## PROBLEM SOLVING METHODS

### 2.3: Teaching- Learning Process

2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

# PROBLEM SOLVING METHODS

## 1. Study Circles:

Study circles have emerged as a popular method for fostering collaborative learning and enhancing various skills among students. These circles typically involve groups of individuals coming together under the guidance of a leader to discuss specific topics, solve problems, and exchange ideas. This aims at improving problem-solving abilities, discussing current events, boosting confidence and communication skills, and nurturing positive interpersonal relationships among students.



*Study circles and problem-solving on discuss current events, boost communication, relationships.*
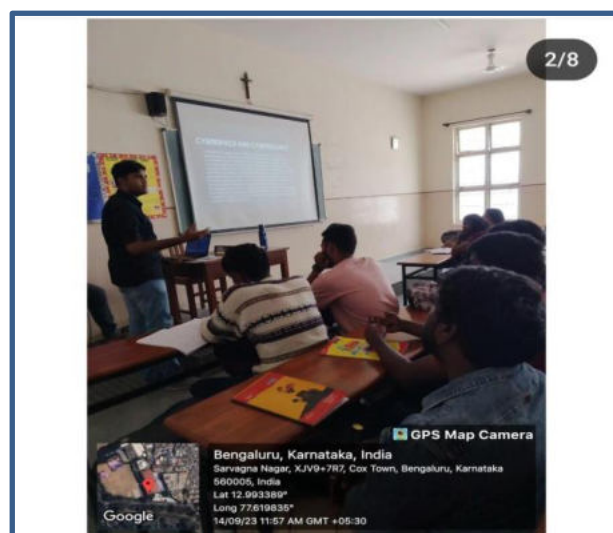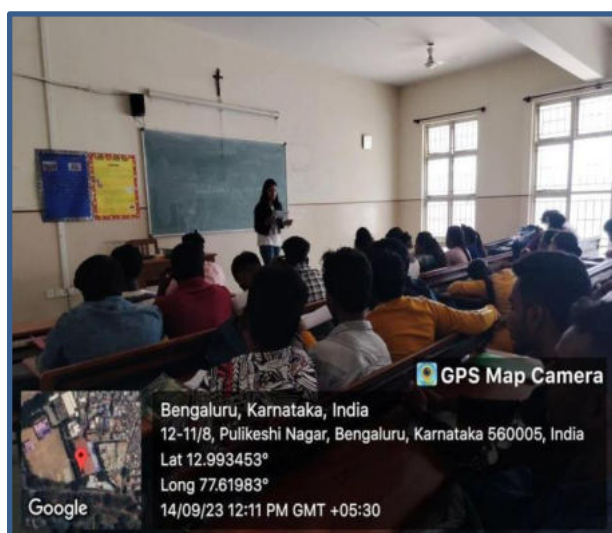
## 2. Bridge Courses:

Bridge courses are like special classes that help students improve their Basic Computers, English, Hindi and Kannada speaking and writing skills. Teachers create lesson plans and books to make learning easier. These courses are important because they help students do better in university exam and at work place.
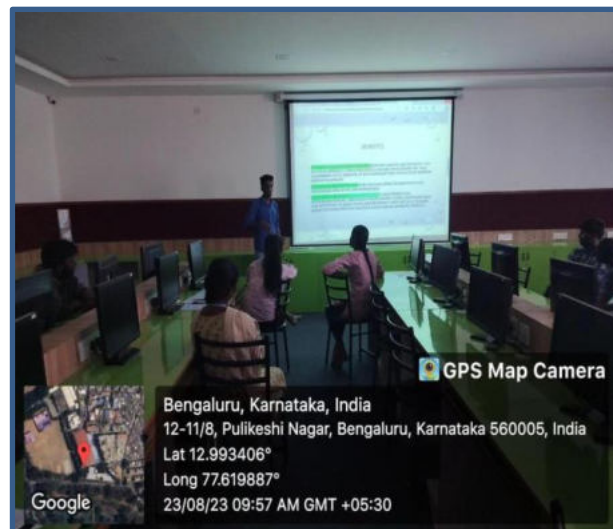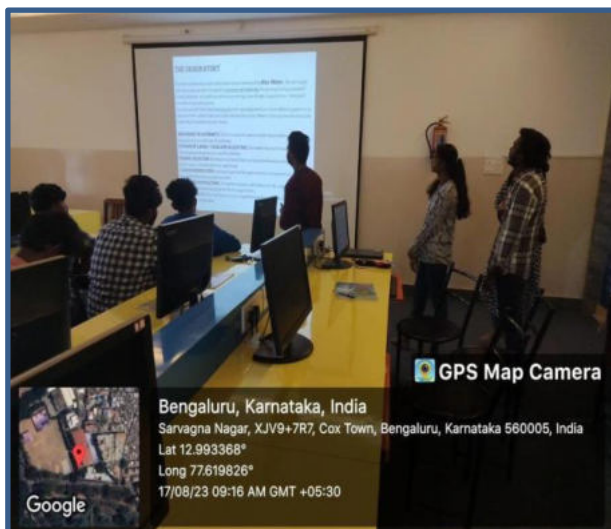
| Sl | Subjects | Link to View File |
|----|----------|-------------------|
| 1 | Bridge Course on Kannada (Sample Copy) | View |
| 2 | Bridge Course on English (Sample Copy) | View |
| 3 | Bridge Course Hindi (Sample Copy) | View |
| 4 | Bridge Course on Basic Computers (Sample Copy) | View |

## 3. Peer Teaching:

Peer teaching involves students creating and delivering PowerPoint presentations with support from their subject teacher, facilitating knowledge sharing among peer groups. This method encourages active participation, enhances communication skills, and promotes collaborative learning. Students not only gain a deeper understanding of the subject matter but also develop confidence in public speaking and presentation abilities. Peer teaching fosters a sense of responsibility and leadership among students as they take on the role of both learner and educator.
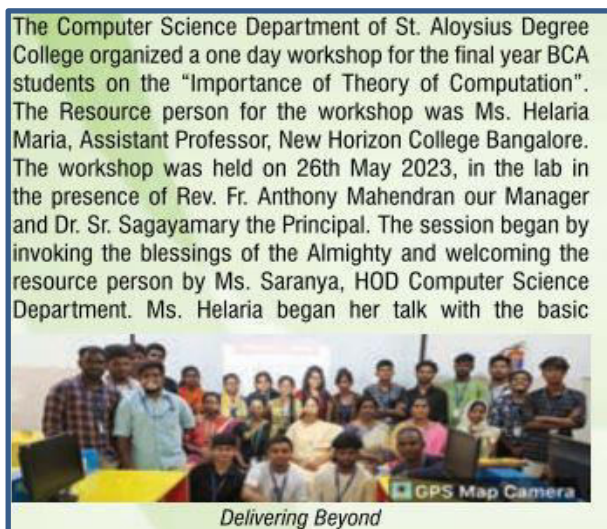
*Students present PowerPoint slides with teacher guidance, fostering collaborative learning.*

## 4. Promoting Innovative Ideas:

Students are empowered to tackle real-world challenges through entrepreneurship, with seminars and workshops providing essential guidance. They actively participate in events like Entrepreneur Development & Institution's Innovation Cell. These initiatives foster a culture of innovation and creativity, equipping students with the tools and knowledge needed to succeed in entrepreneurial ventures. By encouraging active involvement and providing opportunities for skill development, the institution nurtures a generation of entrepreneurial leaders poised to make meaningful contributions to society and the economy.



Hands on work



The Computer Science Department of St. Aloysius Degree College organized a one day workshop for the final year BCA students on the "Importance of Theory of Computation". The Resource person for the workshop was Ms. Helaria Maria, Assistant Professor, New Horizon College Bangalore. The workshop was held on 26th May 2023, in the lab in the presence of Rev. Fr. Anthony Mahendran our Manager and Dr. Sr. Sagayamary the Principal. The session began by invoking the blessings of the Almighty and welcoming the resource person by Ms. Saranya, HOD Computer Science Department. Ms. Helaria began her talk with the basic

Delivering Beyond

## WORKSHOP ON PSYCHO SEXUAL INTEGRATION- "EDUCATION LOVE"

The Department of Social Work, in collaboration with the Family Welfare Centre, organized a highly informative and engaging workshop on Psycho sexual Integration Education Love. The workshop aimed to provide valuable insights and knowledge on the topic to the final year degree and postgraduate students. Distinguished speakers from the field of education and counseling were invited to share their expertise, including Rev. Msgr. S. Jayanathan, Fr. Sunny Richard, Fr. Arun Santhosh and Fr. Naveen.



*Respecting Humanity*

## ECO CLUB CLEANLINESS DRIVE

The Eco Club organized a cleanliness drive in our college campus to promote a greener environment. The Cleanliness drive was initiated by our principal Dr. Sr. Sagayamary in association with Eco Club coordinators Ms. Swathi.K and Ms. Indhumathi.D, the cleanliness drive was conducted from 16th to 27th May 2023, class wise. The first year and final year students were a part of this cleanliness drive. We started by briefing about the importance of cleanliness drive to our students. We took their suggestions and ideas. The Eco Club Coordinators accompanied the students around the college campus to remove weeds and dry leaves. They were given gardening tools to help them complete their tasks. The entire campus was clean.
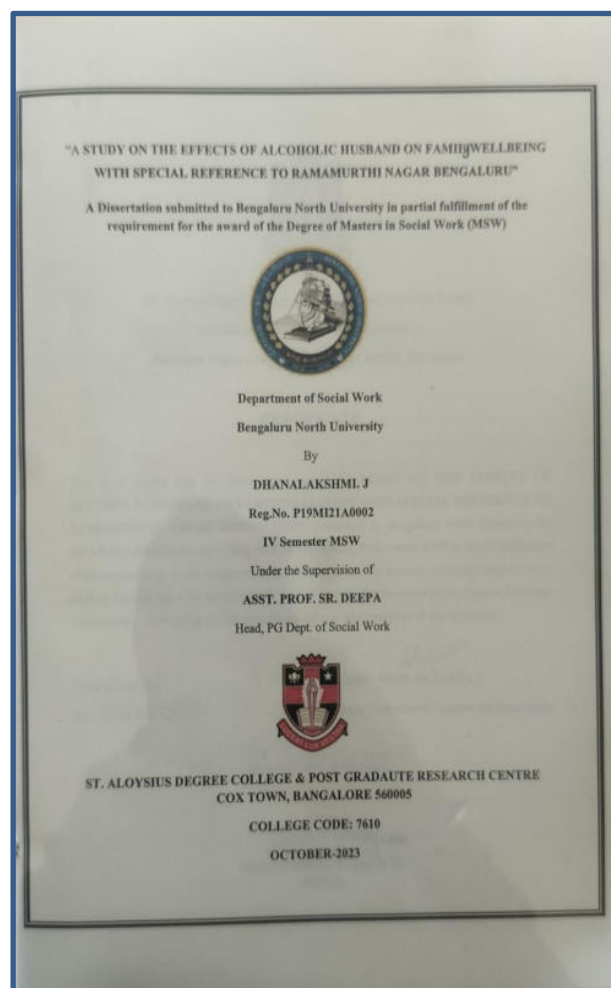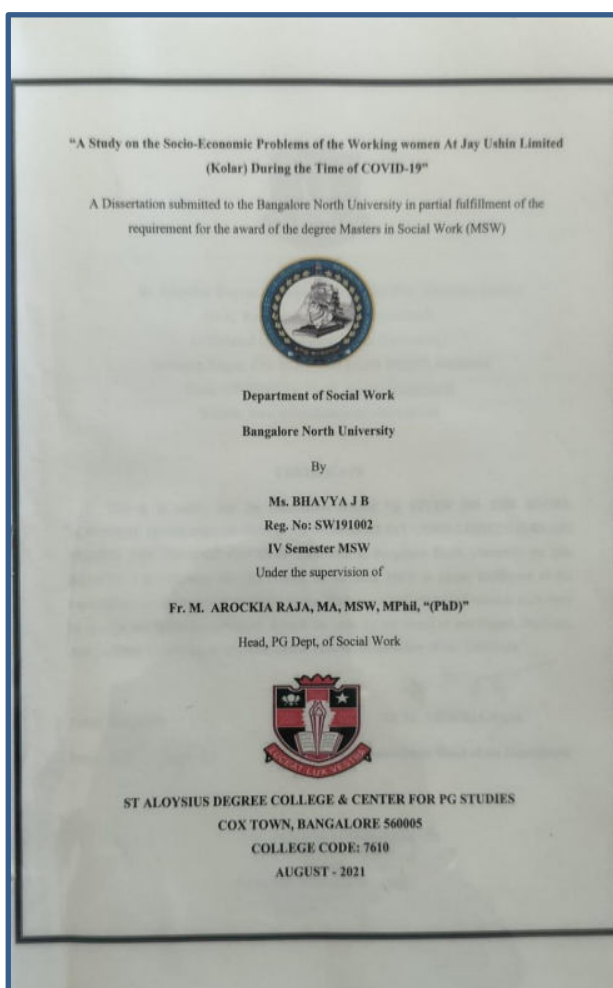


*A Cleaner Environment*

*Students participating in Entrepreneurial Development Activity,
Workshops and Eco Club Cleanliness Drive.*

## 5. Research Based Projects on Social, Environmental Issues:

Students are urged to undertake research-based projects addressing social and environmental issues. This initiative aims to instill a sense of responsibility and commitment to societal welfare and environmental sustainability. By engaging in projects that have real-world relevance, students develop critical thinking skills and a deeper understanding of the complexities surrounding these issues.

*Students pursue socially relevant, environmentally significant projects
fostering responsibility and innovation.*

## 6. Career Orientation / Skill Development Sessions:

Career orientation sessions and Skill development Sessions, facilitated by departments and placement cell, provide students with essential guidance for their professional journey. These sessions cover a wide range of topics including post-college transition, CV preparation, group discussion techniques, and mock interviews. By equipping students with practical skills and knowledge, the institution ensures their readiness for the job market. Moreover, these sessions offer invaluable opportunities for students to enhance their employability and refine their professional competencies. Through active

engagement in these activities, students gain confidence and clarity about their career paths, positioning themselves for success in their chosen fields.







*Training and placement session for our final year students*

## 7. Slow learners and Advanced Learners Programme:

The college implements specialized programs catering to the needs of both slow and advanced learners. Slow learners receive *REMEDIAL CLASSES* and personalized assistance to improve exam performance. Academic Support Programme aids their academic progress. Advanced learners benefit from guidance for competitive exams and supplementary learning materials, enhancing their potential. Additionally, departments offer innovative initiatives such as skimmer classes to cultivate deeper interest in specific fields of study. These tailored programs ensure holistic academic development, catering to diverse learning needs and fostering excellence among students.

| Sl | Particulars | Link to View File |
|----|-------------|-------------------|
| 1 | Slow learners (Remedial Classes Sample Copy) | View |

## 8. Capacity Building Initiatives:

Capacity building initiatives empower students through tasks like organizing management fests and department association activities. These hands-on experiences cultivate essential skills such as effective planning, time management, and resource allocation. By entrusting students with responsibilities, the institution fosters leadership qualities and practical expertise. Through active participation in these initiatives, students develop confidence and learn to navigate real-world challenges.

| Sl | Particulars | Link to View File |
|----|-------------|-------------------|
| 1 | Students Organizing KAIROS fest | View |

*Students from the Department of English Organized a LIT FEST 2023*