

SOPHIA GIRLS' COLLEGE
(AUTONOMOUS), AJMER



DEPARTMENT OF ZOOLOGY

2019-20

1. Health talk and Multispecialty camp

ManipalHospitals
LIFE'S ON



Manipal Hospitals, Jaipur

in collaboration with Sophia Girls College, Ajmer organizes

“Health Talk & Multispeciality Camp”

Free Investigations : Blood Pressure • Blood Sugar • Weight

Dr. Abhishek Hajela

Diabetes & Endocrinology

Dr. Arti Mahla

Obstetrics & Gynecology

Dr. Vivek Pradhan

Orthopaedics

Dr. Kunjlata Khunteta

Ophthalmology

Saturday, 10 August 2019 | 11:00 am to 1:00 pm

Place : Sophia Girls College (Autonomous), Mir Shah Ali Road, Ajmer - 305001

For more information : 7073 478 187

Empanelled by ECHS, CGHS, Railway's, State Govt. & All TPA Companies

Manipal Hospital

Sector-5, Vidyadhar Nagar, Jaipur - 302 013

9116 656 540

1800 102 5555

9001 333 444

www.jaipur.manipalhospitals.com

infojaipur@manipalhospitals.com

Name of Department- Floricans – The Zoology Forum

Name of the Activity-Health talk and Multispecialty camp

Date of activity-10th August 2019

Number of Participants- 188

Venue- Sophia Girls' College (Autonomous), Ajmer

Consultants -

1. Dr. Abhishek Hajela, Specialist in Diabetes & Endocrinologist, Manipal Hospital, Jaipur, 7073478187
2. Dr. Vivek Pradhan, Orthopaedician, Manipal Hospital, Jaipur
3. Dr. Amit, Ophthalmologist, Manipal Hospital, Jaipur
4. Dr. Vishal Yogi, Physiotherapist, Manipal Hospital, Jaipur, 7014138261

Objective of the Activity-

Good health and good sense are two of life's greatest blessings, on this note Orchid -The Botany Forum of Sophia Girls' College, Ajmer in Collaboration with Manipal Hospital, Jaipur, organised a Health talk and Multispecialty camp on 10th Aug. 2019. Dr. Abhishek Hajela delivered a talk on 'Diabetes: Do's and Don'ts'. The talk was very informative and helped the participants to become more aware about this disease. The talk was followed by a free health check-up and consultancy by the invited specialists. This event benefitted a large number of students and staff.

Learning Outcome –

The talk on 'Diabetes: Do's and Don'ts' will create awareness among the students about the dreadful disease Diabetes. The participants will also become aware of their health status by check-up and consultancy.

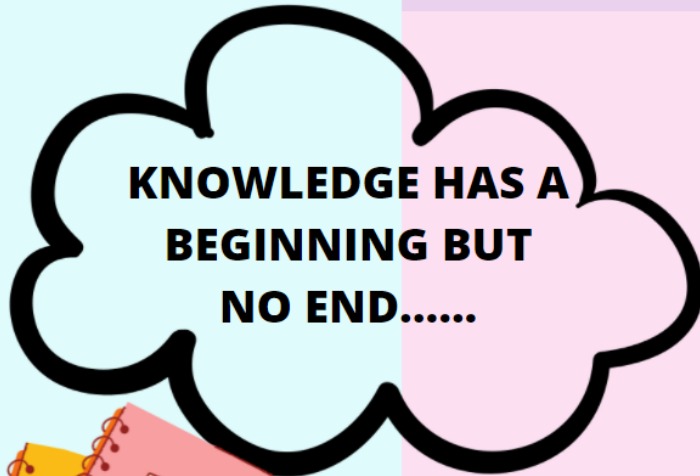




2. Guest lecture on Life Cycle of *Ascaris* and Respiration in Insects



FLORICANS
DEPARTMENT OF ZOOLOGY
SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER



Guest Lecture by
Dr. Meenakshi Gehlot
(Associate Professor
S.P.C Government College, Ajmer)

Date: 2 nd -September-2019

Name of Department: Zoology

Name of the Activity- Guest lecture on Life Cycle of *Ascaris* and Respiration in Insects

Date of activity- 02/09/19

Number of Participants- 54 students of I year

Venue: Room no: 10 (Due to unavailability of the room at that time the guest lecture was shifted to Room no 40)

Resource Person- Mrs.Meenakshi Gehlot –Associate Professor S.P.C Government College, Ajmer -9414208515

Report

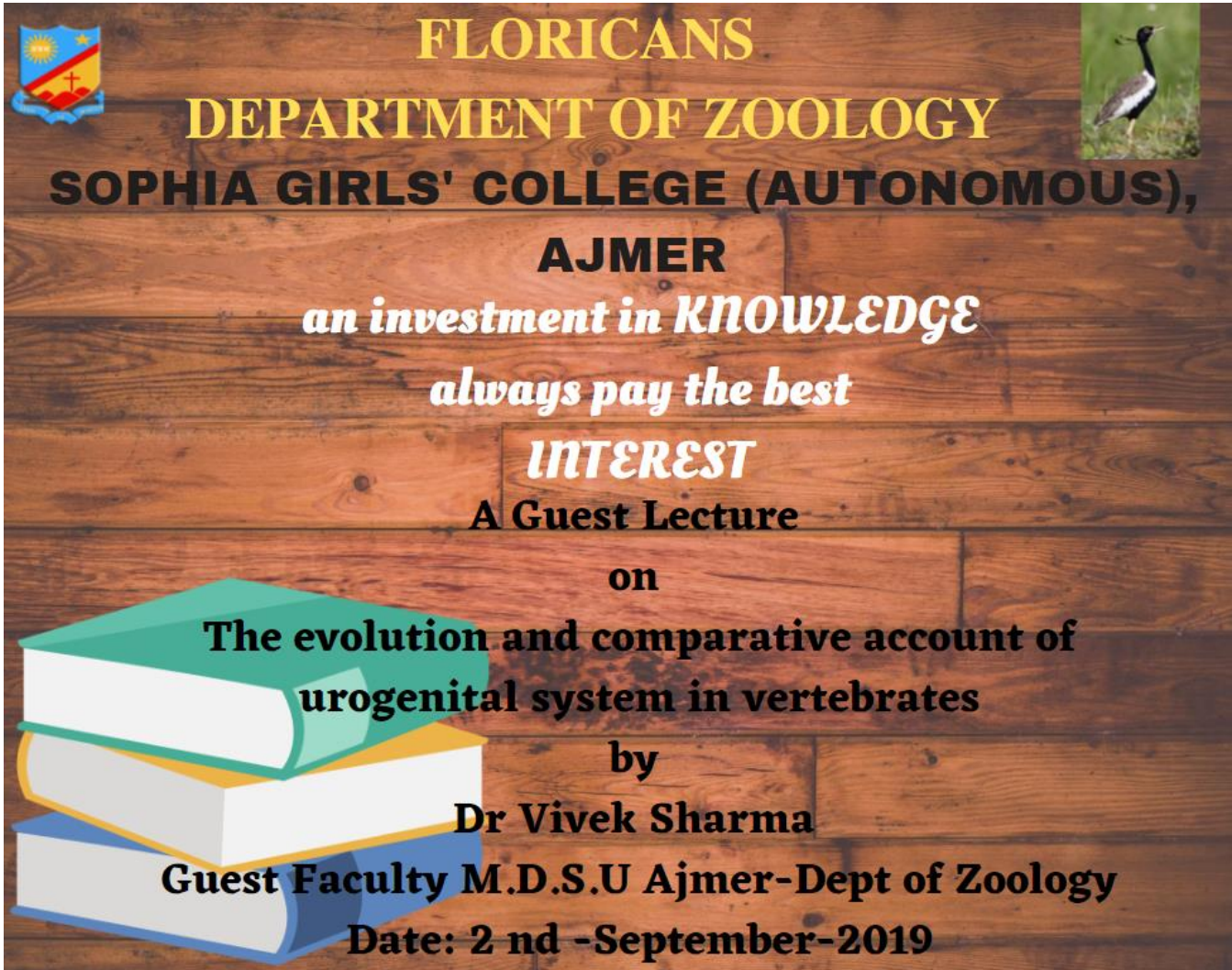
A guest lecture was organised to discuss in detail the life cycle of *Ascaris*. Disease related to the same was also discussed in detail. There was an interactive session followed by the lecture in which the queries of the students were solved.

Learning Objective

The objective of the guest lecture was to introduce the students to the life cycle of *Ascaris* which is a parasitic worm and even give them a basic idea of the respiratory system in insects which is unique in itself.



3. Guest lecture on the evolution and comparative account of urogenital systems in vertebrates.



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DEPARTMENT OF ZOOLOGY
SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
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*an investment in **KNOWLEDGE***
always pay the best
INTEREST
A Guest Lecture
on
The evolution and comparative account of
urogenital system in vertebrates
by
Dr Vivek Sharma
Guest Faculty M.D.S.U Ajmer-Dept of Zoology
Date: 2 nd -September-2019

Name of Department: Zoology

Name of the Activity- Guest lecture on the evolution and comparative account of urogenital systems in vertebrates.

Date of activity- 02/09/19

Number of Participants- 58 students of II year and 56 students of III year.

Venue: Sophia Girls' College Ajmer Auditorium

Resource Person- Dr. Vivek Sharma, currently working as a guest lecturer in Department of Zoology, Maharishi Dayanand Saraswati University, Ajmer – vivekherps@gmail.com

Report


The talk emphasized on the correlation and interconnection of the two major systems of vertebrates, i.e., excretory and the reproductive system. The origin and evolution of urogenital system was highlighted with special references to different vertebrate classes. The entire presentation was very informative and precise. The talk was followed by a fruitful interactive session.

Learning Objective


A guest lecture was organized by the forum which aimed at providing the details and fine nuances of the comparative chordate urinogenital system. The lecture gave them a clear picture of the development and evolution of kidneys and the genital ducts .



4. Guest lecture & Hands of training in Osteology.

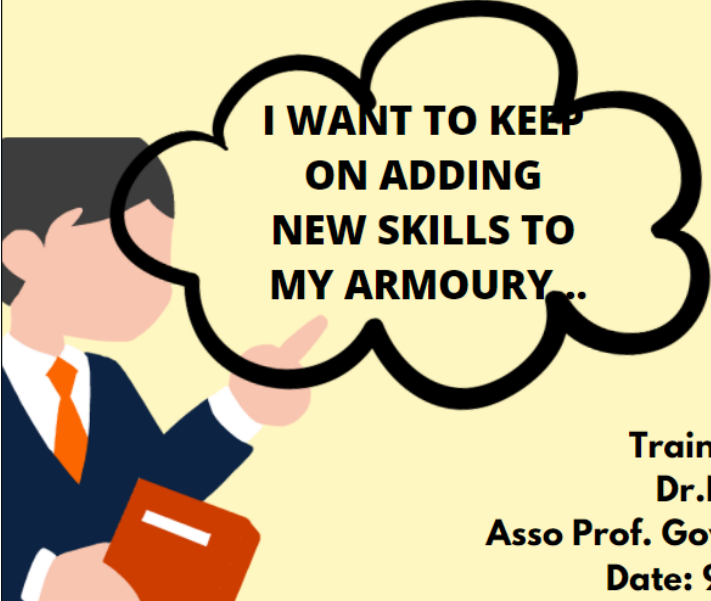


FLORICANS



DEPARTMENT OF ZOOLOGY

**SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER**



**I WANT TO KEEP
ON ADDING
NEW SKILLS TO
MY ARMOURY...**

**Guest Lecture
&
Hands on
Training in Osteology by
Dr. Rajkumar Samant
Asso Prof. Government College Merta City.
Date: 9 th-September-2019**

Name of Department: Zoology

Name of the Activity- Guest lecture & Hands of training in Osteology.

Date of activity-09/09/19

Number of Participants- 52 students of II year and 48 students of III year.

Venue: Sophia Girls' College Ajmer Auditorium

Resource Person- Dr.R.K.Samant, **Head&** Associate Professor Department of Zoology, Government College Merta City.9829180757

Report

Dr Rajkumar Samant an expert in osteology was invited for a guest lecture to familiarize the students with the ENDOSKELETON IN VERTEBRATES. The vertebral columns of different vertebrate classes and its various bones were highlighted during the lecture. This was followed by a hands-on training session to identify various bones. It was an informative and interactive session.

Learning Objective


The aim of conducting the hands-on training was to clear the doubts of students in identifying the limb bones and vertebrae of various phyla of chordates.





M. K. S.
Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer



5. Quiz on Wildlife conservation and Poster Making Competition on Extinct Species.



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DEPARTMENT OF ZOOLOGY

**SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER**



**Quiz on Wildlife Conservation
&
Poster Making Competition on
Extinct Species**

Date: 2 nd-October-2019

Name of Department:Zoology

Name of the Activity- Quizon Wildlife conservation and Poster Making Competition on Extinct Species.

Date of activity- 02/10/19

Number of Participants- 59 Of B.Sc Bio –III

55 of B.Sc Bio-II

51 of B.Sc Bio -I

Venue: Sophia Girls' College Ajmer

Report

A Quiz and a Poster making competition was organized by the forum during the wildlife week Theme of both the events was WILDLIFE.

The quiz comprised of four rounds which were as follows :1) a basic questionnaire, 2) a visual round, 3) dumb charades and 4) a rapid fire round . There were four teams with five members each who participated enthusiastically and competed to become the wildlife champions.

The innovative and creative posters on the endangered and vulnerable animals were displayed in the corridors and were judged on the basis of theme, creativity and message

Learning Objective

The aim of organising the event was to sensitise the students towards wildlife and its conservation.



M. Nigam
Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer

FLORICANS WILDLIFE WEEK QUIZ COMPETITION

02 OCTOBER 2019



M. S. R.

Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer

6. One Day National Seminar on Biotechnology for Sustainable Development

**DEPARTMENT OF ZOOLOGY & BOTANY
SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER**



***R.K Patni College, Kishangargh is organising
One Day National Seminar on
Biotechnology for Sustainable Development***

ON

DATE: 22 FEB 2020

VENUE: R.K PATNI COLLEGE, KISHANGARGH

REGISTRATION FEES: RS.500

Let us all be a part of the event.

Kindly see the brochure attached to it...

TENTATIVE SCHEDULE

Timings	Program
09:00 – 09:30 AM	Registration
09:30 – 10:00 AM	Inauguration
10:00 – 10:30 AM	Keynote Address
10:30 – 11:00 AM	Ice-breaking Tea Session
11:00 – 12:00 PM	Technical Session 1
12:00 – 01:00 PM	Technical Session 2
01:00 – 02:00 PM	Lunch
02:00 – 03:00 PM	Technical Session 3
03:00 – 04:00 PM	Technical Session 4
04:00 – 04:30 PM	Valedictory

Registration will be considered strictly on a **first come first serve basis** (only 150 Participants). Interested candidate have to send duly filled registration form along with registration fee to the office of the convener, by hand or by post latest by **15 February, 2020**.

Accommodation will be provided on the basis of availability on payment basis. No TA / DA will be provided to attend the National Seminar. UG & PG Students and Research Scholar must attach the self-attested photocopy of College/ University identity card along with the form.

ALL CORRESPONDENCE MAY BE SENT TO

Dr. Shruti Shree Pareek
Organizing Secretary
Department of Botany
Shri Ratanlal Kanwarlal Patni Girls' College
e-mail: shruti.pareek@rkgirlscollege.edu.in
7424902115, 7790800703

PATRON

CA Subhash Agrawal, Secretary

ORGANIZING COMMITTEE

Convener

Dr. Vandana Bhatnagar, Principal

Co-Convener

Dr. Shaileendra Patni, Vice Principal

Organizing Secretary

Dr. Shruti Shree Pareek

Coordinators

Vishvajeet Jaroli, Geeta Pallwal, Rani Shahin
Mrigank Bharadwaj

REGISTRATION DETAILS

Participating candidate	Up to 15 th Feb, 2020	On the spot registration
Faculty & Academician	Rs. 500	Rs. 600
Research Scholar & Students (UG & PG)	Rs. 250	Rs. 300



VENUE

Seminar Hall
Shri Ratanlal Kanwarlal Panti Girls' College
TIME : 9:00 a.m. to 4:30 p.m.



Shri Ratanlal Kanwarlal Patni Girls' College, Kishangarh

'Department of Botany'

Organizes

One-day National Seminar on BIOTECHNOLOGY for SUSTAINABLE DEVELOPMENT

22 February, 2020

Sponsored By



Department of Science and Technology,
Government of Rajasthan

ABOUT THE SEMINAR

Recent advances in agricultural applications of modern biotechnology show a significant potential of agricultural biotechnology to contribute to sustainable gains in agricultural productivity, reducing poverty, and enhancing food security in developing countries. As these innovations are increasingly adopted, impact assessment becomes a critical tool for addressing potential socioeconomic and environmental costs and benefits. Biotechnology is one such technology, which has rapidly developed over the past few decades and has great potential for solving many problems pertaining to Agriculture, Industry, Environment and Health, which have direct relevance to sustainable development. These features and potentials of biotechnology have generated great interest among the developing countries, many of which have embarked on various programs in biotechnology at various levels. Such type of seminar provides the very vibrant platform for discussing and exchanging view on modern and sustainable utilization of biotechnological innovations.

ABOUT THE COLLEGE

Shri Ratanlal Kanwarlal Patni Girls' College is a unique illustration of Public Private Partnership between the Government of Rajasthan and the R.K. Group. The college spreads over 15 acres of land with state-of-the-art infrastructure, functioning as per the UGC guidelines. To fulfill the need of a girls' college in this belt of Rajasthan which has low Gross Enrollment Ratio in the field of Higher education, the institution addresses the twin issue of higher education in general and women empowerment in particular. The institution stresses not only on the conventional aspect of college education but also on the more significant factor of skill building and employability.



TOPICS COVERED

- Importance of Biotechnology
- Role of Biotechnology in various fields such as human health, medicine and agriculture
- Introduction to classical and modern biotechnology
- Future prospects of biotechnology and biotech innovations.

EXPERT PROFILE

Prof. Balraj Singh
Project Coordinator, Honey Bee and Pollinators, ICAR-IARI, New Delhi, Former Vice Chancellor, Agriculture University, Jodhpur

Prof. Vinay Sharma
Dean Research and Director, Amity Institute of Bio Technology, Amity University, Jaipur, Rajasthan

Prof. Kailash Agarwal
Retd. Prof. & Head, Dept. of Botany, University of Rajasthan, Jaipur

Dr. Krishankant
Principle Scientist, Agriculture Entomology, National Research Centre on Seed Spices

WHY SHOULD YOU ATTEND?

- The basic objective of the national seminar is to attract talent to the study of science at an early stage & build the required critical human resource pool for strengthening and expanding the science and technology system and R&D base.
- One to One Interaction Session with the Experts
- Participate in Panel Discussion
- Open for UG & PG Students, Research Scholars, Faculty, Industry Professionals and Start-ups of all Engineering and Sciences Domains
- Certificate of Participation

One-day National Seminar on BIOTECHNOLOGY for SUSTAINABLE DEVELOPMENT

sponsored by
Department of Science and Technology,
Government of Rajasthan

on
22 February, 2020

Registration Form

(All entries in capital letters only)

Name:
Father's Name:
Mother's Name:
Date of Birth: Gender: M / F
Designation:
Department:
Organization:
Area of Research:
Address:
Mobile No.:
E-Mail ID:
Highest Educational Qualification:

The information provided herewith is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop.

Signature: Date:

For office use only:

Amount:
Receipt No.: Dated:
Signature (Office)

Name of Department: Zoology

Name of the Activity-One Day National Seminar on Biotechnology for Sustainable Development

Date of activity- 22/02/2020

Number of Participants- 24students of II year and 20 students of III year.

Venue: R.K Patni College, Kishnagarh

Resource Person- Dr.Vinay Sharma;Mr. Kailas Agarwal;Mr.Balraj Singh

Report

Two Faculty members from the department of Zoology accompanied around 40 students to attend a seminar on Biotechnology in Kishangarh. The seminar primarily focussed on modern applications of biotechnology and its role in sustainable development. Various competent speakers like: Dr. Vinay Sharma (discussed tools of biotech), Mr. Kailas Agarwal (spoke about food security), Mr. Balraj Singh (informed about role of pollinators) shared their knowledge about crop biotechnology, transgenic plants and improvement in agriculture by genetic engineering techniques.

Learning Objective

The seminar introduced the students to the importance and applications of biotechnology and gave them an opportunity to discuss their queries with the experts.


Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer



M. A. S.

**Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer**



FLORICANS DEPARTMENT OF ZOOLOGY



&

NATURE CLUB



**SOPHIA GIRLS' COLLEGE (AUTONOMOUS),
AJMER**

Online water conservation campaign

Date: 14-March-2020



A handwritten signature in blue ink, appearing to read "M. Singh".

**Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer**

Name of Department: Zoology

Name of the Activity- Online water campaign

Date of activity- 14thMarch 2020

Number of Participants- 230 responses

Venue: Sophia Girls' College (Autonomous), Ajmer

Link of the Activity:

<https://forms.gle/E355euFokg5fj4AS7>

Report

Little drops of water make the mighty ocean. In line with our commitment to preserve water, the precious gift of Mother Nature, **the Nature Club and the Department of Zoology & Geography' Sophia Girls' College Autonomous, Ajmer** jointly conducted an online campaign towards this noble cause. The programme was titled 'Water Conservation Campaign'. A pledge to save and conserve water was made by many people through the Google form and together they supported this humane cause.

Learning Objective

The aim of the event was to involve the students in preserving this precious resource.



**Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer**



GOOD NEWS GROUP

SOPHIA GIRLS' COLLEGE (AUTONOMOUS)

AJMER



*Be a voice
for
Humanity*



M. K. S.

Head
Department of Zoology
Sophia Girls' College
(Autonomous), Ajmer

GOOD NEWS GROUP ACTIVITY
(ALONG WITH DEPARTMENT OF ZOOLOGY)

2019-20

Name of the Forum – Good News Group

Name of the Activity- Visit to Central Jail

Date of activity- 12 December,2019

Number of Participants- 3 students of B.Sc Biology along with one staff member from the Dept of Zoology.

Venue: Central Jail

Report

"I came not to call the respectable but the outcasts."(Luke 5:32)

To show God's love and compassion the Good News Group members went to visit the inmates of the Central Jail. The members spread the Good news of our Lord's birth by singing carols and a skit depicting his love and peace was also performed. The program concluded with a prayer.

Resource person: Fr. Robin, Sr Carol, Sr. Swapana and Sr Vinita.

Learning Outcome: importance of freedom which is sometimes taken for granted and responsible handling of the freedom.



GOOD NEWS GROUP ACTIVITY
(ALONG WITH DEPARTMENT OF ZOOLOGY)

2019-20

Name of the Forum – Good News Group

Name of the Activity- Visit to Women's Jail

Date of activity- 13th December, 2019

Number of Participants- 6 students of B.Sc Biology.

Venue: Central Jail

Resource persons: Fr. Vishal, Fr. Cosmos, Sr. Carol, Sr. Swapana M.S.A.

Report

"Love your enemies; do well to those who hate you, bless those who curse you and pray for those who ill-treat you." Luke (6:27) Members of Good News Group visited Women's Jail spreading his message of peace and mercy for all Members performed carols, skit, dance and action song with them, and ended with a short prayer.

Learning Outcome

Importance of freedom which is sometimes taken for granted and responsible handling of the freedom.

