











మాండలిక పదాల అర్థములు

- 1) ఏలుకోళ్ళు = చిట్టెలు.
ఏలు = ఏలడం, చిరిపాలించడం.
- 2) కైపుడు = తినడం.
కైరండ = కేలు, కై, చేయి.
సాపుడు = తినడం.

GOVERNMENT OF TELANGANA
Commissionerate of Collegiate Education
JIGNASA - 2021-22
STUDENTS STUDY PROJECT
STATE LEVEL PRESENTATION
Government City College
Nayapul, Hyderabad.
Sponsored by
State Project Directorate, 2021



GOVERNMENT OF TELANGANA
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JIGNASA - 2021-22
STUDENTS STUDY PROJECTS
STATE LEVEL PRESENTATIONS
Government City College (A)
Nayapul, Hyderabad.
Sponsored by
State Project Directorate, RUSA

మొగింపు సూచనలు - కే. ఆదవించ

- అందరినీ దీనికోసం మార్గం సూచించి అందించాలి.
- అన్ని అంశాలను.
- అంది చేయాలి.
- అందరినీ ప్రోత్సహించాలి.
- దీనిని సమర్థించాలి. అందరినీ ప్రోత్సహించి అందించాలి.







సమాజానికి ఉపయోగపడే పరిశోధనలు చేపట్టాలి

పరకాల ప్రభుత్వ డిగ్రీ కాలేజి ప్రిన్సిపాల్ డాక్టర్ ఎల్. ఇందిరాదేవి



పరకాల, ఏప్రిల్ 28, సూర్య న్యూస్ : డిగ్రీ స్థాయి నుండి విద్యార్థులు పరిశోధన దృక్పథాన్ని ఆలవరుచుకోవడం ద్వారా భవిష్యత్ లో సమాజానికి ఉపయోగపడే పరిశోధనలు చేపట్టాలని పరకాల ప్రభుత్వ డిగ్రీ కాలేజి ప్రిన్సిపాల్ డాక్టర్ ఎల్. ఇందిరాదేవి అన్నారు. గురువారం హైదరాబాద్ లోని సిటి కళాశాలలో జరిగిన రాష్ట్ర స్థాయి జిజ్ఞాస్ పోటీలకు పరకాల ప్రభుత్వ డిగ్రీ కాలేజిలో చదువుతున్న సుకన్య, విశ్వతేజ, నాగలక్ష్మి, కవిత, అరవింధ్లు జిజ్ఞాస్ రాష్ట్ర స్థాయి పోటీలకు ఎంపిక కావడం పట్ల హర్షం వ్యక్తం చేశారు. ఈ సందర్భంగా డాక్టర్ ఎల్. ఇందిరాదేవి మాట్లాడారు. ప్రాజెక్ట్ కు పర్యవేక్షకులుగా తెలుగు విభాగం అసిస్టెంట్ ప్రొఫెసర్ ఈశ్వర్ వ్యవహరించినట్లు తెలిపారు. డిగ్రీ కాలేజి విద్యార్థులు జిజ్ఞాస్ పోటీలకు రాష్ట్ర స్థాయిలో ఎంపిక కావడం పట్ల అధ్యాపకులు, అధ్యాపకేతర బృందం హర్షం వ్యక్తం చేస్తూ విద్యార్థులకు అభినందనీలు తెలిపారు.

**PROCEEDINGS OF THE COMMISSIONER OF COLLEGIATE EDUCATION
TELANGANA :: HYDERABAD.**

Present: Sri. Navin Mittal, IAS.

Sub: Collegiate Education- Jignasa- Student Study Projects-2021-22- Prize Distribution Ceremony- List of I, II, III Prize Winners- Instructions-Issued- Reg.

Ref: File No. CCE-AC/JIGN/1/2021-ACADEMIC CELL, Dated: 20.04.2022

With reference to the subject cited, it is informed that the Government of Telangana is giving utmost importance for enhancing quality in Higher Education Institutions and taking several initiatives like encouraging students to work on project based learning which eventually inculcates the habit of research and identify the problems and solutions for the same.

In this connection, Commissionerate of Collegiate Education has instructed all the Principals to encourage students to participate in Group Study Projects in 15 subjects. After the preparation of the projects, selections were carried out at College and District level and the selected projects were submitted for State Level Selections. The State Level Presentation programme was held from 28th to 30th April 2022 at Government City College (A), Nayapul; Government Degree College, Khairatabad & Indira Priyadarshini Government Degree College for Women, Nampally, Hyderabad. Professors, Associate Professors & Assistant Professors from various Universities were invited to evaluate and select the best projects.

In continuation with Jignasa-State Level Presentation and Selection of Student Study Projects programme, a Prize distribution ceremony for the winners of Jignasa 2021-22 is planned on **23rd, May, 2022** at the **Potti Sreeramulu Telugu University, Hyderabad** from 9:00 AM to 1:30 PM

The following instructions have to be followed by the Prize Winning Colleges for the prize distribution ceremony:

- 1.** The Principals are informed to make arrangements for the Winners of Jignasa - **Student Study Projects to attend the Prize Distribution Function along with their Supervisor/Mentor at 9:00 AM** on 23rd, May, 2022.
- 2.** The Projects selected for First Prize shall be awarded with Rs.25,000/-

cash prize for the group and Rs.5,000/- for the Mentor/Supervisor. The Projects selected for Second Prize shall be awarded with Rs.18,000/- cash prize for the group and Rs.3,000/- for the Mentor/Supervisor. The projects selected for Commendable Project Work shall be awarded with a Certificate of Merit.

3. The Cash prize for the Prize Winners shall be issued in favour of the Principal of the concerned College. The Principals are therefore requested to distribute the amount equally among the winning students of the team through cross cheque and acquire a stamped receipt from the students concerned. The acquaintance along with the compliance report shall be made available to O/o CCE on or before 30th May, 2022.
4. The Principals shall bring the cheques for the programme in favour of the Supervisor and the students of the first and second prize winners neatly placing each cheque in a **transparent cover and hand it over to the State Coordinators at 9 AM on 23rd May, 2022.**
5. The Principals, Supervisors and the students of 45 prize winning projects attending the Function of Jignasa- Student Study Projects prize distribution ceremony shall claim transport expenditure from the available funds of respective colleges based on the actual bus fare.
6. **The list of Jignasa- Student Study Projects Prize winners is placed in the Annexure for information.** The Mentors/Supervisors are instructed to submit one page (A4 Size) brief synopsis of the project covering aspects like Aim and Objectives of the project, Research Methodology, Analysis of Data, Findings, Conclusions and Suggestions **for publishing in the Jignasa Magazine. The format for the synopsis is as follows:**
 - Font Style: Times New Roman**
 - Font Size: 12**
 - Spacing: 1.5**
7. The Synopsis of all the selected projects shall be mailed to **Jignasa-ce@ telangana.gov.in** on or before 17th, May, 2022.
8. A committee with the following members is constituted for the overall coordination of Prize Distribution Ceremony. .The State level

Jignasa Coordinators are:

- Dr.D.Pushpa, Assistant Professor of Mathematics, GDCWA Begumpet
- Dr.Y.Vasudeva Reddy, Assistant Professor of Physics, GDC(A), Nayapul
- Dr.P.S.Rajani, Assistant Professor of Zoology, GDCWA Begumpet
- Dr. Rakesh Bhavani, Assistant Professor of Telugu, GDC Hayathnagar
- Dr.A.Venkatesham, Assistant Professor of Economics, TARA GDC (A), Sangareddy.
- Dr.K.Suryanarayana, Assistant Professor of Commerce, BJR GDC Narayanaguda
- Ms. Roopna Ravindran, Assistant Professor of English, GDC, Chevella
- Ms.G.N Radhika, Assistant Professor of Zoology, GDC , Patancheru

The Principals of the Colleges mentioned above shall relieve the State Level Coordinators for organizing the programme from 21.05.2022 to 23.05.2022.

9. The Principals, Supervisors of Prize Winning Colleges shall be given On Duty Certificates.

Annexure

Jignasa 2021-22 Student Study Projects-State Level Presentations

List of I, II, III Prize winners

Subject: English					
S.No	District	Name of the GDC	Name of the Project	Name of the Supervisor	Prize
1	Hyderabad	GDCWA Begumpet	Assessment of Errors in Written and Spoken Language: A Study of Undergraduate Students in Government Degree College.	Dr. M.Nancy Serena	First

2	Ranga Reddy	GDC Hayathnagar	Bharish- Our Own Desi English	DSSR Krishna	Second
3	Nalgonda	GDC Nalgonda	Impact of Social Media on English Language Learning	Ch. Sudhakar	Third
Subject: Telugu					
1	Hanamkonda	GDC Parkal	Upa Kulalu Maarmika Bhasha- Uniki, Asthitvam	Gajavelli Eeshwar	First
2	Medak	GDC Medak	Swatanthrya amrutotsavalu- Swatanthrya spoorthi	M.Venugopal Sharma	Second
3	Nirmal	GDC Nirmal	Nirmal Jilla shatakavula parichayam- Parisheelana	T.Narsaiah	Third
Subject: Hindi					
1	Sangareddy	GDC Patancheru	Hindi mein Rozgaar ki sambhaavnaayen	Poonam Kumari	First
2	Hyderabad	GDCWA Begumpet	Pathrkaaritha- kab, kaha, kyu aur kaise?	Dr. J. Saritha	Second
3	Hyderabad	GDCW Nampally	Subhadra Kumari Chauhan Vyaktitva avam Krititva	Dr.Bhagyavathi Shelar	Third
Subject: Urdu					
1	Nizamabad	GDC Nizamabad	A study on Urdu news portals in Telangana importance and effects	Mohd. Abdul Rahman	First
2	Nizamabad	GDC Bodhan	The importance & necessity of children's literature	Naheeda Begum	Second
3	Sangareddy	GDC Zaheerabad	Urdu ki Taraqi Vo Farogh Mein Social Media Ka Kirdar	Dr. Ayesha Begum	Third
Subject: History					
1	Hyderabad	GDCWA Begumpet	A Social History of the epidemics	Dr.K.Vijay Kumar	First

			in the state of Hyderabad from 1897 to 1948: impact and attenuation	& Dr.I Sandhya Jyothsna	
2	Hyderabad	GDC Khairatabad	Museum's in Nizam State (1724-1948 A.D.)	Dr. K. Padma	Second
3	Hyderabad	GDC Narayanaguda	Temples in Hyderabad city: Historical Review	H. Geeta & Dr.Govind Vittal Rao Deshmukh	Third
Subject: Economics					
1	Bhadradi Kothagudem	GDC Bhadrachalam	Awareness of Early Marriage risks-A case study at Bhadrachalam division (ITDA)	K.Surya Rao	First
2	Siddipet	GDC Siddipet	MGNREGA: Source of Livelihood During The Pandemic Period - Evidence from Siddipet District in Telangana State	Dr.M. Sraddanandam	Second
3	Hyderabad	GDC Khairatabad	An Empirical study of Cess in Telangana (with special reference to Cess on Petrol)	Dr. P. Sujatha	Third
Subject: Political Science & Public Administration					
1	Hanamkonda	GDCWA Warangal	Issues and challenges of women at workplace -A case study of Revenue Department in Hanamkonda District	Dr.D. Ramakrishna Reddy	First
2	Nalgonda	GDC Nalgonda	Empowerment of women through political participation - A case study of Nalgonda Municipality	S.Yadagiri	Second
3	Ranga Reddy	GDC Hayathnagar	Issues and Challenges of Social Inclusion of	M. Samuel Praveen Kumar	Third

			Transgender in India- A review of Yogyakarta Principles.		
Subject: Commerce					
1	Hyderabad	GDCA Nayapul	The study of Cryptocurrency growth and Assessment of Volatility with reference to Bitcoin and Ethereum currencies	Dr.K.Mallikarjuna Rao	First
2	Kamareddy	GDC Kamareddy	A study on consumer rights and awareness on rural consumers - A special reference to Kamareddy district	B. Sharath Reddy	Second
3	Karimnagar	GDC Karimnagar	Impact of COVID-19 Pandemic on MSMEs: A Study of Karimnagar District	Dr. M. Malla Reddy	Third
Subject: Botany					
1	Hyderabad	GDC Narayanaguda	Barren to Green - Innovative and Novel Miyawaki Techniques for Enhancing the Green Cover	Dr.N.Ravi Babu & E. M.Sunitha	First
2	Hyderabad	GDC Khairatabad	Impact of covid-19 on student's Health and Psychology	Dr.P.Vijaya	Second
3	Nirmal	GDC Nirmal	Devastation of gokusukattu cheruvulu (chair type tanks) in Nirmal: A case study.	S.Pavan Kumar	Third
Subject: Biotechnology & Microbiology					
1	Hanamkonda	GDCWA Warangal	An experimental Study of Microbial Fuel Cells for electricity generation:	Dr. G.Renuka	First

			Performance Characterization and Capacity improvement		
2	Siddipet	GDCA Siddipet	Evaluation of bacterial contamination of biometric devices used by college students and staff	Dr. G. Madan Mohan	Second
3	Hyderabad	GDCWA Begumpet	Study of milk adulteration in Hyderabad	Dr.A.Madhuri & K.Bharathi Bai	Third
Subject: Zoology					
1	Nizamabad	GDCA Nizamabad	A Study and Survey on the Preservation of Stem Cells in Nizamabad District	G.Srinivas Reddy & Dr.Rafia Yasmeen	First
2	Hyderabad	GDC Khairatabad	A study on the ecological succession state of few surface water bodies (Lakes and Ponds) in Hyderabad	Dr.K.Vijaya Prasada Rao	Second
3	Nalgonda	GDCW Nalgonda	Impact of nutritional counselling on BMI & haemoglobin percentage in students of GDC (W), Nalgonda.	R.Naresh	Third
Subject: Chemistry					
1	Hyderabad	GDCWA Begumpet	Hydrogen- The fuel of the future	Dr.G.Pranitha & Dr. Rafiya Sultana	First
2	Hyderabad	GDCA Nayapul	Controlled release of Volatile organic compound by pH sensitive hydrogels	Dr.Dayanand & Dr Viplav Duth shukla	Second
3	Medchal	GDC	Biosynthesis of	Dr.Vani Inavolu	Third

		Kukatpally	Silver nanoparticles from Mulberry fruit extract and their antioxidant activity	& Dr.P.Vinod Kumar Goud	
Subject: Physics					
1	Siddipet	GDCM Gajwel	The Importance of energy audit at institutional level	M. Bhavani	First
2	Hyderabad	GDCA Nayapul	The Role of physics in Criminal Investigation: An Empirical Study.	Dr.S.E.Naina Vinodini	Second
3	Bhadradri Kothagudem	GDC Paloncha	The Impact of Fly Ash produced in Thermal power plants and Industries Remedial measures & Alternatives	S.Rambabu	Third
Subject: Mathematics					
1	Hyderabad	GDCA Nayapul	Application of Linear programming for Profit Maximization and Cost Minimization : A case study of SP Accure Labs Private limited Pharmacy company in Hyderabad	Dr.K.Sarada & KM.Swarna Latha	First
2	Hyderabad	GDC Khairatabad	Magic squares and their Applications	Dr.K.Venkateswarlu	Second
3	Hyderabad	GDCWA Begumpet	Application of Mathematics in validation and verification of check digit	K.Sri Koteswar Rao	Third
Subject: Computer Science & Applications					

1	Nalgonda	GDCA Nalgonda	Face recognition based attendance system	SP Venkata Ramana & Md. Thousif Ahemad	First
2	Nizamaba d	GDCA Nizamabad	G-tutor	P.Vivekanand & M.Kiran Kumar Goud	Second
3	Hyderabad	GDC Narayanagu da	Automation of Sea Breeze front detection using Satellite Imagery and Digital Image Processing	Dr. B.Sambasiva Rao	Third

(Orders of CCE have been obtained in the Note File)

**Signed by D Thiruvengala
Chary**

Date: 10-05-2022 18:37:51

Reason: Approved

For Commissioner of Collegiate Education