



BABU JAGJIVAN RAM GOVERNMENT DEGREE COLLEGE

Narayanaguda, Hyderabad.



**STUDENT STUDY PROJECT
COMMITTEE**

***‘Parishodhana-Vidya Purogathi’* Student Study Project Committee**

BRIEF INTRODUCTION: Student study Project is a method of teaching that presents students with a problem or challenge to solve, and requires them to gather information from various resources. Students were asked to come up with an original solution that ends in a product or performance. Study Projects are great learning tools because they challenge students to work together, think in new ways, use a variety of linguistic, content, and social skills, and incorporate creativity. SSP is an excellent approach to providing multiple options for students with different learning preferences and linguistic levels. Projects can engage students in a way that other types of classroom activities generally do not, which leads to better managed classes and more effective learning. Projects should be tied to the curriculum and allow students to apply their knowledge in ways that lead to deep, meaningful learning and real communication.

Objectives:

1. To enable the students to critically examine and solve the challenges in science and arts domains.
2. To encourage the students to formulate the problem statements.
3. To inculcate critical thinking and creative abilities among the students.
4. To build their personality, soft skills and inculcate a habit of working in team spirit.

Outcomes:

- Students enthusiastically involved in research and study projects.
- Developed their communication and creative skills
- Learnt to work in teams
- Improved their confidence levels
- Eagerly participated in the Jignasa Student study project and won state level prizes.

CONVENOR & MEMBERS: Dr. A. Santhoshi
Smt. E. M. Sunitha
Sri. P. Giridhar
Dr. V. V. Mallika
Smt. Tasleemunnisa

ACTIVITIES

ONE DAY WORKSHOP

ON

“Awareness programme on Jignasa Student Study Project”





**BJR GOVERNMENT DEGREE COLLEGE,
NARAYANAGUDA, HYDERABAD**
Jignasa Student Study Project List -2021-2022

College level

| S/NO | Project Title | Subject |
|------|--|-------------------|
| 1. | Importance of LSRW Skills and their range in language learning | English |
| 2. | Batukamma Paatalalo Telangana Samskruti | Telugu |
| 3. | Snatakiye Hindi Pathyakram mein stree patro ki bhumika aur mahatva | Hindi |
| 4. | Automation of Sea Breeze front detection using satellite imagery and Digital image Processing | Computer science |
| 5. | A Green approach on Soil PH Analysis and acid base Titration using <i>Convolvulus pluricaulis</i> flower extract as natural indicator. | Chemistry |
| 6. | Biomaterial Preparation and Application for medical implants | Physics |
| 7. | Barren to Green: Innovative and Novel Techniques for enhancing the Green Cover | Botany |
| 8. | Diabetes mellitus as an Inherited Disease– Assessing lifestyle behaviour-A Case study Investigation. | Zoology |
| 9. | A study on social media or Digital marketing strategies over traditional marketing post covid-19 pandemic | Commerce |
| 10. | A Study on Temples in Hyderabad City- Historical Approach | History |
| 11. | “Awareness on women centric security measures in Telangana”-A study in Rural and Urban Areas | Political Science |

**BJR GOVERNMENT DEGREE COLLEGE,
NARAYANAGUDA, HYDERABAD**
JIGNASA STUDENT STUDY PROJECT LIST -2021-2022
SELECTED FOR CLUSTER LEVEL

| S/NO | Project Title | Subject |
|------|---|------------------|
| 1. | Automation of Sea Breeze front detection using satellite imagery and Digital image Processing | Computer science |
| 2. | Biomaterial Preparation and Application for medical implants | Physics |
| 3. | Barren to Green: Innovative and Novel Techniques for enhancing the Green Cover | Botany |
| 4. | A Study on Temples in Hyderabad City- Historical Approach | History |

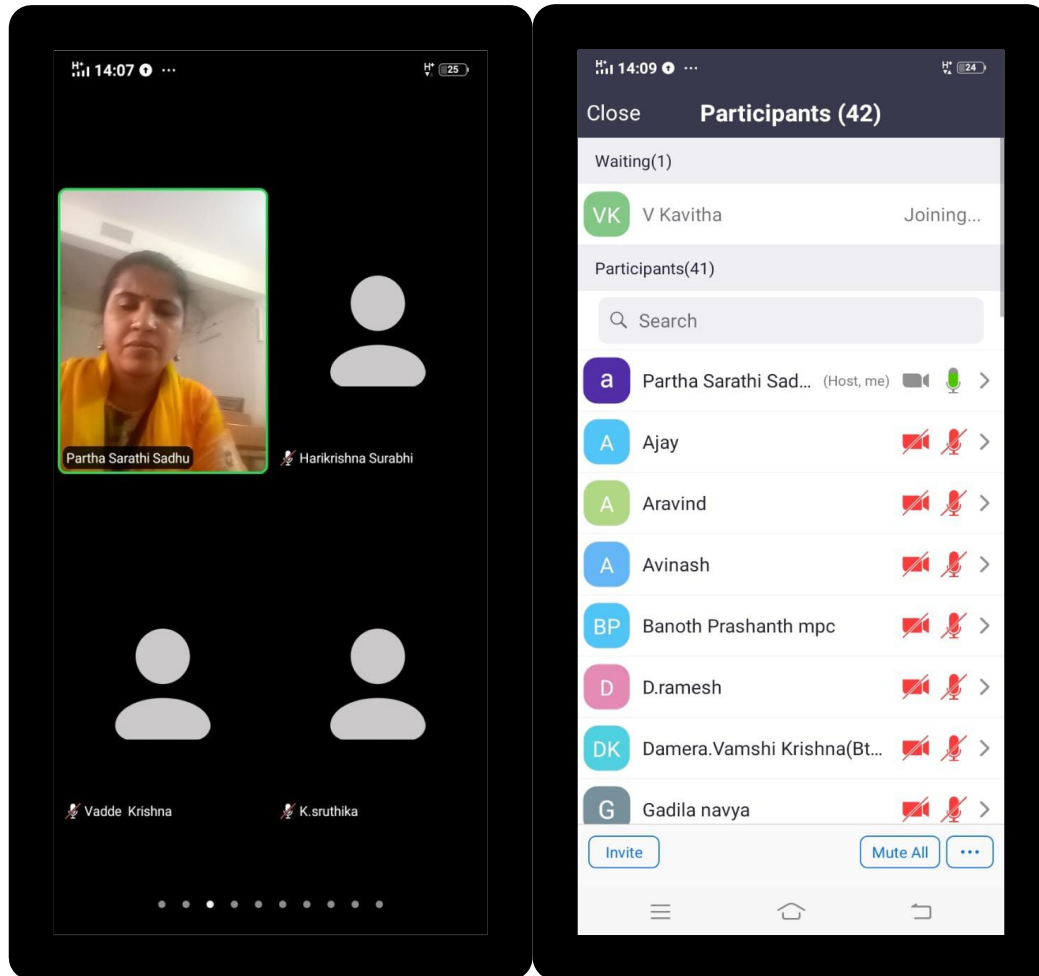
Academic year 2019-2020

ONE DAY WORKSHOP

ON

“RESEARCH SKILLS”

16-03-2019



JIGNASA STUDENT STUDY PROJECT LIST -2019-2020
COLLEGE LEVEL

| S/NO | PROJECT TITLE | SUBJECT |
|-------------|--|------------------|
| 1. | Nanomaterials-investigations on preparation & properties of various transparent conductive oxide(ZnO) thin films | Physics |
| 2. | Propose for third year syllabus for degree second language telugu | Telugu |
| 3. | Derivatives of functions on Time scales | Mathematics |
| 4. | Monitoring Of Spatial Analysis Of Electricity Restoration During Cyclone Fani Using Image Processing With Viirs Dnb Data | Computer science |
| 5. | Introducing chemdraw tool at UGlevel to improve the chemical structure drawing skills in chemistry | Chemistry |
| 6. | A study on the opportunities challenges for the new entrepreneur stertual firms | Commerce |
| 7. | Identification & functional validation of antibacterial bioactive compounds from humidesmus indius roots | Botany |
| 8. | A study on the role of special economic zones in transitional Economics | Economics |



STATE LEVEL WINNER

| SNo. | Event | Title | Students/Supervisor |
|------|--|--|---|
| 1 | JIGNASA 2019-20 Student study project Commendable Prize winners Computer Science | Monitoring Of Spatial Analysis Of Electricity Restoration During Cyclone Fani Using Image Processing With Viirs Dnb Data | B.Sc II Year Swetha, Anusha, Srikanth, Hariprasad, Gopal Krishna Supervisor: Dr. SambasivaRao Baragada |



ACADEMIC YEAR 2018-2019

ONE DAY WORKSHOP

ON

“RESEARCH SKILLS”

Date: 22-09-2018



JIGNASA STUDENT STUDY PROJECT LIST -2018-2019

LIST OF STATE LEVEL WINNERS

| S/NO | SUBJECT | TOPIC | SUPERVISOR | STUDENTS |
|------|-----------------------|---|--------------------------------|---|
| 1 | Public Administration | Good Governance Through E-Governance: A Study of Telangana palle Samagra Seva Kendralu | Ms.V.V.Mallika | O.Karthik-BA EPP-IIyr M.Dinesh BA EPP-IIyr B.Pradeep BA EPP-IIyr T.Swamy-BA EPP-IIyr, K.Parasuram-BA-HPP-IIIyr Nitish Kumar-BA-HEP-IIYr |
| 2 | Computer Science | A novel digital image processing approach to compute radius of wind maximum | Dr.B.Sambasivarao | A.Shiva Sai, A.Manasa Nikhil Kumar K.Kokila M.Prashanth B.Sai kumar |
| 3 | Botany | Identification of Anti-Bacterial Activity of Zingiber Officinale on Pathogenic Bacteria | Dr.N.RaviBabu & Lt.E.M.Sunitha | B.Prem Kumar B.Nikitha, B.ShivaKrishna, K.Prashanth Reddy, Md.Majidunnisa Begum, S.Devender |
| 4 | Chemistry | A Novel approach for the development of Latent finger Print by Iodine-Solvent Method in Crime Science | Dr.A.Santhoshi & D.Prakash | N.Poojitha B.Sc (MPC) I Year, K.Bhuvaneshwari B.Sc (MPC) Iyear, Omkaar B.Sc (BZC) I Year, P.Prathibha B.Sc (MPC) II Year B.Srilatha B.Sc (MPC) II Year |





LIST OF CLUSTER LEVEL WINNERS

| S/ NO | SUBJECT | TOPIC | SUPERVISOR | STUDENTS |
|-------|-----------------------|---|--------------------------------|---|
| 1 | Chemistry | A Novel approach for the development of Latent finger Print by Iodine-Solvent Method in Crime Science | Dr.A.Santhoshi & C.Prakash | N.Poojitha B.Sc (MPC) I Year, K.Bhuvaneshwari B.Sc (MPC) Iyear, Omkaar B.Sc (BZC) I Year, P.Prathibha B.Sc (MPC) II Year B.Srilatha B.Sc (MPC) II Year |
| 2 | Botany | Identification of Anti-Bacterial Activity of Zingiber Officinale on Pathogenic Bacteria | Dr.N.RaviBabu & Lt.E.M.Sunitha | B.Prem Kumar B.Nikitha, B.ShivaKrishna, K.Prashanth Reddy, Md.Majidunnisa Begum, S.Devender |
| 3 | Public Administration | Good Governance Through E-Governance: A Study of Telangana palte Samagra Seva Kendralu | Ms.V.V.Mallika | O.Karthik-BA EPP-IIyr M.Dinesh BA EPP-IIyr B.Pradeep BA EPP-IIyr T.Swamy-BA EPP-IIyr, K.Parasuram-BA-HPP-IIIyr Nitish Kumar-BA-HEP-IIYr |
| 4 | Computer Science | A novel digital image processing approach to compute radius of wind maximum | Dr.B.Sambasivarao | A.Shiva Sai, A.Manasa Nikhil Kumar K.Kokila M.Prashanth B.Sai kumar |
| 5 | Physics | A study on characterisation of ferrites | Dr.S.E.Naina Vinodini | A.Saikumar B.Dhanalakshmi D.Poornachandra Rahath Anjum G.Preethi |

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|---|---------|--|--|--|
| 6 | Telugu | Sanathana Aacharalalo aarogya rahasyalu- paryavarana parirakshana | Dr.k.Surya narayanamurty & G.Sukanya | Saikumar, Raikumar, Sindhujha, Madhu, S.Prabhavati |
| 7 | Zoology | Process of respiration – Chick in its Egg shell | Smt.J.Asha & N.Mrudula | Gnana Deepu Puli, Sai kumar Nemmani, Yadamma Gunolla, Sankeerthana naga puri, Sushma Korra |