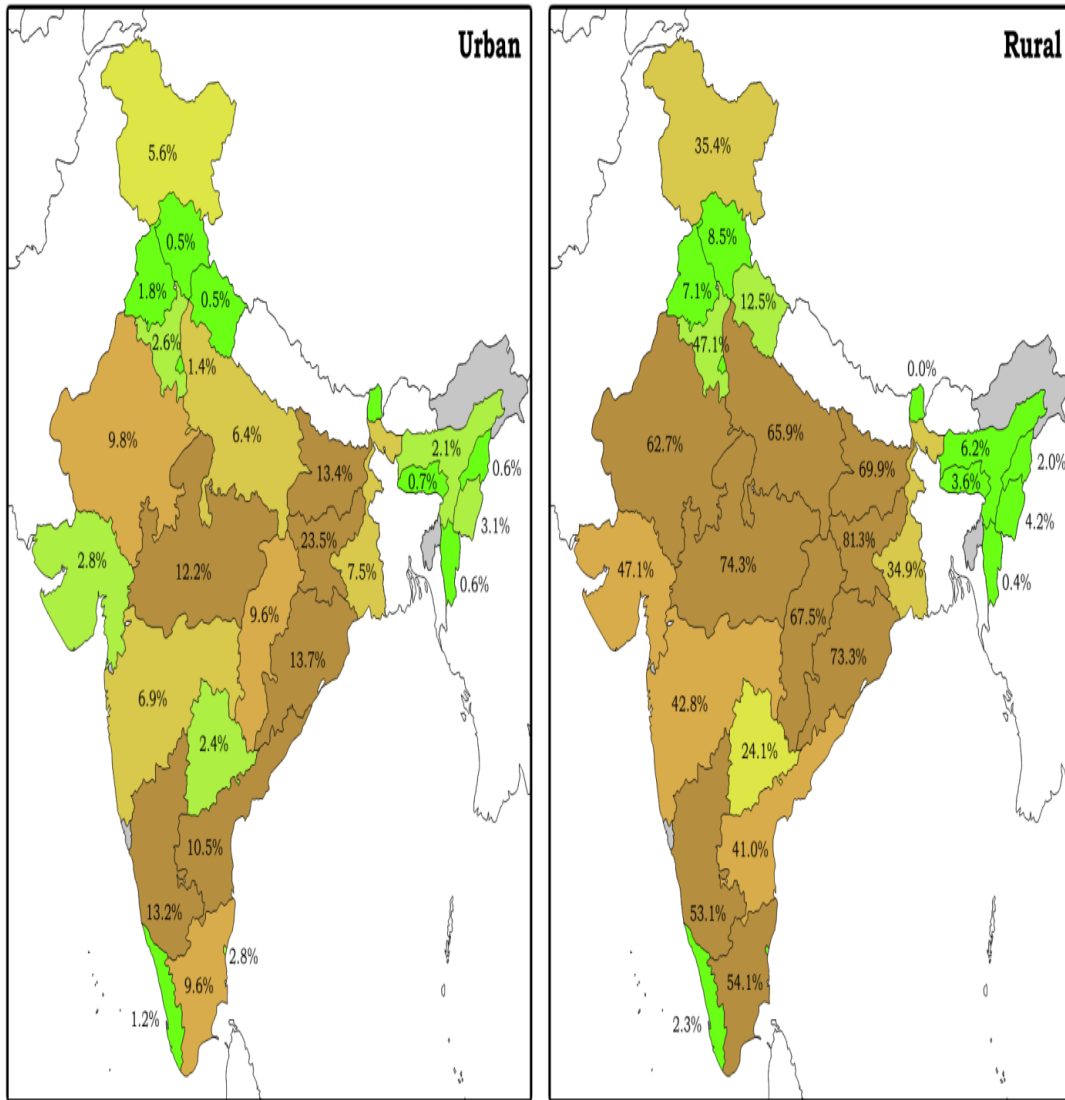


INDIA RANKS NO.1 IN OPEN DEFECATION.

#DontContribute

Support us in making India, an open-defecation free country!





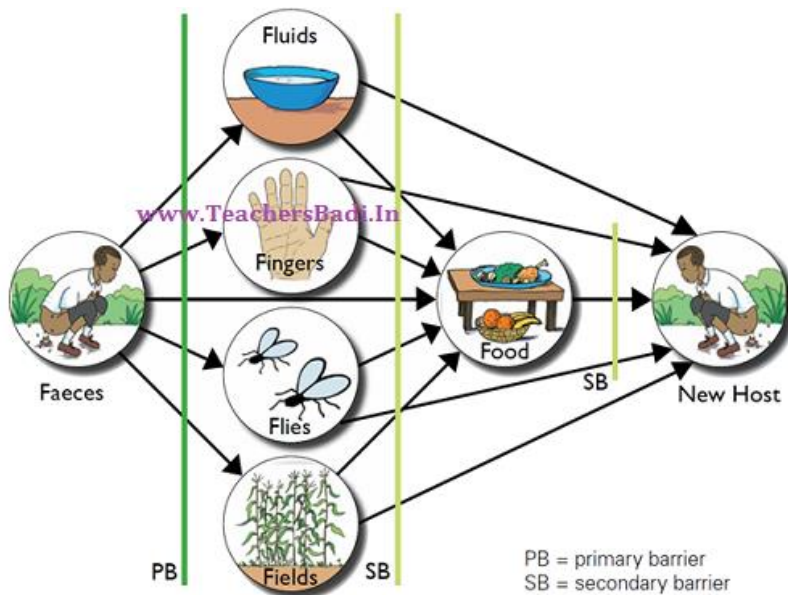
Percentage of persons going for open defecation (all age groups)

Source: Table 16, Swachhta Status Report 2016, National Sample Survey Office (India)

How is OD Problem?

When a person defecates in the open, the pathogens (disease causing agents) present in the faeces travel from the hand to the mouth ; Flies, rain water ,contaminated water , wind, hoof of domestic animals , shoes, childrens toys, footballs, etc.. are different agents or pathways through which faeces can enter ones home.

Human faeces can get into the mouth via hands and fingernails ,flies on food , fruits and vegetables that have fallen on or been in contact with faeces and have not been washed, utensils washed in contaminated water , dogs licking people, skin contact with an infected dog ect. Intestinal worms (helminthis) are transmitted when people ingest faecal matter or step on it with bare feet.



IN RURAL INDIA ABOUT **65%** OF PEOPLE DO NOT HAVE ACCESS TO TOILETS



Conclusion

The present study shows that rural people are still not aware about open defecation and it affects them more compared to urban people. Government of India is also making remedies for open defecation; however it is the biggest challenge to eradicate the open defecation. Open Defecation is an extremely complex issue and it needs a holistic approach. Now clean India SBA Achievements 2012-13 2013-14 2014- Mission is bringing partial change but, we need complete change to achieve open defecation free country through effective implementation of proper schemes.

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SRI UMA MAHESWARI GOVT DEGREE COLLEGE

KONDANAGULA, NAGARKURNOOL (DIST).



DEPARTMENT OF ZOOLOGY

2019-2020.

JIGNASA STUDY PROJECT

TOPIC: Project on

**Role of Government in Public Health:
Current scenario in India and future scope**

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CERTIFICATE

This is to certify that the following BSc.BZC I& III SEMESTER students have been done by a project on **Role of Government in public health: Current scenario in India and future scope**.As a part of JIGNASA student study project for the academic year 2019-2020.under the supervision of B.John Babu Lect. In Zoology, SUM GDC Kondanagula.

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CHALLENGES CONFRONTING PUBLIC HEALTH

The new agenda for Public Health in India includes the epidemiological transition (rising burden of chronic non-communicable diseases), demographic transition (increasing elderly population) and environmental changes. The unfinished agenda of maternal and child mortality, HIV/AIDS pandemic and other communicable diseases still exerts immense strain on the overstretched health systems.

Silent epidemics: In India, the tobacco-attributable deaths range from 800,000 to 900,000/year, leading to huge social and economic losses. Mental, neurological and substance use disorders also cause a large burden of disease and disability. The rising toll of road deaths and injuries (2—5 million hospitalizations, over 100,000 deaths in 2005) makes it next in the list of silent epidemics. Behind these stark figures lies human suffering.

Health systems are grappling with the effects of existing communicable and non-communicable diseases and also with the increasing burden of emerging and re-emerging diseases (drug-resistant TB, malaria, SARS, avian flu and the current H1N1 pandemic). Inadequate financial resources for the health sector and inefficient utilization result in inequalities in health. As issues such as Trade-Related aspects of Intellectual Property Rights continue to be debated in international forums, the health systems will face new pressures.

The causes of health inequalities lie in the social, economic and political mechanisms that lead to social stratification according to income, education, occupation, gender and race or ethnicity. Lack of adequate progress on these underlying social determinants of health has been acknowledged as a glaring failure of public health.

In the era of globalization, numerous political, economic and social events worldwide influence the food and fuel prices of all countries; we are yet to recover from the far-reaching consequences of the global recession of 2008.



The infographic features a portrait of Narendra Modi on the left, a large blue cross, and the title 'National Health Policy 2017' in bold purple and orange text. Below the title is the tagline 'Universal, easily accessible, affordable primary healthcare'. The main content is organized into four red boxes with white text, each accompanied by a medical icon: a first aid kit, a stethoscope, a pair of glasses, and a flask.

National Health Policy 2017

Universal, easily accessible, affordable primary healthcare

- Comprehensive primary health care package with geriatric, palliative and rehabilitative care.**
- Health Card for access to primary healthcare facility services anytime, anywhere.**
- Free drugs and diagnostics along with low cost pharmacy chains (Jan Aushadhi stores)**
- Free health care to victims of gender violence in public and private sector.**

ADDRESSING PUBLIC HEALTH ISSUES – THE STRATEGY AND STAKEHOLDERS

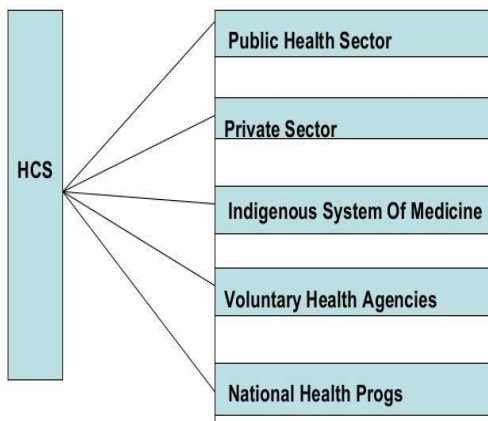
To meet the formidable challenges described earlier, there is an urgent call for revitalizing primary health care based on the principles outlined at Alma-Ata in 1978: Universal access and coverage, equity, community participation in defining and implementing health agendas and intersectoral approaches to health. These principles remain valid, but must be reinterpreted in light of the dramatic changes in the health field during the past 30 years. Attempts to achieve “Health For All” have been carried forward in the form of “Millennium Development Goals.

Public health is concerned with disease prevention and control at the population level, through organized efforts and informed choices of society, organizations, public and private communities and individuals. However, the role of government is crucial for addressing these challenges and achieving health equity. The Ministry of Health and Family Welfare (MOHFW) plays a key role in guiding India's public health system.

Contribution to health of a population derives from systems outside the formal health care system, and this potential of intersectoral contributions to the health of communities is increasingly recognized worldwide. Thus, the role of government in influencing population health is not limited within the health sector but also by various sectors outside the health systems.

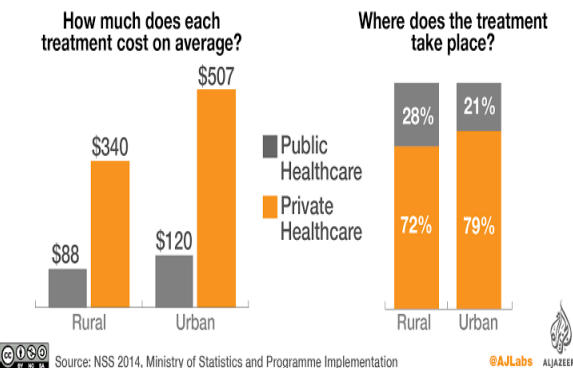
ROLE OF GOVERNMENT WITHIN THE HEALTH SECTOR

HEALTH CARE SYSTEM IN INDIA.



Public vs private healthcare

Private healthcare in India costs about four times more than the public sector, yet majority of all cases are treated by the private sector.



Health system

Health system strengthening

Important issues that the health systems must confront are lack of financial and material resources, health workforce issues and the stewardship challenge of implementing pro-equity health policies in a pluralistic environment. The National Rural Health Mission (NRHM) launched by the Government of India is a leap forward in establishing effective integration and convergence of health services and affecting architectural correction in the health care delivery system in India.

Health information system

The Integrated Disease Surveillance Project was set up to establish a dedicated highway of information relating to disease occurrence required for prevention and containment at the community level, but the slow pace of implementation is due to poor efforts in involving critical actors outside the public sector. Health profiles published by the government should be used to help communities prioritize their health problems and to inform local decision making. Public health laboratories have a good capacity to support the government's diagnostic and research activities on health risks and threats, but are not being utilized efficiently. Mechanisms to monitor epidemiological challenges like mental health, occupational health and other environment risks are yet to be put in place.

Health research system

There is a need for strengthening research infrastructure in the departments of community medicine in various institutes and to foster their partnerships with state health services.

Regulation and enforcement in public health

A good system of regulation is fundamental to successful public health outcomes. It reduces exposure to disease through enforcement of sanitary codes, e.g., water quality monitoring, slaughterhouse hygiene and food safety. Wide gaps exist in the enforcement, monitoring and evaluation, resulting in a weak public health system. This is partly due to poor financing for public health, lack of leadership and commitment of public health functionaries and lack of community involvement. Revival of public health regulation through concerted efforts by the government is possible through updation and implementation of public health laws, consulting stakeholders and increasing public awareness of existing laws and their enforcement procedures.

Health promotion

Stopping the spread of STDs and HIV/AIDS, helping youth recognize the dangers of tobacco smoking and promoting physical activity. These are a few examples of behavior change communication that focus on ways that encourage people to make healthy choices. Development of community-wide education programs and other health promotion activities need to be strengthened. Much can be done to improve the effectiveness of health promotion by extending it to rural areas as well; observing days like “Diabetes day” and “Heart day” even in villages will help create awareness at the grassroot level.

Human resource development and capacity building

There are several shortfalls that need to be addressed in the development of human resources for public health services. There is a dire need to establish training facilities for public health specialists along with identifying the scope for their contribution in the field. The Public Health Foundation of India is a positive step to redress the limited institutional capacity in India by strengthening training, research and policy development in public health. Preservice training is essential to train the medical workforce in public health leadership and to impart skills required for the practice of public health. Changes in the undergraduate curriculum are vital for capacity building in emerging issues like geriatric care, adolescent health and mental health. Inservice training for medical officers is essential for imparting management skills and leadership qualities. Equally important is the need to increase the number of paramedical workers and training institutes in India.

Public health policy

Identification of health objectives and targets is one of the more visible strategies to direct the activities of the health sector, e.g. in the United States, the “Healthy People 2010” offers a simple but powerful idea by providing health objectives in a format that enables diverse groups to combine their efforts and work as a team. Similarly, in India, we need a road map to “better health for all” that can be used by states, communities, professional organizations and all sectors. It will also facilitate changes in resource allocation for public health interventions and a platform for concerted intersectoral action, thereby enabling policy coherence.

Scope for further action in the health sector

School health, mental health, referral system and urban health remain as weak links in India's health system, despite featuring in the national health policy. School health programs have become almost defunct because of administrative, managerial and logistic problems. Mental health has remained elusive even after implementing the National Mental Health Program.

On a positive note, innovative schemes through public-private partnerships are being tried in various parts of the country in promoting referrals. Similarly, the much awaited National Urban Health Mission might offer solutions with regards to urban health.

ROLE OF GOVERNMENT IN ENABLING INTERSECTORAL COORDINATION TOWARD PUBLIC HEALTH ISSUES

The Ministry of Health needs to form stronger partnerships with other agents involved in public health, because many factors influencing the health outcomes are outside their direct jurisdiction. Making public health a shared value across the various sectors is a politically challenging strategy, but such collective action is crucial.

Social determinants of health

Kerala is often quoted as an example in international forums for achieving a good status of public health by addressing the fundamental determinants of health: Investments in basic education, public health and primary care.

Living conditions

Safe drinking water and sanitation are critical determinants of health, which would directly contribute to 70-80% reduction in the burden of communicable diseases. Full coverage of drinking water supply and sanitation through existing programs, in both rural and urban areas, is achievable and affordable

Urban planning

Provision of urban basic services like water supply, sewerage and solid waste management needs special attention. The Jawaharlal Nehru National Urban Renewal Mission in 35 cities works to develop financially sustainable cities in line with the Millenium Development Goals, which needs to be expanded to cover the entire country. Other issues to be addressed are housing and urban poverty alleviation.

Revival of rural infrastructure and livelihood

Action is required in the following areas: Promotion of agricultural mechanization, improving efficiency of investments, rationalizing subsidies and diversifying and providing better access to land, credit and skills.

Education

Elementary education has received a major push through the SarvaSikshaAbhayan. In order to consolidate the gains achieved, a mission for secondary education is essential. "Right of children to Free and Compulsory education Bill 2009" seeks to provide education to children aged between 6 and 14 years, and is a right step forward in improving the literacy of the Indian population.

Nutrition and early child development

Recent innovations like universalization of Integrated Child Development Services (ICDS) and setting up of mini-Anganwadi centers in deprived areas are examples of inclusive growth under the eleventh 5-year plan. The government needs to strengthen ICDS in poor-performing states based on experiences from other successful models, e.g., Tamil Nadu (upgrading kitchens with LPG connection, stove and pressure cooker and electrification; use of iron-fortified salt to address the burden of anemia) Micronutrient deficiency control measures like dietary diversification, horticultural intervention, food fortification, nutritional supplementation and other public health measures need intersectoral coordination with various departments, e.g., Women and Child Development, Health, Agriculture, Rural and Urban development.



Social security measures

The social and economic spinoff of the Mahatma Gandhi Rural Employment Guarantee Scheme (MREGS) has the potential to change the complexion of rural India. It differs from other poverty-alleviation projects in the concept of citizenship and entitlement. However, employment opportunities and wages have taken the center stage, while development of infrastructure and community assets is neglected. This scheme has the necessary manpower to implement intersectoral projects, e.g., laying roads, water pipelines, social forestry, horticulture, anti-erosion projects and rain water harvesting. The unlimited potential of social capital has to be effectively tapped by the government.

Food security measures

Innovations are required to strengthen the public distribution system to curb the inclusion and exclusion errors and increase the range of commodities for people living in very poor conditions. It is essential that the government puts forth action plans to increase domestic food grain production, raise consumer incomes to buy food and make agriculture remunerative.

Other social assistance programs

The RashtriyaSwasthyaBimaYojana and AamAdmiBhimaYojana are social security measures for the unorganized sector (91% of India's workforce). The National Old Age Pension scheme has provided social and income security to the growing elderly population in India.

Population stabilization

There is all round realization that population stabilization is a must for ensuring quality of life for all citizens. Formulation of a National Policy and setting up of a National Commission on Population and JanasankhyaSthirathaKosh reflect the deep commitment of the government. However, parallel developments in women empowerment, increasing institutional deliveries and strengthening health services and infrastructure hold the key to population control in the future.

Gender mainstreaming and empowerment

Women-specific interventions in all policies, programs and systems need to be launched. The government should take steps to sensitize service providers in various departments to issues of women. The Department of Women and Child Development must take necessary steps to implement the provisions of “Protection of Women from Domestic Violence Act, 2005.” Training for protection officers, establishment of counseling centers for women affected by violence and creating awareness in the community are vital steps. Poverty eradication programs and microcredit schemes need to be strengthened for economic and social empowerment of women.



Ambulanceservices

Reducing the impact of climate change and disasters on health

Thermal extremes and weather disasters, spread of vector-borne, food-borne and water-borne infections, food security and malnutrition and air quality with associated human health risks are the public health risks associated with climate change. Depletion of non-renewable sources of energy and water, deterioration of soil and water quality and the potential extinction of innumerable habitats and species are other effects. India's "National Action Plan on Climate Change" identifies eight core "national missions" through various ministries, focused on understanding climate change, energy efficiency, renewable energy and natural resource conservation. Although there are several issues concerning India's position under UNFCCC, it has agreed not to allow its per capita Greenhouse gas emissions to exceed the average per capita emissions of the developed countries, even as it pursues its social and economic development objectives.

The Ministry of Health, in coordination with other ministries, provides technical assistance in implementing disaster management and emergency preparedness measures. Deficient areas include carrying out rapid needs assessment, disseminating health information, food safety and environmental health after disasters and ensuring transparency and efficiency in the administration of aid after disasters. Implementation of Disaster Management Act, 2005 is essential for establishing institutional mechanisms for disaster management, ensuring an intersectoral approach to mitigation and undertaking holistic, coordinated and prompt response to disaster situations.

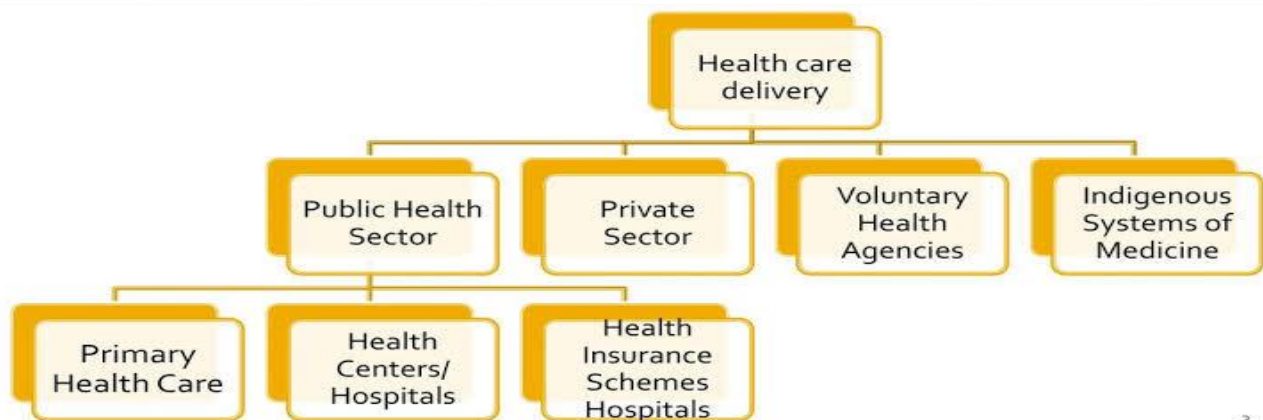
Community participation

Community participation builds public support for policies and programs, generates compliance with regulations and helps alter personal health behaviors. One of the major strategic interventions under NRHM is the system of ensuring accountability and transparency through people's participation – the RogaKalyanSamitis. The Ministry of Health needs to define a clear policy on social participation and operational methods in facilitating community health projects. Potential areas of community participation could be in lifestyle modification in chronic diseases through physical activity and diet modification, and primary prevention of alcohol dependence through active community-based methods like awareness creation and behavioral interventions.

Private sectors, civil societies and global partnerships

Effective addressing of public health challenges necessitates new forms of cooperation with private sectors (public-private partnership), civil societies, national health leaders, health workers, communities, other relevant sectors and international health agencies (WHO, UNICEF, Bill and Melinda Gates foundation, World Bank).

Healthcare Delivery System In India



3

Governance issues

In order to ensure that the benefits of social security measures reach the intended sections of society, enumeration of Below Poverty Line families and other eligible sections is vital. Check mechanisms to stop pilferage of government funds and vigilance measures to stop corruption are governance issues that need to be attended. The government should take strict action in cases of diversion of funds and goods from social security schemes through law enforcement, community awareness and speedy redressal mechanisms. Social audits in MREGS through the Directorate of Social Audit in Andhra Pradesh and Rajasthan are early steps in bringing governance issues to the fore. This process needs strengthening through separate budgets, provisions for hosting audit results and powers for taking corrective action. Similar social auditing schemes can be emulated in other states and government programs like ICDS, which will improve accountability and community participation, leading to effective service delivery.

CONCLUSIONS

In this changing world, with unique challenges that threaten the health and well-being of the population, it is imperative that the government and community collectively rise to the occasion and face these challenges simultaneously, inclusively and sustainably. Social determinants of health and economic issues must be dealt with a consensus on ethical principles – universalism, justice, dignity, security and human rights. This approach will be of valuable service to humanity in realizing the dream of Right to Health. The ultimate yardstick for success would be if every Indian, from a remote hamlet in Bihar to the city of Mumbai, experiences the change.

It is true that a lot has been achieved in the past: The milestones in the history of public health that have had a telling effect on millions of lives – launch of Expanded Program of Immunisation in 1974, Primary Health Care enunciated at Alma Ata in 1978, eradication of Smallpox in 1979, launch of polio eradication in 1988, FCTC ratification in 2004 and COTPA Act of 2005, to name a few. It was a glorious past, but the future of a healthy India lies in mainstreaming the public health agenda in the framework of sustainable development. The ultimate goal of great nation would be one where the rural and urban divide has reduced to a thin line, with adequate access to clean energy and safe water, where the best of health care is available to all, where the governance is responsive, transparent and corruption free, where poverty and illiteracy have been eradicated and crimes against women and children are removed – a healthy nation that is one of the best places to live in.

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DEPARTMENT OF ZOOLOGY

2019-2020.

JIGNASA STUDY PROJECT

TOPIC:Project on **TWINS**

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CERTIFICATE

This is to certify that the following BSc.BZC I & III SEMESTER students have been done by a project on **TWINS**.as a part of JIGNASA student study project for the academic year 2019-2020.under the supervision of B.John Babu Lect. In Zoology, SUM GDC Kondanagula.

S.NO	Name of the student	Course	Semester
1	S. Kumar	BZC E/M	III Semester
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3	B.SAI LEELA	BZC E/M	I Semester
4	J. RAJITHA	BZC T/M	III Semester
5	A.NARENDER	BZC T/M	I Semester
5	V. PRASANTH	BZC E/M	I Semester

Hence certified

Signature of the lecturer

Principal



STUDY PROJECT ON: **TWINS**

Abstract

We know that twin pregnancy percentage is increasingly because twin motherhood is often the result of assisted reproduction or higher maternal age. After a screening about twins (by a questionnaire to all schools of Piedmont), our project involved the activation of informative meetings for parents and for all the people who participate in the family life and it provided educational and informative events for territorial service operators, including nursery, primary and secondary schools. We believe that rightly conducted prevention can remedy a great deal of parental problems, resulting in better quality of couple life and better opportunities of affective and cognitive development for children. Our research work is meant as an indispensable theoretical and methodological foundation to the setting of prevention, information, education and intervention programmers on territory with the collaboration among psychologists and gynecologists,

INTRODUCTION

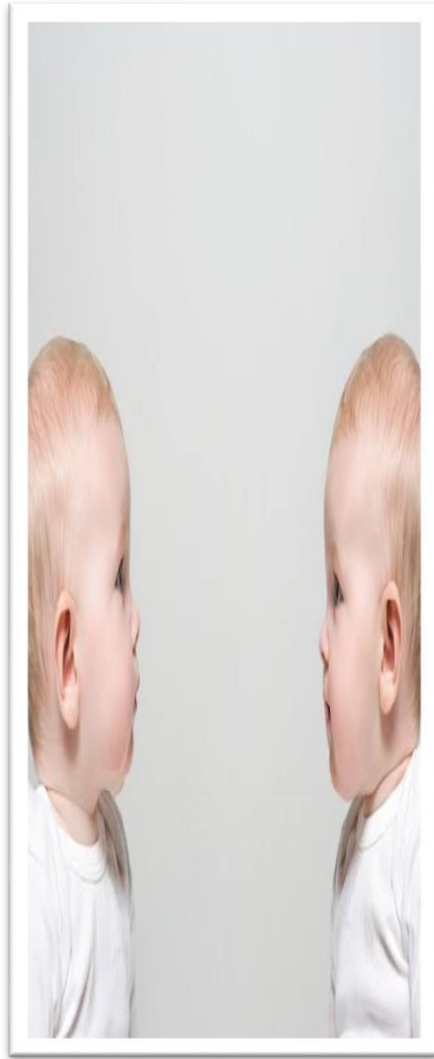
The two babies born at a time for a mother are called twins. Twins are due to multiple pregnancy. There are three types of twins. They are the following:

1. **Identical Twins**
2. **Fraternal Twins**
3. **Siamese Twins.**

1. IDENTICAL TWINS.

Identical twins are extremely similar in their characters. They are developed from a single zygote. So they are also called Monozygotic twins. They have the following salient features.

1. They are the same sex.
2. They have the same type of genes.
3. They have the same type of blood groups.
4. They have very similar temperaments, disposition and mental capacities.
5. They are generally opposite handed, one twin is right handed and other twin is left handed.
6. The identical twins developed from a single zygote. During cleavage, the zygote divided into two blastomeres. The blastomeres separate and each blastomere develops into a baby, hence the two babies are similar in all aspects.



Identical Twins

Mother's Egg + Father's Sperm



ZYGOTE



Zygote material duplicates

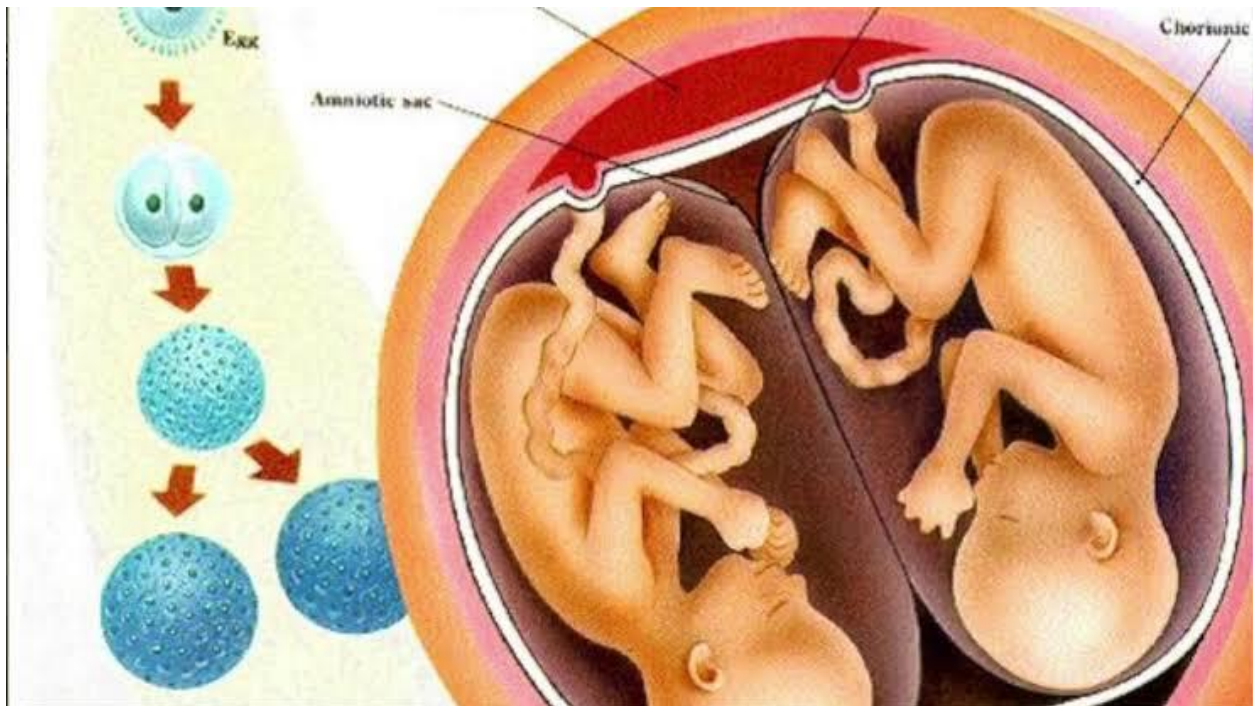


Zygote splits.



Zygote-1

Zygote-2



IDENTICAL TWINS

2 FRATERNAL TWINS

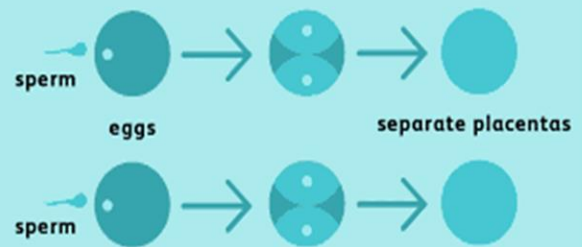
Fraternal twins are like ordinary brothers and sisters. They develop from two independent zygotes. So they are also called Dizygotic twins. They are formed by the fertilization of two eggs by two sperms. They may be of the same sex or opposite sexes. They have different genotype. So they have dissimilar characters. So they are called non identical twins.

Generally a lady produced only one egg at a time. But some times two eggs are produced simultaneously. The two eggs are fertilized by two sperms producing fraternal twins. If both eggs are fertilized by sperms containing X chromosomes, female babies are produced. If both the eggs are fertilized by sperms containing Y chromosomes, male babies are produced. If one egg is fertilized by X carrying sperm and another by Y carrying sperm, both male and female babies are produced.



Fraternal Twins

- Develop from 2 sets of egg and sperm
- Same sex or one of each



Identical Twins

- Develop from same egg and sperm
- Same sex



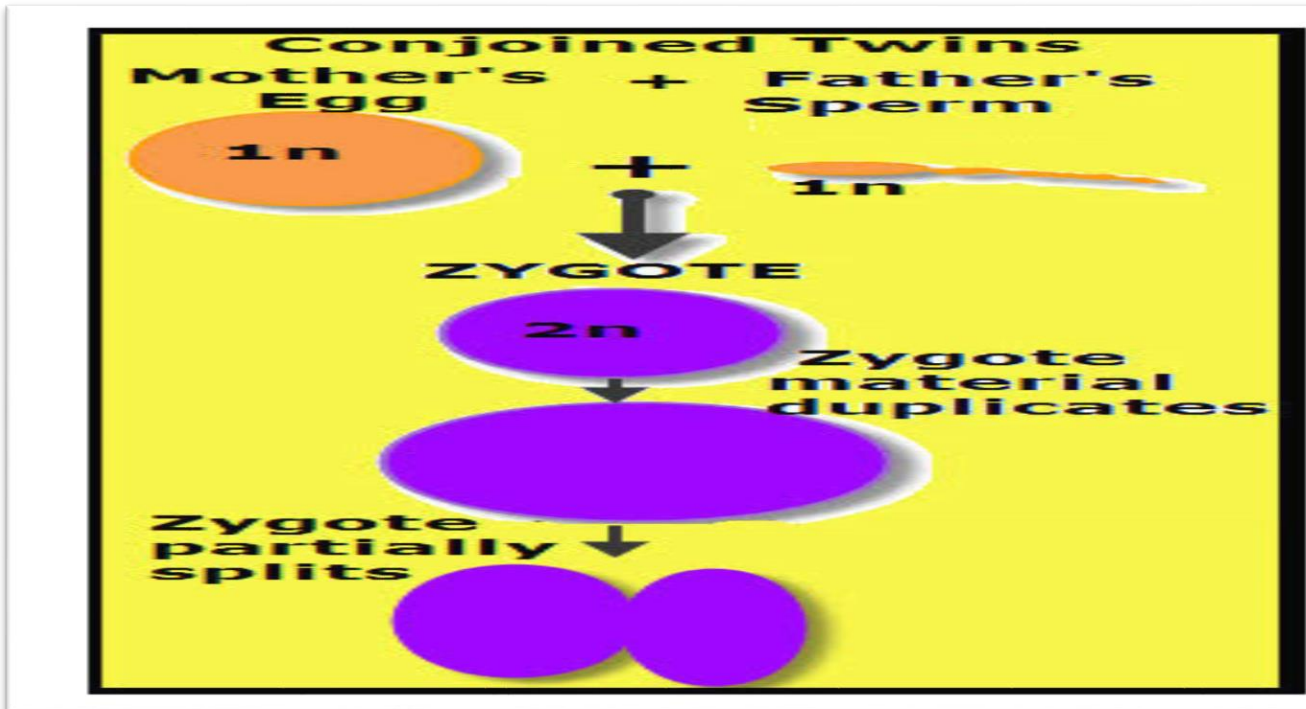
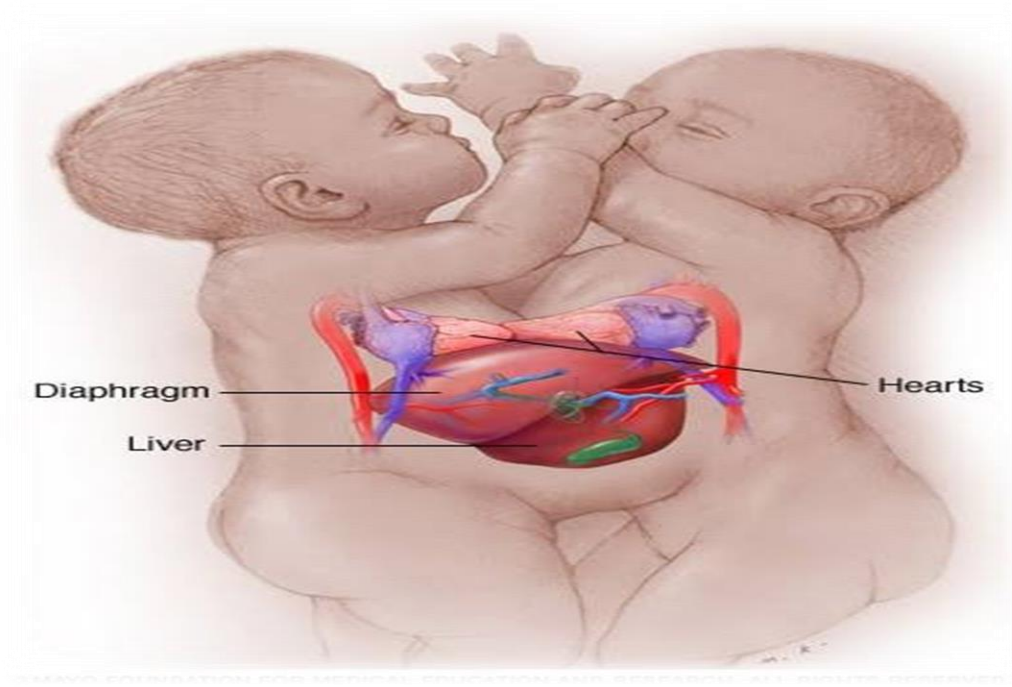
verywell

3 Siamese twins

These twins are born for the first time in Siam; hence they are called Siamese twins. Siamese twins are similar to identical twins. They develop from a single egg. So they are also monozygotic twins. They are joined tighter physically.

The zygote divides into two blastomeres. The blastomeres partially separate. These blastomeres develop into two babies. They may be attached in the head region or trunk region or hip region. They may have a double head and a single trunk. Sometimes they are double in the trunk region and single in the head region. On certain occasions they are in the head and leg regions and united only in a small area at the hips. They are also called abnormal twins.

The Siamese twins are same sex. They have the same type of genes.



CONJUGATED TWINS

Importance of twin study.

- 1. The study of the heredity of twins helps to understand the heredity and environmental characters. The identical twins contain the same type of genes because they develop from one egg. So all the characters which are similar are hereditary characters. The character which is present in one twin and absent from the other twin is produced by the environment. Observation of this shows that intelligence, diabetes, feeble mindedness ect. Are hereditary characters.**
- 2. The study of twins also helps to understand the influences of environment on twins. If the environment is similar twins show partially no difference. If the twins are reared apart there is differently difference in the heredity characters. These differences are by the environment.**

REFERENCE;

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