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Mysore Makkala Koota &

**SHRI DHARMASTHALA MANJUNATHESWARA MAHILA MAHAVIDYALAYA**

Krishnamurthypuram, Mysore - 570 004

Affiliated to University of Mysore, Accredited by NAAC with B Grade

Vision: "Empowerment of Women to face the global challenges"

### Interdisciplinary Program

Sl No.	Date	Organizer Department	Name of the Faculty	Title of the topic	Beneficiaries
1	29/11/2022	Chemistry	Smt Chaitra N, Assistant Professor, Department of Mathematics	Integral and Differential Formulae	10
2	18/12/2022	Chemistry	Smt Ramya S K Associate Professor, Department of Computer Science	Cyber Security	49
3	21/01/2022	Commerce and management	Ms Niharika V Jain Assistant Professor, Department of Physics	Doppler effect	38
4	12/05/2022	Commerce and Management	Smt Namratha Assistant Professor, Department of Physics	Gravitational force	33
5	11/01/2023	Biotechnology	Mrs RachanaPradeep Assistant Professor, Department of Biotechnology	Business Communication	30
6	23/01/2023	Physics	Ms Prathima, Assistant Professor, Department of Commerce and Management	Branding	17
7	8/12/2022	Computer Science	Smt Pavithra V Assistant Professor, Department of Chemistry	Chemistry in food	59
8	20/12/2022	Computer Science	Smt Chaitra N Assistant Professor, Department of Mathematics	Asymmetric Key Cryptography	63
9	10/01/2023	Computer Science	Smt Chaitra N Assistant Professor, Department of Mathematics	Chinese Remainder	64
10	11/01/2023	Computer Science	Smt Rajarajeshwari R Assistant Professor, Department of Microbiology	Microbes in your drinks- check what you drink	67

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11	29/05/2023	Microbiology	Ms Sowmya N Assistant Professor, Department of Computer Science	Cyber security	32
12	30/05/2023	Biochemistry	Ms Niaharika V Jain Assistant Professor, Department of Physics	X-ray crystallography	31

  
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**Programme title: Inter disciplinary lecture programme**

**Date: 29-11-2022**

**Time : 3 PM to 4 PM**

**Organised by : Department of Chemistry**

**Name of the faculty : Smt Chaithra N, HOD, Department of Mathematics**

**Topic : Integral and differential formulae**

**Venue: G006**

**Total no. of participants/beneficiaries: 10**

**Objective: To introduce another disciplinary subject to the students**

**Programme details :** As a part of inter disciplinary lecture programme, Smt Chaithra N, HOD, Department of Mathematics delivered a lecture on “Integral and differential formulae” to II B.Sc students.

**Outcome :** The students were motivated to learn mathematics

**Geo Tagged Photo :**



  
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**Programme title: Inter disciplinary lecture programme**

**Date : 18-12-2022**

**Time : 12 PM to 1 PM**

**Organised by : Department of Chemistry**

**Name of the faculty : Smt Ramya S K**

**Topic : Cyber Security**

**Venue : G006**

**Total no. of participants/beneficiaries : 49**

**Objective : To create awareness regarding the internet usage and hacking**

**Programme details:** As a part of Inter disciplinary lecture programme, Smt Ramya S K , assistant professor, dept of computer science, gave a lecture on “cyber security” to III B.Sc students

**Outcome :** The students reported that they would be careful while using the social media.

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DEPARTMENT OF COMMERCE & MANAGEMENT

DETAILS OF INTER DISCIPLINARY LECTURE PROGRAMMES TO THE DEPARTMENT 2022-23

Sl. No.	Date	Topic	Beneficiaries	Name of the Faculty Members
01	21.10.2022	Doppler Effect	I BBA	Ms.Niharika Jain V, Asst Prof, Dept of Physics.
02	12.05.2023	"Gravitational Force"	III B.Com. B	Smt.Namratha, Assistant Professor, Department of Physics.

DETAILS OF INTER DISCIPLINARY LECTURE PROGRAMMES BY THE DEPARTMENT 2022-23

Sl. No.	Date	Topic	Beneficiaries	Name of the Faculty Members
01	11.01.2023	"Business Communication"	III B.Sc. Bio technology	Mrs Rachana Pradeep
02	23.01.2023	"Branding"	I B.Sc.	Ms Prathima M

  
Principal

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HOD  
Head of the Department  
Department of Commerce & Management  
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K M Puram, Mysore

**MMK and SDM Mahila Mahavidyalaya, Mysore  
Department of Commerce and Management**

**Department:** DEPARTMENT OF COMMERCE AND MANAGEMENT

**Program:** Inter Disciplinary Program

**Date:** 21.10.2022.

**Topic:** "Doppler Effect"

**Time:** 3:00 pm to 4:00 pm

**Organizer:** Ms. Suprada Jain, Assistant Professor, Department of Commerce and Management.

**Venue:** Classroom

**Total Participants:** 38

**Program Objectives:** To introduce students to Doppler Effect and its significance.

**Program Details:** Ms. Suprada Jain, Asst Prof, organized interdisciplinary lecture for I BBA on the topic "Doppler Effect" by Ms.Niharika Jain V , Asst Prof, Dept of Physics (Participants: 38)

**Program Outcomes:** Students understood the diverse applications and significance of Doppler Effect.



*Suprada Jain*  
**HOD**

Head of the Department  
Department of Commerce & Management  
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K M Puram, Mysore

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Department of Commerce and Management**

**Department:** DEPARTMENT OF COMMERCE AND MANAGEMENT

**Program:** Inter Disciplinary Program

**Date:** 12.05.2022.

**Topic:** "Gravitational Force"

**Time:** 11.00 am to 12:00pm

**Organizer:** Mr. Prashanth Jain H V, Assistant Professor, Department of Commerce and Management.

**Venue:** Classroom

**Total Participants:** 33.

**Program Objectives:** To introduce students to Gravitational Waves and its significance.

**Program Details:** Mr. Prashanth Jain H V has organized interdisciplinary program on "Gravitational Force" for III B.Com. B which was given by Smt.Namratha, Assistant Professor, Department of Physics. (No. of participants: 33)

**Program Outcomes:** Students understood the different perspectives of the fundamental force that shapes the universe.



*Prashanth Jain*  
HOD

Head of the Department  
Department of Commerce & Management  
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K M Puram, Mysore

*Namratha*  
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Department of Commerce and Management**

**Department: DEPARTMENT OF COMMERCE AND MANAGEMENT**

**Program: Inter Disciplinary Program**

**Date: 11.01.2023.**

**Topic: "Business Communication"**

**Time: 10.00 am to 11.00 am**

**Organizer: Mrs Rachana Pradeep, Assistant Professor, Department of Commerce and Management.**

**Venue: Classroom**

**Total Participants: 30.**

**Program Objectives:**

- The program objective of business communication is to equip students with the skills and knowledge necessary to communicate effectively in professional setting.

**Program Details:** Interdisciplinary lecture program was given by Mrs Rachana Pradeep, Assistant Professor for III B.Sc. Biotechnology students on topic "Business Communication" (No. of Participants:30)

**Program Outcomes:**

- The students got to know the business communication skills are vital for future success in the workplace.
- The students learnt presentation skills required for the interview
- The students learnt, communications skills are very essential for the business.

**Geo Tag Photo:**



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*[Signature]*  
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**Department of Commerce and Management**

**Department: DEPARTMENT OF COMMERCE AND MANAGEMENT**

**Program: Inter Disciplinary Program**

**Date: 23.01.2023.**

**Topic: "Branding"**

**Time: 12:00pm to 1:00pm**

**Organizer Smt. Navyashree, Assistant Professor, Department of Physics**

**Venue: Classroom**

**Total Participants: 17.**

**Program Objectives:**

1. To provide an insight about Branding to I Bsc students.
2. To empower students to combine frameworks and concepts from commerce discipline.
3. To help them to make real connections across subjects and disciplines.
4. To improve learning outcomes and multi- dimensional approach to subject matter.

**Program Details: Interdisciplinary lecture conducted by Ms Prathima M, for I B.Sc. Physics Students on the "Branding" (No. of Participants: 17)**

**Program Outcomes:**

1. The students were able to get an insight on the topic Branding.
2. It helped the students to connect ideas and concepts of Branding.
3. The students were able to apply and analyze the notion behind various brand logos.



1428-4-D, Ramaiyer Rd, Krishnamurthypuram,  
Lakshmpuram, Mysuru, Karnataka 570014, India

Latitude  
12.293488333333334°

Longitude  
76.643443333333334°

Local 12:17:00 PM  
GMT 06:47:00 AM

Altitude 11.47 meters  
Monday, 23.01.2023

  
HOD

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Principal

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Department Name : COMPUTER SCIENCE

Program Name : Inter Disciplinary Lecture Programme – Chemistry in Food

Date: 8/12/2022

Time: 10-11

Organizer: Smt. Ramya S K, Associate Professor of Computer Science

Venue: S209

Total Participants: 59 III BCA Students

Objective: To create awareness regarding chemicals in food that we eat

Program Details: Smt.Pavithra V, HOD , Department of Chemistry interacted with III BCA students regarding various chemicals present in our food , briefed the students regarding the effects of having junk foods and discussed about the food which are healthy.

Program Outcome: Students got to know about the chemicals present in various types of food, about food coloring and also gained knowledge regarding the do's and don't,s while chosing the food. Ex: Do eat Fruit, Don't eat Junk.

Geo Tag Photo:





Department Name: COMPUTER SCIENCE

Program Name: Interdisciplinary Lecture Program

Date: 20/12/2022

Time: 12 p.m

Organizer: Smt. Rajitha V, Associate t Professor of Computer Science

Venue: S209

Total number of Participants: 63

**Objective:** The main objective is to develop student knowledge, problem-solving skills, self-efficacy while they can observe various learning styles from faculties of diverse backgrounds.

**Program Details:** Smt. Chaitra N, HoD of Mathematics gave a lecture for III BCA students on the topic "Asymmetric Key Cryptography."

**Program Outcome:** Students could understand, engage and learn how to solve problems related to Asymmetric Key Cryptography

**Geotagged Photo**



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Department Name: COMPUTER SCIENCE

Program Name: Interdisciplinary Lecture Program

Date: 10/1/2023

Time: 12 p.m

Organizer: Smt. Rajitha V, Associate Professor of Computer Science

Venue: S209

Total number of Participants: 64

**Objective:** The main objective is to develop student knowledge, problem-solving skills, self-efficacy while they can observe various learning styles from faculties of diverse backgrounds.

**Program Details:** Smt. Chaitra N, HoD of Mathematics gave a lecture for III BCA students on the topic "Chinese Remainder".

**Program Outcome:** Students could understand, engage and learn how to solve problems related to Chinese Remainder and its application for secure communication in Network Security.

Geotagged Photo



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Department Name: DEPARTMENT OF COMPUTER SCIENCE

Program Name: Inter Disciplinary Lecture Program

Date: 11/01/2023

Time: 10.00am

Organizer: Smt K S Sukrutha, Associate Professor & Head, Department of Computer Science

Venue: Classroom S205

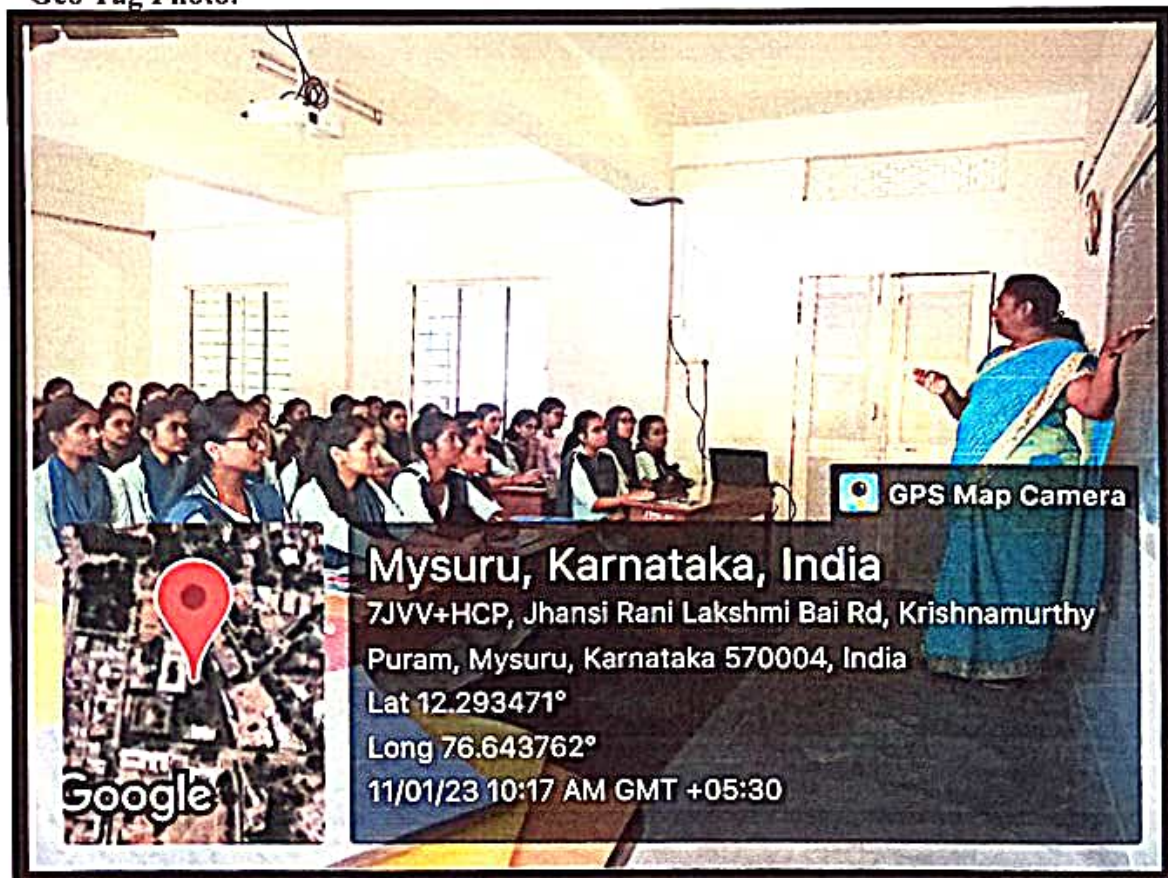
Total Participants: 67 First year BCA students

Objective: To make students know about safe drinking

Program Details: - Smt Rajarajeshwari R delivered a talk on the topic "Microbes in your drinks- Check what your drink" for I BCA students as part of Interdisciplinary Lecture Programme.

Program Outcome: Students were able to understand the Properties and Categories of soft drinks/ beverages, Soft drinks associated microbe and its effect, Microbiological health risks linked with beverages

Geo Tag Photo:





Department Name: COMPUTER SCIENCE

Program Name: Interdisciplinary Program

Date: 29/05/2023

Time: 11 AM

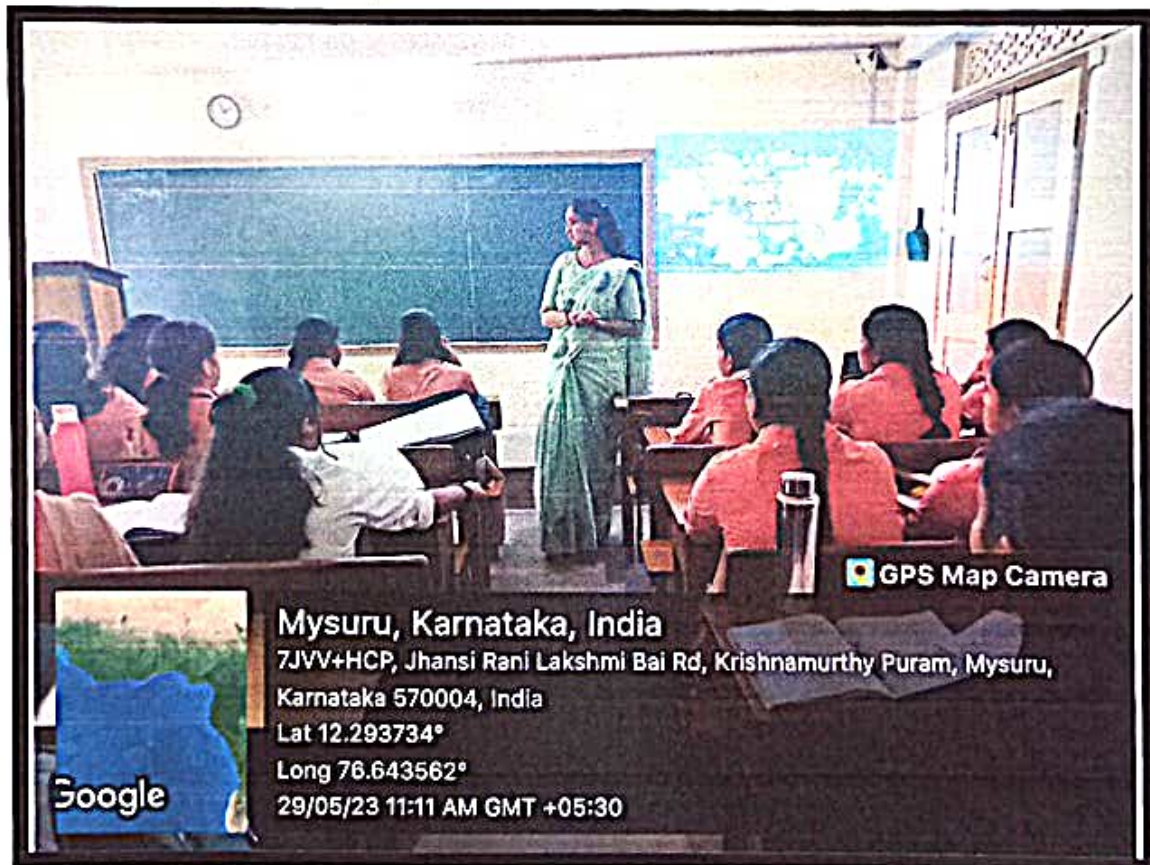
Venue: Classroom S213

Total Participants: 32 Students

**Objective:** To create awareness among students on cyber-attacks, security measures. Prepare students with the technical knowledge and skills needed to protect and defend computer systems and networks.

**Program Details:** Ms. Sowmya N, Assistant Professor, Department of Computer Science conducted an Interdisciplinary Program to II BSc(BMBT) student on the topic "Cyber Security".

**Program Outcome:** Students were able to understand the cyber security landscape, importance of personal data, its privacy and various security measures.



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**Department: DEPARTMENT OF BIOCHEMISTRY**

**Program: Interdisciplinary Lecture Program**

**Date: 30.05.2023**

**Time: 10.00 am to 11.00 am**

**Organizer: Dr Chaitanya Pandit, Assistant Professor, Dept of Biochemistry**

**Venue: Classroom**

**Total Participants: 31**

**Program Objectives:** To educate students about the principle and working of X ray crystallography technique and its application in understanding the structure of bio-molecules

**Program Details:** An Interdisciplinary program with department of Physics was organized, where a lecture on 'X ray crystallography' was delivered by Ms Niharika V Jain, Assistant Professor, dept of Physics to final year BMBt students.

**Program Outcomes:**

1. The students learnt the principle, working and applications of X- ray crystallography technique
2. Specifically, the application of X ray crystallography in studying the structure of bio-molecules was discussed



Ms. Niharika Jain delivering a lecture on "X Ray Crystallography" on 30.0.2023

Report prepared by Dr. Chaitanya Pandit

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