GOVERNMENT DEGREE COLLEGE FOR MEN, SRIKAKULAM



Report on Cross Cutting Issues



Our Institute has made Environmental Education, Human Values, and Moral Education mandatory for all disciplines. Students can choose from a variety of skill electives, including Life Skill courses and Skill Development courses, which are allotted semester-wise.

Introduction:

Cross-cutting issues are essential topics that affect various aspects of development and should be integrated throughout all stages of development, from policy design to implementation, evaluation, and learning.

Aim:

To develop cross-cutting skills such as communication, critical thinking, teamwork, problem-solving, and working with diverse individuals.

Objectives:

- Sensitize learners to ethical aspects of human life.
- Provide all-round development for learners.
- Enable learners to respect different gender groups.
- Inculcate human values.
- Impart knowledge about environmental conservation and sustainable development techniques.
- Ensure employability through skill enhancement.

Human Values & Professional Ethics

In an educational institution, ethical behavior and conduct are essential for all participants in the teaching-learning evaluation process. All undergraduate programs at the Government Degree College for Men, Srikakulam, include courses such as Human Values & Professional Ethics, Laboratory Skills, Language & Communication Skills, Entrepreneurship, Soft Skills, Technical Skills, General Awareness, and Analytical Skills to instill human, social, and ethical values among students. These courses address both personal and academic issues, helping students develop the necessary skills and knowledge to achieve their goals ethically.

The Human Values & Moral Education course, in particular, teaches students about human ethics and values such as self-esteem, social responsibility, loyalty, self-confidence, the

maintenance of cordial relations, cognitive development, and self-discipline. Through these courses, students not only acquire professional and ethical responsibilities but also gain a deeper understanding of essential human values and skills.

In addition to these mandatory courses, the programs offered by the Department of Commerce & Business Administration incorporate courses on professional ethics, business law, taxation, and GST. A well-framed code of conduct for teachers, students, administrators, and office staff is widely circulated through blended modes to maintain harmony, self-discipline, work ethics, and professional ethics within the campus. This code of conduct provides a manual that states the rules, values, goals, ethics, and vision of the institute, offering staff and students a clear outline of expected behavior and good practices within the campus. This initiative creates a safe, respectful, and holistic environment for both staff and students.

Our students actively participate in the "Each One – Teach One" program in their own villages to promote education in rural areas. Additionally, all staff and students contribute to the welfare of the poor through the "Share and Care" program, where they collect funds to support those in need. These practices inculcate a sense of service and professional ethics among students. The institute also organizes awareness programs on drug abuse, girl child education, and road safety, aiming to improve the well-being of human life and bring transformation to the lives of women, marginalized, and weaker sections of society.

Environmental and Sustainability Education

Environmental protection and creating a safe environment for future generations are major global concerns. Environmental Education is a course offered to all undergraduates at the Government Degree College for Men, Srikakulam, with the objective of promoting environmental awareness, encouraging environmentally responsible behavior, and developing an environmental ethic that highlights the ecological interdependence of social, political, and economic spheres. This course addresses the reasons behind environmental degradation and promotes activities that protect the environment. It aims to instill a sense of responsibility in individuals to protect the environment and find alternative sources that reduce environmental harm.

Environmental education teaches appropriate behavior, raises consciousness about environmental issues, and fosters an understanding of the ecological interdependence of economic, political, and social systems. The course covers topics such as environmental pollution, its prevention, deforestation, global warming, and rainwater harvesting. The Department of Chemistry offers Environmental Chemistry and Green Chemistry to B.Sc. final-year students, educating them on how the uncontaminated environment functions, the natural presence and concentration of chemicals, and the effects of human activities on the environment through the release of chemicals. The objective of introducing Green Chemistry is to raise awareness among students about practices that prevent the exploitation of natural resources and preserve the environment. This course teaches how to protect and benefit the environment by reducing waste, conserving energy, and replacing hazardous substances used in everyday commercial chemistry.

Our institute has introduced several green practices to promote environmental consciousness among staff and students, including the observance of "No Vehicle Day" on the third Saturday of every month. Clean and green activities are regularly conducted by all staff and students, and plantation programs are organized by NSS units. The Department of Zoology maintains a vermicompost unit to convert plant and tree waste into fertilizer, which is used to maintain the botanical garden on campus. NSS units also organize clean and green programs in nearby villages and wards as part of communal services, conducting free health drives for the poor.

Green Practices Initiated by the Institute

To further promote environmental consciousness, our institute has initiated the following green practices:

- 1. **Eco-Club**: Engages students and staff in activities that promote environmental awareness and sustainability.
- 2. **Water Conservation Facilities**: Implements measures to conserve water and educate the campus community about water-saving techniques.

- 3. **Reduce Plastic Awareness**: Conducts campaigns to reduce plastic usage and promote alternatives.
- 4. **Vermicompost Pits**: Converts organic waste into compost to use as fertilizer.
- 5. Solar Panels: Utilizes solar energy to reduce reliance on non-renewable energy sources.
- 6. **LED Bulbs**: Replaces traditional bulbs with energy-efficient LED bulbs.
- 7. **Non-Degradable Waste Bins**: Provides bins for the collection of non-degradable waste for proper disposal.
- 8. **Biodegradable Bins**: Provides bins for the collection of biodegradable waste for composting.
- 9. **No Vehicle Day**: Encourages staff and students to avoid using vehicles on the third Saturday of every month to reduce carbon emissions.

These green practices, along with our comprehensive environmental education programs, aim to create a sustainable and environmentally conscious campus community. Through these initiatives, the Government Degree College for Men, Srikakulam, is committed to fostering an environment where students and staff are aware of their environmental responsibilities and are equipped to make positive contributions to environmental sustainability.

Gender Issues

Higher education institutions serve as incubators where norms for gender equality are practiced and modeled. These institutions elevate the voices and ideas of women, providing powerful tools for accelerating progress towards equality and the empowerment of women and girls everywhere. At Government Degree College for Men, Srikakulam, we recognize the critical need to address gender inequalities and have implemented various measures to transform discriminatory gender norms, such as unequal domestic burdens on women, bias in assessment, recruitment, promotion, workplace inequality, and sexual harassment.

Our institute is an equal-opportunity organization that treats all students without gender bias. Girls are encouraged to participate in all kinds of sports, co-curricular activities, selfdefense training, and yoga. The Women Empowerment Cell, which functions alongside the Women Redressal Cell, addresses issues related to women faculty and girl students with utmost care and support. Our gender sensitization plan creates awareness through lectures, seminars, talks, and workshops on health and legal issues.

To ensure a safe and secure environment, the Women Empowerment Cell has organized counseling sessions on sexual harassment in collaboration with the police department. Additionally, our college has set up a sanitary pad destroyer machine to raise awareness about menstrual hygiene among students. Girls are motivated to participate and enroll in the NCC (National Cadet Corps) and NSS (National Service Scheme) wings of the college, as these programs develop strength, confidence, and leadership qualities in them.

To foster gender equality and inclusivity in the workplace, our women faculty and students are provided with equal opportunities alongside men in decision-making processes. The college maintains robust mechanisms like the Anti-Ragging Cell and the Grievance Redressal Committee to address student concerns promptly and maintain a conducive learning environment.

Furthermore, our institute has undertaken several initiatives to support and promote gender equality:

- 1. **Gender Sensitization Workshops**: Regular workshops and training sessions are conducted to sensitize both students and staff about gender issues, promoting a culture of respect and equality.
- 2. **Support Systems**: We have established support systems, including counseling services and helplines, to provide assistance to students facing gender-related challenges.
- 3. **Mentorship Programs**: Senior women faculty members mentor female students, providing guidance and support to help them navigate academic and professional challenges.
- 4. **Research and Advocacy**: Our college encourages research on gender issues and advocates for policy changes that promote gender equality within the institution and the broader community.

- 5. **Collaborations**: We collaborate with external organizations and NGOs that work towards gender equality and women's rights, enhancing our efforts through shared knowledge and resources.
- 6. **Awareness Campaigns**: Various awareness campaigns are organized throughout the year to highlight the importance of gender equality and the role of women in society.
- 7. **Inclusive Curriculum**: Our curriculum includes courses and content that address gender issues, ensuring that all students are educated on the importance of gender equality.

By implementing these measures, Government Degree College for Men, Srikakulam, is committed to creating an inclusive and equitable environment where all students, regardless of gender, can thrive. We believe that fostering gender equality not only benefits individuals but also contributes to the overall progress and development of society.

List of Courses:

S.No	Department	Course Name	Discipline	Course Objectives	Learning Outcomes
1	All Departments	Human Values and Professional Ethics	UG Programs	1. Create awareness about life goals, mission, and vision. 2. Cultivate virtues and remove vices. 3. Understand ethical personalities across domains.	1. Understand practicing values and ethics to become responsible citizens. 2. Grasp professional and ethical responsibilities. 3. Comprehend essential human values and skills.
2	All Science Departments	Environmental Education	UG Programs	1. Develop community responsibility and awareness of environmental issues. 2. Promote environmental education.	1. Characterize and analyze human impacts on the environment. 2. Understand the natural environment and human activity relationships. 3. Consider pollution reduction measures.
3	Chemistry	Environmental Chemistry	Semester V B.Sc.	1. Understand chemical transformations in soil, water, and air. 2. Analyze key	1. Comprehend environmental functions and human activity impacts. 2. Understand ecosystem

				environmental chemicals.	services. 3. Acquire knowledge for sustainable resource use.
4	Chemistry	Green Chemistry	UG Semester V B.Sc.	1. Reduce pollution by minimizing chemical hazards. 2. Ensure sustainable activities positively impact the environment and society.	1. Learn Green Chemistry principles. 2. Understand Green synthesis. 3. Preserve raw materials.
5	English	Personality Development and Leadership	UG Semester III	 Understand self and others. Improve decision-making skills. Transition thought and behavior patterns. 	1. Develop comprehensive personality understanding. 2. Enhance self-assessment and personality growth. 3. Comprehend leadership qualities. 4. Develop leadership skills.
6	Zoology	Health and Hygiene	UG Semester III	1. Emphasize food, social strategies, mental status, and physical activities on health. 2. Provide knowledge on health indicators and hygiene methods.	1. Gain knowledge about a healthy diet. 2. Optimize dietary information. 3. Understand nutrition for a healthy life. 4. Customize dietary goals. 5. Consider health measures while traveling.
7	Mathematics	Analytical Skills	UG Semester III	1. Understand, analyze, and transform information using analytical tools. 2. Improve data understanding.	1. Recognize critical thinking importance. 2. Identify analysis aspects. 3. Use analytical processes for decision-making.
8	Computer Science	ICT	UG Semester II	1. Provide basic information management skills. 2. Introduce new and emerging technologies.	1. Empower students with ICT knowledge and skills. 2. Operate computers and applications in an ICT environment.

9	History/Telugu	Indian Culture and Science	UG Semester II	1. Promote religious harmony. 2. Raise awareness about socioreligious reforms. 3. Encourage scientific outlook.	1. Understand India's cultural evolution. 2. Comprehend scientific development in various spheres. 3. Foster nationalist and moral fervor.
10	History	Tourism & Guidance	UG Semester I Arts	1. Study tourism approaches. 2. Understand tourism's economic importance. 3. Foster cultural knowledge.	1. Identify tourism relationships and networks. 2. Learn tourism components. 3. Gain knowledge of tourist destinations and potential career paths.
11	Political Science	Public Relations	UG Semester I Arts	Equip participants with knowledge and skills to influence and engage across platforms.	Quantifiable change in awareness, knowledge, attitude, opinion, and behavior.
12	English	Business Communication	UG Semester II Commerce	1. Maintain coordination and cooperation. 2. Exchange information effectively. 3. Facilitate direction and motivation.	1. Prepare for global business communication. 2. Understand the communication process for professional effectiveness.
13	Zoology	Dairy Techniques	UG Semester II Commerce	Understand milk and milk product processing. Learn dairy farmers' environmental initiatives.	1. Learn traditional cattle systems and farming concepts. 2. Gain practical knowledge of dairy microbiology. 3. Understand milk chemistry.
14	Chemistry	Environment Audit	UG Semester II Science	1. Suggest alternative energy for conservation. 2. Minimize waste through modern technologies. 3. Enhance industrial environmental performance.	Understand environmental health concepts. 2. Comprehend environmental audit phases.

15	Physics	Solar Energy	UG Semester II Science	Explain principles of solar energy phenomena.	Understand energy conversion needs and methods.
16	Botany	Plant Nursery	UG Semester I Science	1. Impart knowledge about nursery tools and structures. 2. Develop entrepreneurial skills for nursery production.	1. Understand plant nursery importance and infrastructure. 2. Demonstrate nursery practices expertise. 3. Gain knowledge for employment or entrepreneurship in the nursery sector.
17	English/Telugu	Disaster Management	UG Semester III Arts	1. Raise disaster prevention and risk reduction awareness. 2. Expose students to risk and vulnerability analysis. 3. Understand disaster types.	1. Manage disaster responsiveness. 2. Understand disaster management significance. 3. Utilize information technology in disaster management.

EVENTS ORGANISED FOR INTEGRATING CROSS-CUTTING ISSUES

S.	Name of the	Event	Title of the	Resource	Objective of the	Outcome of the
No 1	Dept Department of Commerce & Management	Organised Cross- Cutting Issues	Recent Trends in Accounting & Taxation	Person(s) 1. Sri B. Sri Rama Murty 2. Sri B. Krishna Chaitanya	1. To enlighten students on the recent changes in accounting and taxation. 2. To inculcate a positive attitude towards tax payment.	Event 1. Consistency and tax compliance for multinational corporations. 2. Integration of technologies such as blockchain, AI, and machine learning into accounting and taxation.
2	Women Empowerment Cell	Awareness Programme	Health & Legal Awareness on Gender Equality	Sri R. Sanyasi Naidu, Dist. Civil Judge	1. To promote gender equality and address pertinent issues. 2. To encourage students to take charge of their well-being.	1. Students understand their health issues and maintain self-care. 2. Students are aware of their legal rights.
3	Women Empowerment Cell (WEC) in collaboration with Police Dept	Counseling on Women Issues	Sexual Harassment	WEC	To ensure a safe and secure environment for all female students and women.	1. Students can differentiate between right and wrong behavior. 2. Students can identify the difference between sexual harassment and discrimination.
4	Gender Equality	Cross- Cutting Issues - NSS & NCC Units	Communal Service	WEC	1. To foster leadership, discipline, and community engagement among students.	1. Students developed self-motivation and responsibility towards their community. 2. Students' perspectives on societal problems have changed.
5	Gender Equality	Cross- Cutting Issues	Field Trips	WEC	1. To promote active participation of girl students. 2. To encourage social and emotional development. 3.	1. Students are exposed to real-life situations. 2. Students share their reflections with each other. 3. Students develop cultural ethics and values.

6	Gender Equality	Cross- Cutting Issues	Cultural Activities	WEC	To anchor and reinforce experiential learning and relational learning. 1. To encourage girl students to exhibit their	Students gained knowledge about cultural values,
					talents. 2. To educate and foster a sense of community among cultural members.	beliefs, and practices.
7	Gender Equality	Cross- Cutting Issues	Economic Empowerment	WEC	1. To promote skill development, entrepreneurship, and financial literacy.	1. Students gained knowledge of poverty eradication. 2. Enterprise development and marketing practices. 3. Equal opportunity, inclusion, and non-discrimination.
8	Department of Chemistry	International Workshop	Environmental Sustainability	Sri Prasad Jaladi, Founder Chief Facilitator, Suraksha, USA	To develop students' knowledge regarding the environment.	Students acquired knowledge on many aspects regarding the environment.
9	Department of Chemistry	Cross- Cutting Issues	Nuclear Power - Need of the Hour	Dr. Ch. Jagadeeswara Rao, Asst. Professor	1. To discuss the importance of nuclear power and its utilization. 2. To raise awareness about air quality protection through nuclear energy by producing carbon-free electricity.	1. Students understand the technical constraints on developing alternative energy strategies. 2. Students understand principles underlying fusion and fission reactions. 3. Structure and operation of a nuclear reactor.
10	Department of Chemistry	One Day National Webinar	Approaches and Challenges in Everyday Life	1. Dr. P. Siva Swaroop, Regional Director,	To increase students' knowledge and prepare them for	Students benefited from the webinar by learning approaches to face everyday

				IGNOU, Nagpur 2. Prof. A.	everyday challenges.	challenges.
				Varadarajulu, Kalasalingam		
				Academy of		
				Research,		
				Tamil Nadu		
11	Department of	Guest	Environmental	Dr. P. J.	To develop	Enlightening session
	Chemistry	Lecture	Protection	Sudhakar	students'	for learners on
			Acts		knowledge	environmental
					regarding	protection acts and
					environmental	methods.
					protection.	

These events, organized across various departments, aim to integrate cross-cutting issues into the academic curriculum, providing students with comprehensive knowledge and skills that transcend traditional subject boundaries. Each event is meticulously designed to address specific objectives and achieve meaningful outcomes, ensuring that students are well-equipped to face real-world challenges with a broad, informed perspective.

Conclusion:

Integrating cross-cutting issues into education fosters holistic development, social responsibility, and ethical behavior among students. Through diverse courses and events, Government Degree College for Men, Srikakulam, ensures that students are well-equipped to address societal challenges and contribute positively to their communities.

GLIMPSE OF EVENTS ORGANISED FOR THE INTEGRATION OF CROSS-CUTTING ISSUES

Promoting Gender Equality

Facilities and Programs:

Health and Legal Awareness: The College conducts regular health and legal awareness
camps to promote gender equality and address pertinent issues. These programs educate
students on various health and legal matters, empowering them with knowledge and
awareness.



Dental Camp







Interactive session with students

2. Counseling Against Sexual Harassment:

Through collaboration with the police department, the college offers counseling sessions to raise awareness about sexual harassment and provide support to students facing such challenges. This initiative ensures a safe and secure environment for all.





3. Opportunities in NCC and NSS: The College encourages girl students to participate in National Cadet Corps (NCC) and National Service Scheme (NSS), fostering leadership, discipline, and community engagement among them.





View file:

https://gcmsklm.ac.in/laraadmin/public/storage/uploads/activity/1720026032 Facilities%20-%20Copy.pdf

6. Economic Empowerment: The College encourages girls to become economically independent by providing opportunities for skill development, entrepreneurship, and financial literacy.



Girls participating in Skill - Fest.





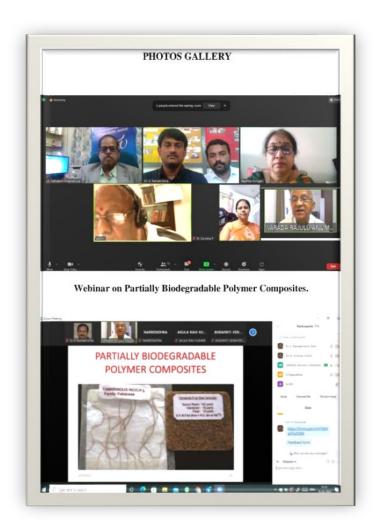


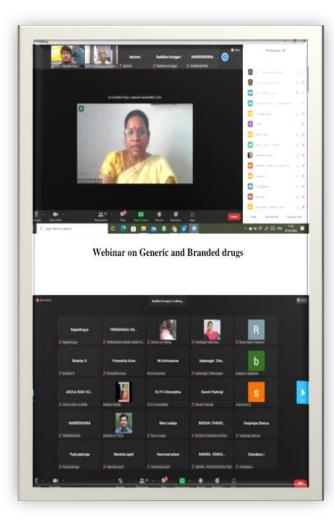
Rangoli in Government Degree College for Men



GLIMPSE OF THE ACTIVITES FROM THE DEPT OF CHEMISTRY









Brochure/ Invitation of the Event



GOVERNMENT DEGREE COLEGE FOR MEN SRIKAKULAM

GUEST LECTURE ON ENVIRONMENTAL PROTECTION ACTS

Dt:06-01-2022

Time: 11.00AM

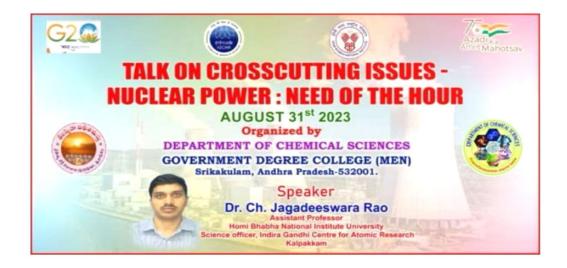
Venue:ROOM NO-02

Lecture on Environmental protection act





Brochure/Invitation of the Event



Venue: Room No 11(Digital Classroom) -New Block



Inaugural speech by Dr. P. Surekha, Principal

Talk on Cross Cutting Issues – Nuclear Power





"Resource Person Imparting his knowledge on Nuclear power which is the Need of the hour"





Resource Person on screen

