



Brochure/ Invitation of the Event



GOVERNMENT DEGREE COLLEGE (MEN), SRIKAKULAM

(2022-2023)

General Guidelines of the Event

- Each theme has 01 Coordinator, details given under and he is the responsible for coordinating the entire event & also select the participants (1st, 2nd & 3rd).
- Each student has eligible to participate in any 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.
- 03 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/UgeQW1QyK3vGnA29>

Themes of the Event

- 1. Presentation of Research Based Pedagogy Tools (RBPPTs)**
RBPPTs are charts or posters which are research oriented and are based on pedagogical tools 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 Diagrams. 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 related to the given title. More Details, Contact: **Dr. B. Haritha** - 7722038933, **Dr. Ch. Shanthi Devi** - 8052177522
Centre for Advanced Science (Bioscience & Microbiology)
- 2. Clay Model Preparation**
All the students should bring clay and make models for chosen biology topic or concept that are made with clay and should present in the venue provided. More Details, Contact: **Dr. Y. Poo Naidu** - 8281174321
Department of Botany
- 3. Medicinal Plants for Human Health**
All the students should bring many potted medicinal plant and should present in the venue provided and also need to describe their features as per botanical names and to Medicinal importance. More Details, Contact: **Dr. P. Rama Rao** - 9616998236
Department of Botany

- 4. Magic with Chemistry Expts**
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: **Mr. Adi Narayana** - 9441367194, 9000768476
Department of Chemistry
- 5. Innovation and advances in Physics**
Physics is one of the creative endeavors of daily human life. Prepared and creative minds are required to observe the needs in future perspectives. Change of one of mankind's most Mystery Questions he can change the world's future and thrust himself to the artificial should create in order, always to make future before than today. We note the projects in advance technology, solar, electronics, Nanomaterials, and related physics concerns.
More Details, Contact: **Dr. B. V. Jayapal Rao** - 9490220715
Department of Physics & Electronics
- 6. Poster Presentation in the field of Digitalization in India**
Each college can send two participants.
Participants may register through the Google Form provided.
The Head of the Institution should certify 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: **Mr. Raghu Ram** - 8880030383
Dept. of Computer Science & Applications
- 7. Mathematical Models**
The process of creating a mathematical model represents Real world scenarios to make a prediction or provide insight. Real world, many problems can be approached with mathematics, result in a range of 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 sets if the answer make sense. GCMs involving the use of 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: **Mr. N. Ravi Shankar** - 9270781378
Department of Mathematics

Invitation
GOVERNMENT DEGREE COLLEGE (MEN)-SRIKAKULAM
(Affiliated to Dr. B. V. Ambedkar University Srikakulam & Accredited by NAAC with B++ Grade of 2.30 CGPA)
www.gdmakm.ac.in

Zonal Level Science Exhibition
In View of **Azadi Ka Amrit 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, first and foremost College in the district was established in 1951 vide S.O. No. 1887 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. The College was affiliated to Andhra University, Visakhapatnam and recently attached to the newly formed Dr. B. V. Ambedkar University, Srikakulam. The college recognized by the UGC under 215 and 12(B) from 06-10-1989. 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 courses several Restructured 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 joined these courses feel that they are really privileged and their enthusiasm and responses are well reflected in their good performance in the University examinations. CBCS pattern with 4 semesters for UG has been introduced from the academic year 2015-16 with cumulative effect by APSCHE. Various courses are introduced to suit the need 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 University and the Academic Staff College, 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. Sequence of National Seminars/workshops are being conducted with the financial assistance of funding agencies like UGC and DST. The Development of Biotechnology alone has conducted 02 national seminars & 01 Refresher Course in the academic year 2020-21. The Institution always encourages the faculty members to take up research work. The College has 18 Ph.D. holders and 10 M.Phil holders out of 56 faculty members. Another 09 faculty members are pursuing Ph.D., under FDP/part-time programme. The College was accredited for 1st cycle with B++ (CGPA, 81.05) by NAAC in February 2009 and re-accredited for 2nd cycle in August, 2011 with B Grade (CGPA 7.87). Recently College undergone 3rd cycle accreditation on 26th & 28th September 2017 and graded with B++ (CGPA 7.30).

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-classroom 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 inspire 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, during early five year plan, the Government of India decided 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 1985. APCOST is an autonomous body registered under Societies Registration Act 1950 Act, and working under the aegis of Environment, Forests, Science & Technology (EF&ST) Departments, 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 EF&ST, Government of Andhra Pradesh, Chairman of Executive Committee, Principal Secretary of EF&ST, Government of Andhra Pradesh, Vice-Chairman for Executive Committee & Member Secretary & APCOST-CEO to look after day-to-day activities.

After re-institution of State APCOST is now operating its activities from APCOST Regional Science Centre (RSC) Complex, Bhimavaram, Vijayawada. APCOST is identifying the areas where Science & Technology can be applied to 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 coordinate 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 science and technology innovations their processes and their impact on the society or world through various competitions to the student community of in 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 Amrit Mahotsav & Nagasaki 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

 Dr. P. Suresh Kumar , Principal Govt. Degree College (Men), Srikakulam	 Dr. P. Pola Shankar, IAS Commissioner, APCOST-Vijayawada	 Dr. Ch. Shanthi Devi Science Association, Govt. Degree College (Men), Srikakulam
 Dr. Y. Poo Naidu Science Association, Govt. Degree College (Men), Srikakulam		

Patron Dr. P. Suresh Kumar , Principal Govt. Degree College (Men), Srikakulam	Convener Dr. Y. Poo Naidu Science Association, Govt. Degree College (Men), Srikakulam	Co-ordinator Dr. Ch. Shanthi Devi Science Association, Govt. Degree College (Men), Srikakulam
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Member Sri M. Pradeep Dept. of Biotechnology	Member Dr. P. Rama Rao Dept. of Botany
Member Sri R. Ravi Shankar Dept. of Mathematics	Member Sri D. Adinarayana Dept. of Chemistry
Member Sri B. Raghu Ram Dept. of Computer Science	Member Dr. G.V.S. Jayapala Rao Dept. of Physics



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



Name of Department	Mathematics
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	Sri. R. Ravisankar
No. of Participant (Student +Staff)	500+60
Name of the Experts with designation	Dr Narasimha, Venkateswara University, Tirupathi
Contact number & Address of the Expert	9440513637
Objective of the Event	To develop and create interest among student folk on various science experiments
Description of the event	All the science departments of Govt. Degree College for Men, Srikakulam has organized the event and students from various colleges within the district and from other districts has 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
(2022 - 2023)



REGISTRATIONS

Science Exhibition 2022 Organized by Science Association GDC Men Srikakulam on 09-09-2022

REGISTRATION FORM

Mathematical models

Department : Mathematics

THEME: ~~Poster~~ Presentation

S.No	Name of the Participant	Class	Name of the College	Exhibit No	Cell No	Signature
1	V.D. B.D. Murthy	IMP.CS	Gandhi College, Mungabettu	ME-1	9490735902	V.D. Murthy
2	K. Sai Ram	IMP.C	CIDC (M) SRIK	ME-2	9674857405	K. Sai Ram
3	T. Minna Sankar Rao	IMP.C	G.D.M, SRIK	ME-2	9573354826	T. Minna Sankar Rao
4	S. Banikruppa	"	"	ME-2	9392522761	S. Banikruppa
1	B. Sudhakar	IMP.C	GDC (M), SRIK	ME-3	9505355761	B. Sudhakar
1	A. Hari Prasad	IMP.CS	G.D. Chandra Sekhara	ME-4	9703565621	A. Hari Prasad
2	D. Sankumar	IMP.C	"	"	9154467529	D. Sankumar (PP)
3	B. Geethika	IMP.CS	"	"	9963013578	B. Geethika
1	V. CHANDINI	IMP.C	GDC (M) SRIK	ME-5	8464820341	V. Chandini
2	V. MANI	IMP.C			8897140422	V. Mani
3	B. JAYARAM	IMP.C			6309399412	B. Jayaram

Science Exhibition 2022 Organized by Science Association GDC Men Srikakulam on 09-09-2022

REGISTRATION FORM

THEME:

Department : mathematics

S.No	Name of the Participant	Class	Name of the College	Exhibit No	Cell No	Signature
1	Ch. Chaitanya Rao	IMP.C	GDC (M), SRIK	ME-6	9676372817	Ch. Chaitanya Rao
2	R. Jayashree	IMP.C	GDC (M), SRIK	ME-7	992620192	R. Jayashree (PP)
1	S. Vigneshwara	IMP.C	GDC (M), SRIK	ME-8	8096346705	S. Vigneshwara
1	P. Amrutha	IMP.CS	GDC (M), SRIK	ME-9	9133931979	P. Amrutha

1500 / -

JUDGES VISITING THE EXHIBITS





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 పర్సన్ 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 పైన్ను ప్రదర్శన: కలెక్టరేట్(శ్రీకాకుళం), న్యూస్టుడే: ప్రభుత్వ పురుషుల డిగ్రీ కళాశాలలో ఆంధ్రప్రదేశ్ స్టేట్ కౌన్సిల్ ఆఫ్ హైస్ అండ్ టెక్నాలజీ ఆధ్వర్యంలో హైస్ 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.