

3.2.1: Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The Institution provides a active environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involved in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents.

Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service Training is provided for creating awareness on marketing the products.

For enhancing learning experiences the faculty members adopt many ways, for example, lecture method, interactive method, project and field work method, computer-assisted method, experiment method etc. Teaching and learning activities are made effective by these practices. Many teachers use the conventional black-board presentation methods, especially in mathematics, chemistry, physics, commerce and economics, where they teach mathematics, mathematical equations and statistics as numerical solving. Also, some teachers use power point presentations and computer-based materials. For, they use the lectures of you-tube to make learning interesting besides the conventional oral presenting methods. Some Student centric methods are given below:

Project methods: The project work stimulate student's interest on the subject and provide student an opportunities of freedom of thoughts and free exchange of different views. As per the requirement of syllabi, the project work is done. For example, the Projects are done in PG classes.

Field Study: A field study is a general method for collecting data about users, user needs, and product requirements that involves observation and interviewing. Data are collected about task flows, inefficiencies, and the organizational and physical environments of users.

Investigators in field studies observe users as they work, taking notes on particular activities and often asking questions of the users. Observation may be either direct, where the investigator is actually present during the task, or indirect, where the task is viewed by some other means like a video recorder set up in an office. The method is useful early in product development to gather user requirements. It is also useful for studying currently executed tasks and processes.

Interactive methods

The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, educational games, discussion and questions and answers on current affairs, etc. Class room discussion in various

topics are done under features. Especially, NSS, Political science department and sociology department organize interactive methods many times in a year.

ICT Enabled Teaching:

ICT enabled teaching includes class rooms with LCD, Language Lab, Smart Class rooms, etc. The institution adopts modern pedagogy to enhance teaching-learning process. The institution has the essential equipments to support the faculty members and students.

Experiential learning:

Experimental/Laboratory method is used in science subjects to acquaint the students with the facts through direct experience individually. Students verify the facts and laws of the subject with the help of experiments. Especially, the department of Chemistry, Physics, Botany, and Zoology uses this method. Students take interest and learn things via experiential learning.

Student Seminars:

The Student seminars are organized where in the papers are presented by students on contemporary topics to enrich their learning experience.

Summer Internship Program:

The NSS Swachh Bharat Summer Internship is organized for NSS students. Only 150 student can participate in this program, where they learn about the importance of cleanliness. They do their job of 100 hours in the selected villages. No other academic Summer Internship Program is organized by the college except NSS.

Group Learning Method:

Group Learning method is now being adopted through whatsapp group. Student share their notes and study material through this method. Whatsapp group are made by an student or by the contract teacher. They share the information to each other.

Group Projects:

Group projects can help students develop a host of skills that are increasingly important in the professional world. Positive group experiences, moreover, have been shown to contribute to student learning, retention and overall college success. Properly structured, group projects can reinforce skills that are relevant to both group and individual work, including the ability to:

Break complex tasks into parts and steps

Plan and manage time

Refine understanding through discussion and explanation

Give and receive feedback on performance

Challenge assumptions

Develop stronger communication skills.

Group projects can also help students develop skills specific to collaborative efforts, allowing students to...

Tackle more complex problems than they could on their own.

Share diverse perspectives.

Hold one another (and be held) accountable.

Receive social support and encouragement to take risks.

Develop new approaches to resolving differences.

Establish a shared identity with other group members.

Find effective peers to emulate.

Develop their own voice and perspectives in relation to peers.

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the Institute

ICT Tools:

1. Projectors- There are 10 projectors are available in different departments
2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins in the campus.
3. Printers- They are installed at Labs and all prominent places.
4. Photocopier machines - Multifunction printers are available at all prominent places in the institute. There are four photostat machines available in campus.
5. Scanners- Multifunction printers are available at all prominent places.
6. Seminar Rooms- Two seminar halls are equipped with all digital facilities.
7. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
8. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom
9. MOOC Platform (NPTEL, Coursera, SAP, Udemy, Edx etc)
10. Digital Library resources (Digi Lib software used)

Use of ICT By Faculty

A. PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

D. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications.

E. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

F. Online competitions- Various technical events and management events such as Poster making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are being organized with the help of various Information Communication Tools.

G. Class notes are updated in the college website, so student easily download the notes of entire syllabus.

**GOVERNMENT THIRUMAGAL MILLS COLLEGE
GUDIYATTAM
IQAC CELL**

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Bengaluru**

REPORTS OF THE EVENTS (ACADEMIC YEAR 2019)

Name of the Event	NATIONAL CONFERENCE ON TEACHING, LEARNING AND EVALUATION IN HIGHER EDUCATION
Event Date	22nd FEBRUARY 2019
No of Enrolments	156

National Conference on Teaching, Learning and Evaluation in Higher Education Held at Seminar Hall , Government Thirumagal Mills College, Gudiyattam on 22nd February 2019. The proceeds of the conference contain 162 abstracts received from the various institutions across the country. There are 156 participants have been enrolled for the seminar, 15 of them from outside the state Tamilnadu, 67 of them outside the district Vellore. There are two Special lectures are arranged in the seminar, one in morning session given by Dr. N. C. Chandra Sekaran, M.A., M. Phil., Ph. D., Principal (Retd), Kandasami Kandar College, Parmathivelur, Namakkal District. In the topic “Teaching learning and evaluation in Higher education”. In afternoon session Dr. P. K. Killivalavan, Head of the Department, Tamil, R. B. Government Arts College, Chengalpattu, provide the special lecture in the topic of “Teaching and learning processes in Higher education”.



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GUDIYATTAM
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REPORTS OF THE EVENTS (ACADEMIC YEAR 2020-2021)

1

Name of the Event	One day state level Workshop on Methodology to 'Combat and Crack Competitive Exams- Tips and Tricks'
Event Date	27/09/2019
No of Participants	300

One day state level Workshop on Methodology to 'Combat and Crack Competitive Exams- Tips and Tricks' Held at Seminar Hall, Government Thirumagal Mills College, Gudiyattam on 27th September 2019 and Organized by IQAC Cell. There are 300 participants have been enrolled for the workshop from the regional level, 45 of them outside the district Vellore. The inauguration function preside over by our College Principal Dr. S. Kaveriammal, Convener of this program Dr. S. Karunanithi, Head of the Department of Mathematics, Coordinators' of this Workshop Dr. G. Ramasamy, Department of Chemistry and Dr. A. Jothi Selvamuthukumar, Department of Business Administration, There are two Special lectures are arranged in the seminar, one in morning session given by *Ms. T. Monisha*, B.E, M.B. A Junior Employment Officer, Krishnagiri. In the topic "Types of competitive examinations in India and how to apply". In afternoon session *Ms. K. S. Divya*, M.B.A [HR & Marketing], HR@Sobha Ltd., Chennai, provides the special lecture in the topic of "How to Prepare for an interview".

Theme of the program:

- To provide academic facilities to the students aspiring for civil service examinations.
- To develop good administrators.
- To make them competent to attend competitive exams.
- To create awareness among students about their social and civil responsibilities.



GOVERNMENT THIRUMAGAL MILLS COLLEGE
GUDIYATTAM
IQAC CELL
REPORTS OF THE EVENTS (ACADEMIC YEAR 2020-2021)
VI

Name of the Event	Career advancement planning for students
Event Date	Held at 21st April 2022.during the time 09.00 am to 4.00 pm
No of Enrolments	Nealy 750 students participated

Career advancement planning for students held at 21st April 2022. nealy 750 students participated. Conducted by IQAC Cell, Government Thirumagal Mills College, Gudiyattam during the time 09.00 am to 4.00 pm. There are 750 participants Enrolled from various Institutions across the state. Convener of the Event Dr. S. Karunanithi, Head of the Department of Mathematics, With the Continues Enragement and Support of the Principal of the College, Dr. N. Ramalakshmi. There is one Special lectures are arranged in the seminar, That invited talk given by Dr. A Mythili, Associate Professor, Department of Sensorand Biomedical Technology, School of Electonics Engineering, VIT, Vellore, India talking about various opportunities of career advancement and planning for career advancement for PG students. Dr. G. Ramasamy, Assistant Professor, Depatment of Chemistry, Provide the vote of thanks.





On campus placement programme by HIREMEE-GHENNAI

On campus placement programme was conducted for the III year under graduate students of BA,B.Com,BBA,BCA and B.Sc., on 29.01.2020 at Government Thirumagal Mills College. Professionals from HIREMEE, Chennai organized the programme. The students were assessed on various skills of verbal aptitude, Quantitative aptitude, logical reasoning, technical computer fundamentals, behavioral aptitude, communication and technical core domain knowledge. Test was conducted through on-line mode. Students belonging to different streams with nil arrears up to 5th semester have participated in the programme. Nearly 120 students have benefitted through this placement activity.



CAREER GUIDANCE PROGRAMME

BY

PROFESSIONAL INFO TECH, COIMBATORE

Career guidance programme was conducted by the placement cell on 18.02.2020. Professional info tech, Coimbatore organized a placement seminar on health care and its opportunities for the life science and chemical science students. Job opportunities in the field of medical coding, clinical research and pharmaco vigilance were highlighted to the students. Students belonging to B.Sc., Zoology, B.Sc., Botany and B.Sc., Chemistry took part in the career guidance programme. Students with nil arrears up to 5th semester were permitted to participate. Nearly 90 students have gained knowledge through this seminar programme.

