



Brochure/ Invitation of the Event



GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM

(2022-2023)

General Guidelines of the Event

- Each theme has 01 Coordinator, usually given under and he is the responsible for coordinating the entire event & also select the members (1st, 2nd & 3rd).
- Each student has to participate in one of 02 Thematic Events & mandatorily one in Forenoon & one in Afternoon.
- Registration fee for each theme is Rs. 100/- (Lunch & Snacks will be provided).
- All the Participants should attend the event by preparing their model or poster or material with their own & display or present at allocated places in the venue by 9.00 am on 09-09-2022.
- 02 Prizes for each theme & the winners get Cash Prizes in the same day along with the certificate in valedictory function.

Registration Link

<https://forms.gle/5pQ2W7T0y9R6sA23>

Theme of the Event

- 1. Presentation of Research Based Package Topic (RBPPT):**
Regard to RBPPT are theme or project which are research oriented topic-based approaches for teaching & learning. They are excellent tools for participatory peer learning among students. In order to prepare RBPPT for any chosen topic, the following things need to keep in mind.
First write a title for the chosen topic. Eg. If my chosen topic is DNA, then my title for RBPPT may be: Molecular Basis for inheritance of Traits in Living Organisms. Below that write the name(s), Group, College, Contact Number & Mail ID. Then describe the DNA structure in the form of Enquiries. Eg. What is the Genetic Material? Why it is genetic Material? How many strands it possess? What are the Nitrogen bases it comprises? Etc.
Finally give brief discussion & Conclusion that is relevant to the given title. More Details, Contact : **Dr. R. Ramana** - 9578800038
Dr. Ch. Shanthi Devi - 957177922
Department of Botany
- 2. Clay Model Preparation:**
All the students should bring neatly colored models for chosen ecology topic or concept that are made with clay and should present in the venue provided. More Details, Contact : **Dr. Y. Poo Naidu** - 920150631
Department of Zoology
- 3. Molecular Plants for Human Health:**
All the students should bring neatly prepared medicinal plant and should present in the venue provided and also need to describe their features as per botanical name and its Medicinal Importance.
More Details, Contact : **Dr. P. Rama Rao** - 9578800038
Department of Botany

- 4. Magic with Chemistry Exps:**
1. Group entries are allowed. Each group can have maximum of 3 students.
2. The participant group has to demonstrate one magic with chemistry.
3. The participants have to bring required chemicals, glassware etc.
4. Participants may register through the Google Form provided.
5. The decision of the Jury will be final.
More Details, Contact : **Dr. G V S Jayapala Rao** - 9407387104, 9507768474
Department of Chemistry
- 5. Innovation and advances in Physics:**
Physics is one of the creative endeavors of daily human life. Proposed and creative ideas are required to discover the results in future perspectives. Change of one of mankind's most Mystery Creation he can change the world's future and Bond himself to the artificial world create in order always to make future before than today. We invite the projects in advance technology, solar, electronics, Nanoscience, and related physics concepts.
More Details, Contact : **Dr. G V S Jayapala Rao** - 9407387104
Department of Physics & Electronics
- 6. Poster Presentation in 'Impact of Digitalization in India':**
Each college can send two participants.
Participants may register through the Google Form provided.
The Head of the institution should verify that the participant is a student of the institution, and the letter of authorization must be submitted in original at the time of Competition. Each participant can present their poster and explain it for 5 minutes. All candidates must be present at the time of Competition, failing which leads to disqualification. The medium of competition is English and Telugu. The decision of the Jury will be final.
More Details, Contact : **Dr. Raghu Ram** - 9895030203
Dept. of Computer Science & Applications
- 7. Mathematical Models:**
The process of creating a mathematical model represents Real-world scenario to make a prediction or provide insight. Real world, many problems can be approached with mathematics, result in a range of a possible solutions to help guide decision-making. Main to mathematical modeling can be true of as an interaction to process made of the following components. When considering the results and insights gained from the model, one asks if the answer make sense. (DQM) involving basis of the mathematical modeling, elements of a mathematical model and classification. We offer the construction of the model significance of the natural Sciences and more other classifications.
More Details, Contact : **Dr. R. Ravi Shankar** - 9010181219
Department of Mathematics

Invitation

GOVERNMENT DEGREE COLLEGE (MEN)-SRIKAKULAM
(Approved by Dr. B. S. Anandaram University Srikakulam & Recognized by NAAC with B++ Grade of 2.80 CGPA)
www.gdcmls.ac.in

Tonal Level Science Exhibition

In View of **Azadi Ka Amrut Mahotsav**
Date: 09-09-2022

Sponsored by
ANDHRA PRADESH STATE COUNCIL OF SCIENCE & TECHNOLOGY (APCOST)-Vijayawada
Ministry of Environment, Forest, Science & Technology, Andhra Pradesh

Organized by
Science Association
Government Degree College (Men), Srikakulam

ABOUT THE COLLEGE

The Government Degree College, Srikakulam, the first and foremost College in the district was established in 1951 vide G.O.No.1587 of the Madras Government with the introduction of Intermediate Courses in 1951 and later upgraded to Government Degree College in 1954 with the introduction of undergraduate courses. This College was affiliated to Andhra University, Visakhapatnam and recently attached to the newly formed Dr. B.R. Ambedkar University, Eluru, Srikakulam. This was recognized by the U.G.C under 2(f) and 12(b) from 26-10-1989. The College possesses a spacious building with the Central Library being the largest among the three districts of Zone-I of A.P. In addition to the conventional course several Postgraduate courses have been introduced in B.A. and B.Sc. There is a great demand for subjects like Electronics, Microbiology and Bio-Technology. Students who pass these courses feel that they are really privileged and their enthusiasm and response are well reflected in their good performance in the University examinations. DRCS pattern with 8 semesters for UG has been introduced from the academic year 2015-16 with cumulative effect by APCST. Various courses are introduced to suit the latest developments in the respective fields. Recently, B.Sc. Electronics & Com., Computers in UG and M.Sc. Botany in PG were introduced in the year 2015-16 in addition to M.Sc., Chemistry, M.Com. and M.A., Telugu. Efforts are being made to improve the laboratory facilities in all the newly introduced restructured courses. Staff members are also equipping themselves for the new branches by attending Refresher Courses and the training programmes conducted by the Universities and the Academic Staff Colleges. UGC is funding some of the major and minor research projects undertaken by some of the members of the staff of our College. Many of them have attended National Seminars and presented papers. Sequences of National Seminars/workshops are being conducted with the financial assistance of funding agencies like UGC and DST. The Department of Biotechnology alone has conducted 03 National Seminars & 01 Refresher Course in the academic year 2020-21. This institution greatly encourages the faculty members to take up research work. The College has 18 Ph.D. holders and 10 M.Phil holders out of 58 faculty members. Another 28 faculty members are pursuing Ph.D., under FDP/part-time programme. The College was accredited for 1st cycle with B++ (CGPA 83.06) by NAAC in February 2009 and is accredited for 2nd cycle in August, 2011 with B Grade (CGPA 2.87). Recently College undergone 3rd cycle accreditation on 25th & 26th September 2017 and graded with B++ (CGPA 2.95).

About the Science Association

Science Association is a consortium of science departments/faculty established in the college to coordinate and organize various science promotion and research activities in the college. One of the best activities that are

running by the association is Science Club. A science club is an out-of-class hours club that offers students the chance to do science-related activities that extend and enhance the science they experience in the classroom. In addition to that the science association regularly conducting district level or state level science exhibitions and paper camps to motivate young minds towards science education and research.

About the APCOST

Recognizing the importance of Science & Technology for the overall Socio-economic development of State, living with two year plan, the Government of India desired to establish the State Councils and the responsibility is vested with the Department of Science & Technology (DST), Government of India. Accordingly, the DST performed catalytic role in establishing State Science & Technology Councils. The Government of Andhra Pradesh established the Andhra Pradesh State Council of Science & Technology (APCOST) during the year 1989. APCOST is an autonomous body registered under Societies Registration Act 1860-Fair, and working under the aegis of Environment, Forests, Science & Technology (EFST) Department, Government of Andhra Pradesh. APCOST is having (1) General Council & (2) Executive Committee (EC). The Hon'ble CM - President of the General Council, Hon'ble Minister for EFST, Government of Andhra Pradesh; Chairman of Executive Committee, Principal Secretary of EFST, Government of Andhra Pradesh; Vice Chairman for Executive Committee & Member Secretary & APCOST-CEO to look after day-to-day activities.

After bifurcation of State, APCOST is now operating its activities from APCOST-Regional Science Centre (RSC) Complex, Bhuvaneswar, Vijayawada. APCOST is identifying the areas where Science & Technology can be applied for development activities and to achieve goals of the State, with a particular emphasis to eliminate poverty, unemployment. It was also felt necessary to establish effective Communication and other links between the departments and Co-ordinate the activities of Scientific and Technological Research in order to promote the S & T application.

Aims & Objectives of the Event

The aim of the proposed event is to create awareness about recent science and technology inventions, their processes and their impact on the society or world through various competitions to the student community of it and around Srikakulam district.

To emphasize the role of S & T process in national integrity to the student community of the Srikakulam district which is one of the most under developed area in Andhra Pradesh.

To invite eminent scientists and academicians of various branches of sciences to enrich the knowledge of budding future scientists to promote networking. As a part of Azadi Ka Amrut Mahotsav & Rashtriya Day the event is going to create awareness on efforts of the Government for National integrity through Science & Technology by conducting competitions in various aspects to reward the meritorious students.

ORGANIZING TEAM

<p>Chief Patron</p> <p>Dr. Pola Bhaskar, IAS Commissioner, APCOST-Vijayawada</p>		
<p>Patron</p> <p>Dr. P. Surekha, Principal Govt. Degree College (Men), Srikakulam</p>	<p>Convener</p> <p>Dr. Y. Poo Naidu Science Association Govt. Degree College (Men), Srikakulam</p>	<p>Co-ordinator</p> <p>Dr. Ch. Shanthi Devi Science Association Govt. Degree College (Men), Srikakulam</p>
<p>Member</p> <p>Sri M. Pradeep Dept. of Biotechnology</p>	<p>Member</p> <p>Dr. P. Rama Rao Dept. of Botany</p>	<p>Member</p> <p>Sri R. Ravi Shankar Dept. of Mathematics</p>
<p>Member</p> <p>Sri D. Adinarayana Dept. of Chemistry</p>	<p>Member</p> <p>Sri S. Raghu Ram Dept. of Computer Science</p>	<p>Member</p> <p>Dr. G.V.S. Jayapala Rao Dept. of Physics</p>



GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM
EVENT ORGANIZED REPORT
(2022-2023)



Name of Department	DEPT. OF CHEMICAL SCIENCES(Along with all Science Departments)
Name of Event Organized	SCIENCE EXHIBITION
Title of the Event	ZONAL LEVEL SCIENCE EXHIBITION IN VIEW OF AZADI KA AMRUTH MAHOTSAV
Date of Event Organized	09-09-2022
Name of the coordinator of the Event	Dr. Y. Polinaidu, Convener D. Adinarayana, Member
No. of Participant (Student +Staff)	500+60
Name of the Expert with designation	Dr. G.Vayukumar, Lecturer in Chemistry-9440028466
Contact number & Address of the Expert	9441387184
Objective of the Event	To develop scientific temper and competitive spirit among students by exhibiting various science experiments
Description of the event	All the science departments of GDC(M),Srikakulam have organized the event and students from various colleges within the district and also from other districts have participated in the zonal level science exhibition. Prizes were also given in the event.
Outcome of the Event	Students, Staff and public also came to know about the importance of Science in everyday life.



GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM
EVENT PHOTO GALLERY
(2021 - 2022)



REGISTRATIONS



JUDGES VISITING THE EXHIBITS



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PAPER CLIPPINGS OF THE EVENT

జోనల్ స్థాయి సైన్స్ ఎగ్జిబిషన్ విజయవంతం

* శాస్త్రీయ దృక్పథం పెంచేందుకే ఎగ్జిబిషన్ * ప్రభుత్వ పురుషుల డిగ్రీ కళాశాల ప్రిన్సిపాల్ సురేఖ * ఉత్తమ ప్రదర్శన ఇచ్చిన విద్యార్థులకు బహుమతులు



శ్రీకాకుళం టౌన్, సెప్టెంబరు 9 (ఆంధ్ర పత్రిక): జిల్లా కేంద్రంలోని ప్రభుత్వ పురుషుల డిగ్రీ కళాశాలలో ఆంధ్రప్రదేశ్ స్టేట్ కౌన్సిల్ ఆఫ్ సైన్స్ అండ్ టెక్నాలజీ (విజయవాడ) సౌజన్యంతో కళాశాల సైన్స్ అసోసియేషన్ జోనల్ స్థాయి సైన్స్ ఎగ్జిబిషన్ ను శుక్రవారం ఏర్పాటు చేసింది. విశాఖపట్నం, విజయనగరం, పార్వతీపురం మన్యం జిల్లాతో పాటు శ్రీకాకుళం జిల్లాకు చెందిన ప్రభుత్వ, ప్రైవేట్ డిగ్రీ కళాశాల నుంచి 300 మంది విద్యార్థులు ఈ ఎగ్జిబిషన్ లో పాల్గొని పలు ప్రదర్శనలు నిర్వహించారు. కళాశాల ప్రిన్సిపాల్ పి.సురేఖ మాట్లాడుతూ విద్యార్థుల్లో శాస్త్రీయ దృక్పథంపై అవగాహన కల్పించేందుకు సైన్స్ ఎగ్జిబిషన్లు

దోహదపడతాయన్నారు. అనంతరం ఉత్తమ ప్రదర్శన ఇచ్చిన విద్యార్థులకు నగదు బహుమతితో పాటు ప్రశంసా పత్రాలు అందజేశారు. కార్యక్రమంలో వెంకటేశ్వర యూనివర్సిటీ వైరాలజీ విభాగం ప్రొఫెసర్ నం సింహ, బెస్ట్ బయోటెక్ మేనేజింగ్ డైరెక్టర్ శ్రీదేవి, ఆప్ కాస్ట్ ప్రతినిధి, రిసోర్స్ వర్క్స్ డాక్టర్ ఎం.బాబురావు జ్యూరీ సభ్యులు డాక్టర్ వాయికుమార్, సీతారామూర్తి, ఐతమ్ ఇంజనీరింగ్ కళాశాల ప్రొఫెసర్ బీవీ రమణ, కళాశాల సైన్స్ అసోసియేషన్ కన్వీనర్ డాక్టర్ వై.పోలి నాయుడు ఐక్యూసీ కోఆర్డినేటర్, డాక్టర్ సీహెచ్ శాంతి దేవి, వైస్ ప్రిన్సిపాల్ సత్యనారాయణ, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.



ఆకట్టుకున్న సైన్సు ప్రదర్శన: కలెక్టరేట్(శ్రీకాకుళం), న్యూస్టుడే: ప్రభుత్వ పురుషుల డిగ్రీ కళాశాలలో ఆంధ్రప్రదేశ్ స్టేట్ కౌన్సిల్ ఆఫ్ సైన్స్ అండ్ టెక్నాలజీ ఆధ్వర్యంలో సైన్స్ అసోసియేషన్ ఏర్పాటు చేసిన ప్రదర్శన ఆకట్టుకుంది. విశాఖపట్నం, విజయనగరం, పార్వతీపురం మన్యం జిల్లాల నుంచి ప్రభుత్వ, ప్రైవేటు డిగ్రీ కళాశాలల నుంచి విద్యార్థులు పాల్గొన్నారని అసోసియేషన్ కన్వీనర్ పోలినాయుడు తెలిపారు. ముఖ్య అతిథులుగా శ్రీ వెంకటేశ్వర విశ్వవిద్యాలయ వైరాలజీ విభాగం ప్రొఫెసర్ నరసింహ, బెస్ట్ బయోటెక్ ఎండీ శ్రీదేవి, ఆప్కాస్ట్ ప్రతినిధిగా డా.ఎం.బాబూరావు, వాయుకుమార్, సీతారం మూర్తి, ఐతమ్ కళాశాల నుంచి ప్రొఫెసర్ బి.వి.రమణ తదితరులు హాజరయ్యారు.