

## Inauguration of BCA Batch 2022-23

Inaugural Function of BCA Batch 2022-23 was held on 20<sup>th</sup> August 2022. Chief Guest for the day was Mr. Milind Prabhu, CEO Genora Infotech. He spoke on what is there in information technology for the students.



# Dnayantsav celebration

Dnayantsav was celebrated during Navrati, women's from IT Industries had visited BCA department and delivered talks on different domains of Information Technology. This was a certificate course on Trends in Technology organized by Department of Computer application from 26.09.2022 to 04.10.2022.

**THIS NAVRATRI**  
Department of Computer Application Organizes  
**ज्ञान उत्सव**  
Certificate course in "Trends in Technology"  
will be Presented by Women in Tech world  
From 26th of September to 4th of October  
For all BCA students

Murgaon Education Society  
**COLLEGE OF ARTS AND COMMERCE**  
ZUARINAGAR - GOA. - 403 726  
Accredited by NAAC with B- Grade: CGPA 2.68 (4<sup>th</sup> Cycle)

(on 26th Sep 2022) (on 27th Sep 2022) (on 28th Sep 2022) (on 29th Sep 2022) (on 30th Sep 2022) (on 1st Oct 2022) (on 3rd Oct 2022) (On 4th Oct 2022)

Ms. Farheen Sayed  
CEO Vanillakart

Ms. Swarupa V  
CTO of Riskmemo &  
Tech P.M of codeshastra

Ms. Natasha Dias  
General Manager, HQ

Ms. Ekta Agarwal  
CEO, Founder S.S  
Technologies

Ms. Poonam Narvekar  
CTO, UMang Software

Ms. Vandana Vaik  
Asst.Prof. Research  
Development & Innovation for  
State higher education council

Ms. Archana Bane  
Analyst, HRIS

Ms. Sunaya Shirodkar  
Founder, Director at Asier  
Solutions

**Venue : BCA Seminar Hall**

Ms. Gauri Dessai  
BCA Co-ordinator

Dr. Manasvi M. Kamat  
Principal

75  
आजादी का  
अमृत महोत्सव

GOA@60

50  
INDEPENDENCE DAY

समृद्धि

सिंहानिर्भर भारत  
स्वयंपूर्ण गोवा



**Session on ERP – SAP, Analyst CommScope on 03.10.22 by Ms. Archana Barve Analyst, HRIS**

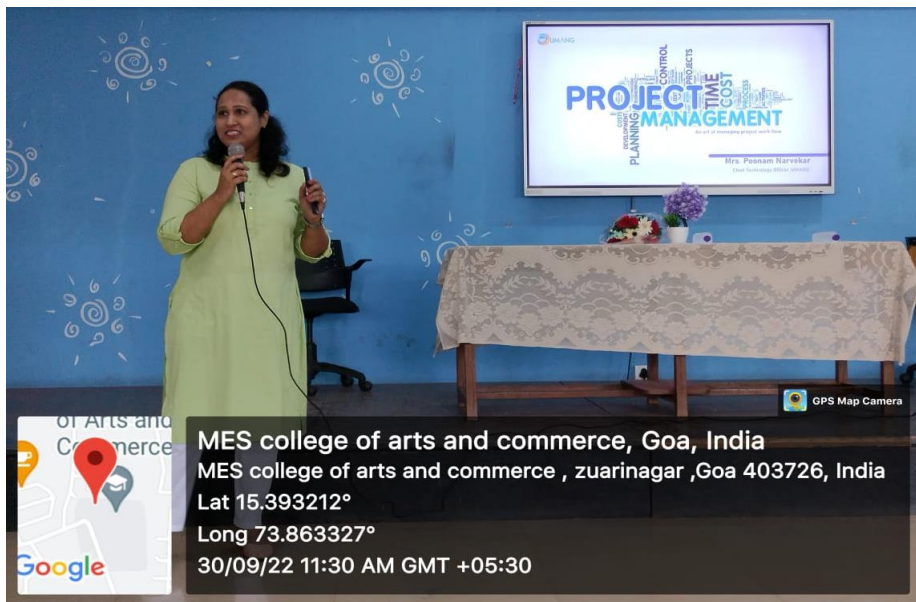




**Session on Artificial Intelligence on 04.10.22 by Ms. Sunaya Shirodkar  
Founder, Director at Asier Solutions**



**Session on Digital Marketing on 29.09.22 by Ms. Ekta Agarwal CEO, Founder  
S.S Technologies**



**Session on Project Management on 28.09.22 by Ms. Poonam Narvekar CTO, Umang Software**



**Session on IT in Hospitality Sector on 30.09.22 by Ms. Natasha Dias General Manager The HQ**



**Session on Career Paths in IT on 27.09.22 by Ms. Swarupa V CTO of Riskmemo & Tech P.M of codeshastra**



**Session on Entrepreneurship on 26.09.22 by Ms. Farheen Sayed CEO Vanillakart**



## Summary Report

### Short Term Certificate Course on “Fun Projects with Scratch Programming”

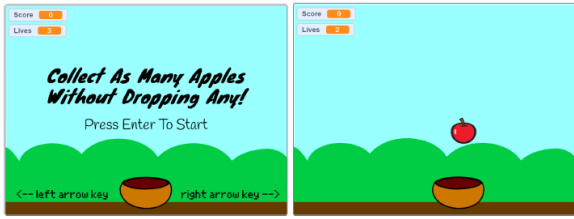
Scratch is the world’s largest coding community for children and a coding language with a simple visual interface that allows young people to create digital stories, games, and animations. Scratch is designed, developed, and moderated by the Scratch Foundation.

Scratch promotes computational thinking and problem solving skills; creative teaching and learning; self-expression and collaboration; and equity in computing.

The ability to code computer programs is an important part of literacy in today’s society. When people learn to code in Scratch, they learn important strategies for solving problems, designing projects, and communicating ideas.

The Certificate Course was conducted for 30 hours. Total 31 FYBCA students had enrolled for the workshop and 31 FYBCA students completed successfully. The course was conducted by Mr. Rajesh D. Tanksali, Assistant Professor, Department of Computer Application (BCA). Students have completed very interesting projects on Scratch. This Certificate Course helped them to make Animated Stories, Animated Games and overall it helped them in publishing digital activity. The evaluation was conducted for all participants using Quizes.

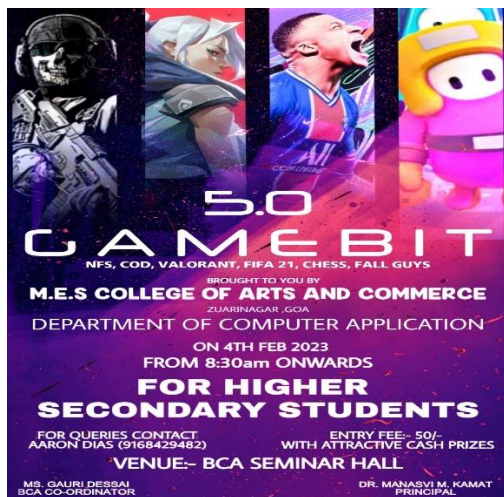




## GameBit 5.0

Department of Computer Application had organized GameBit 5.0 on 4<sup>th</sup> February 2023. Total of 37 students participated and 12 teams of 5 members each team had participated. We had various games such as FIFA 22, Chess, Valorant, NFS & Call of Duty (COD). There winners were: -

1. FIFA 22 – Adarsh Kumar
2. Chess - Sahil Dessai
3. NFS – Nilesh Warad
4. COD – Comment Cava Team
5. Valorant – Mara Mari Bois Team



## **Career Guidance for HSSC**

Career guidance sessions were conducted as a course promotion activity for HSSC students.

1. Baina Higher Secondary School
2. Keshav Smruti Higher Secondary School
3. Shree Shantadurga Higher Secondary School
4. Deepvihar Higher Secondary School
5. MES Higher Secondary School





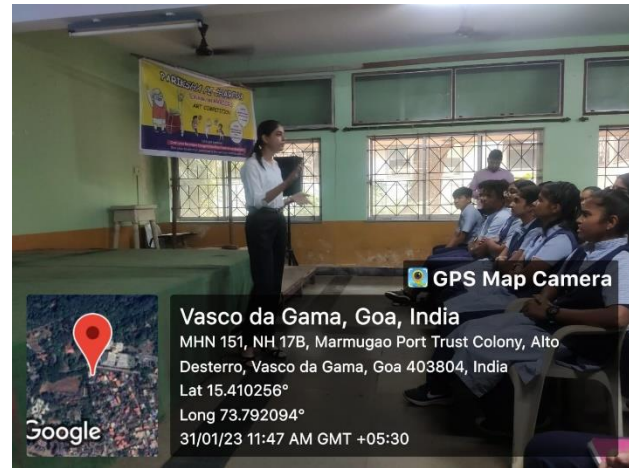
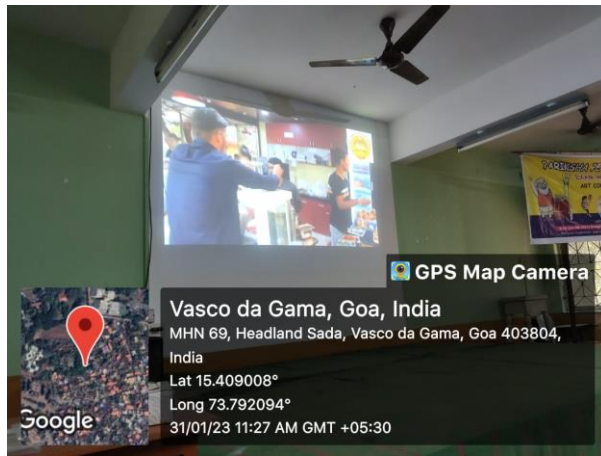
Shree Shantadurga Higher Secondary School



Keshav Smruti Higher Secondary School



MES Higher Secondary School



Deepvihar Higher Secondary School

## **BCA STUDENTS PARTICIPATION IN VARIOUS COLLEGES FOR INTERCOLLEGIATE EVENT**

- BCA students participated in Don Bosco College for COLOSSUS 10.0 event.
- BCA students participated in SPECTRA event organized by Damodar College.
  - ShopCart – Abhishek Banaj & Shaurya Jaiswal
  - FIFA – Aaron Dias
- BCA students participated in NOESIS 2023 organized by Rosary College.
- 10 BCA students participated in workshop on Node.js technology organized by Parvatibai Chowgule College of Arts & Science.
- FYBCA students were taken to educational tour on 1<sup>st</sup> February 2023 to Dr. Malik farm Pernem-Goa. Total 75 students attended educational tour.



- 51 TYBCA students were taken to educational field trip to SmartLink Holdings Pvt. Ltd. on 7<sup>th</sup> February 2023 to understand B2B business, SCM, CRM, Production line with assembling of materials, customers handlings and distribution channels.
- Mr. Shishir Juwarkar won 2<sup>nd</sup> place in photography event organized by Damodar College of Commerce & Economics in ANANTARA event.
- For the knock-out competition BCA students stood 2<sup>nd</sup> place in ANANTARA event organized by Damodar College of Commerce & Economics
- BCA students won 3<sup>rd</sup> place in Seven tiles competition of ANANTARA event organized by Damodar College of Commerce & Economics

## **TYBCA SMARTLINK HOLDINGS PVT. LTD FIELD TRIP**







## **FDP PROGRAMME ON EXPERIENTIAL LEARNING, CREATIVE THINKING, AND HANDS-ON PEDAGOGY ORGANIZED BY DHE**

### **FDP on “Experiential Learning, Creative Thinking, and Hands-on Pedagogy”**

FDP Session on “Experiential Learning, Creative Thinking, and Hands-on Pedagogy” was organized by DHE and GSHEC in association with Centre for Creative Learning, IIT Gandhinagar from 16<sup>th</sup> to 20<sup>th</sup> January 2023 in the Chemistry Block of Goa University.

Mr. Rajesh Tanksali (BCA Department) and Mr. Hussain Yasser Razak (Economics Department) of MES College of Arts and Commerce, Zuarinagar attended the five days FDP Sessions at Goa University along with other participants of other colleges.

Day1 Session involved Interaction with Teachers and Introduction to CCL. The 1st day involved discussion regarding basic concepts of mathematics like Mass, Volume and Density. We explored the idea of fermi questions. We discussed paper folding and its mathematical properties. This involved a discussion on the design of A4 paper such as its Size, Weight and Ratio. We explored the geometry behind folding angles for a A4 size paper etc. An activity explaining cutting A4 paper with multiple folds at various places gives rise to several other mathematical concepts like Square, Rectangle, Triangle, Hexagon, Pentagon, etc and even many Persons connected side to side. Assignments like estimating barbers in Goa, Making Cube from Potato and later cut to 3 pyramids, division by right side, bicycle pedal going back, murder mystery by Sherlock homes were given as a part of Homework and later solved during succeeding sessions.

Day2 involved introducing the concept of fractals with various triangle examples and formula. We discussed the visualization of fractals on various natural phenomenon. Second part of the day involved discussion on Neeraj Chopra’s Record breaking case of throwing the javelin in less than 45 degree angle was discussed along with the mathematics involved.

Day3 Session involved land & water grid structure and its solutions. Also introduced the concept of software tool called as Geogebra for visualizing data. We discussed how geogebra can be used to make classroom learning more effective.

Day4 involved more detailed examples on Geogebra like circle rotating around circle and other others similar to it. Working of Arduino was demonstrated and practiced as hands-on. Hands on training was provided in the use of Arduino in making circuits of letters on led display panels. Probability of getting PI value using Match Stick game was shown. The idea was to explore concepts of probability and random events.

Day5 involved concept of Vibrations and Oscillation. A live demo of designs of Sand on various vibrations were shown. An Online tone generator app was demonstrated. Noise cancelation was shown on it. Water changing shapes experiment was shown. It followed by String art practical session. Some faculty shared their knowledge also. The session came to an end with Certificate distribution program for all participants of various Colleges in Goa.



- Mr. Rajesh Tanksali Asst. Prof in Computer Application attended 7 Days FDP programme on Experiential Learning, Creative Thinking, and Hands-on Pedagogy organized by DHE.

## **FIELD TRIP FOR FYBCA STUDENTS TO DR. MALIK FARM PERNEM-GO**



Dr. Malik farm Pernem-Goa



# STUDENT ENRICHMENT PROGRAM

## Workshop on “Unleash the Pi-Create and Innovate”



Murugan Education Society's  
**COLLEGE OF ARTS & COMMERCE**  
Zaariangar, Goa - 403726  
Accredited by NAAC with 'B' Grade; CGPA 2.68 (4th cycle)

Abhishek Chari  
Team Lead, Sierra Circuits

Department of Computer Application Organizes  
Workshop on  
**"UNLEASH THE PI-CREATE AND INNOVATE"**  
Date: 13th March 2023  
Time: 9am Onwards  
Venue: BCA Seminar Hall

Ms. Gauri Dessai  
BCA Co-ordinator

Dr. Manasvi M. Kamat  
Professor & Principal

75th Anniversary of Government of India  
GOA@60  
50th Anniversary of Government of Goa  
GOA@50  
100th Anniversary of Government of Karnataka  
KARNATAKA@100

## Workshop on Agile Project Management

Murugan Education Society's  
**COLLEGE OF ARTS & COMMERCE**  
Zaariangar, Goa - 403726  
Accredited by NAAC with 'B' Grade; CGPA 2.68 (4th cycle)

Department Of Computer Application Organizes In Association With GTA  
Workshop on  
**"AGILE PROJECT MANAGEMENT"**

Date: 16th March 2023  
Time: 9.00 am to 1.00 pm  
Venue: BBA Seminar Hall

HARSHAL TALAULIKAR  
Founder of Hyman Technology & ITA Member

- Introduction to Agile and Scrum
- Scrum Approach
- Philosophies of Scrum
- Online tools to be used for scrum process
- Q&A
- Roles in Scrum
- Scrum Process
- Scrum Pros and Cons
- Hands-on session with Students

Ms. Gauri Dessai  
BCA Co-ordinator

Mr. Rajesh D. Tanksali  
Workshop Co-ordinator

Dr. Manasvi M. Kamat  
Professor & Principal

75th Anniversary of Government of India  
GOA@60  
50th Anniversary of Government of Goa  
GOA@50  
100th Anniversary of Government of Karnataka  
KARNATAKA@100

<https://www.mescollege.org/>

### Department of Computer Application

#### Short term Certificate course (30 hours)

##### Program Schedule Tentative

Date: 5<sup>th</sup> December to 8<sup>th</sup> December 2022 (Time: 9am Onwards)

Date	Sessions	Topics	Hours
05/12/2022	I	Introduction to Scratch	1 Hour
	II	Movement and Loops Drawing Square Project	2 Hours
	III	Online lecture Videos, Practice & Assignment Quiz	4 Hours
06/12/2022	I	Conditional Actions & Keyboard Commands	1 Hour
	II	Back and Forth Project A-Mazing Project	2 Hour
07/12/2022	I	Online lecture Videos, Practice & Assignment Quiz	4 Hours
	II	Messages Tabby Tama Project	1 Hour
	III	Animation: Bitmap mode, Vector mode & Drawing Costumes Hiding man Project	2 Hour
08/12/2022	I	Online lecture Videos, Practice & Assignment Quiz, Make your project	4 Hours
	II	Variables Proud Project	1 Hour
	III	Algorithm & Program Structures Online lecture Videos, Practice & Assignment Quiz, Project Submission	2 Hour 4 Hours

Murugan Education Society's  
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Zaariangar, Goa - 403726  
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SCRATCH  
"Fun Projects with Scratch Programming"

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The ability to code computer programs is an important part of literacy in today's society. When people learn to code in Scratch, they learn important strategies for solving problems, designing projects, and communicating ideas.

Resource Person  
Mr. Rajesh D. Tanksali  
Event Co-ordinator

Ms. Gauri Dessai  
BCA Co-Ordinator

Dr. Manasvi Kamat  
Professor and Principal

75th Anniversary of Government of India  
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## **GENESIS 5.0**

The Department of Bachelor of Computer Application (BCA) of Murgaon Education Society's College of Arts and Commerce, Zuarinagar, Goa organised an intercollegiate event "GENESIS 5.0" on 31<sup>st</sup> March 2023. Ms. Sneha Dessai the founder of ITAppzGlobal Technologies LLP was the Chief Guest for the event.

The event "GENESIS" symbolizes the "Rise of the Next Generation" harbingers the students' intellect and their quest to nurture their knowledge and skills.

"GENESIS 5.0" comprised of 15 various "on-stage" and "off-stage" competitions:

<b>Cultural Event</b>	<b>Technical Event</b>	<b>Gaming</b>
Mr. & Ms. Genesis	Blind Coding	CS:GO
Fashion Flix	Code Hunt	FIFA
Group Dance	Cinematic Creation	NFS
War of Words	Meme Making	
Third Degree		
Photography		
Surprise Event		
Tug of War		

Following colleges participated in GENESIS 5.0

<b>Sr. No</b>	<b>Name of the College</b>
1	Shree Damodar College of Commerce and Economics
2	Rosary College of Commerce & Arts, Navelim
3	GVM's Gopal Govind Poy Raiturcar College of Commerce & Economics, Ponda
4	Parvatibai Chowgules College of Arts & Science, Margao
5	Saraswat Vidyalaya's Sridora Caculo College of Commerce & Management Studies, Mapusa
6	Fr. Agnel College of Arts & Commerce, Pilar
7	Don Bosco College, Panjim
8	Dhempe College of Arts & Science, Panjim

Prof. Dr. Sancheliana Faria welcomed the chief guest & participants from the eight colleges of Goa. The inaugural ceremony began with dignitaries lighting the lamp. Ms. Gauri Dessai, BCA Co-ordinator, introduced the eminent Chief guest. Students were inspired by the chief guest's address. The faculty event coordinator, Ms. Vaishnavi Mishal, gave the vote of thanx, which was then followed by a cake-cutting ceremony.

With all the enthusiasm and friendly competition, the final Winner for Genesis 5.0 was Rosary College of Commerce & Arts, Navelim. The Runners Up trophy was lifted by Parvatibai Chowgule College of Arts and Science, Margao.

The wonderful gathering of youth and passionate fighting spirit made Genesis 5.0 a grand success, all thanks to the united efforts of students and faculty of BCA department. Thank you especially to all of our fantastic sponsors, without whom the event would not have been so grand.

## Intercollegiate event of BCA Genesis 5.0



M.E.S. COLLEGE OF ARTS AND COMMERCE  
Zuari Nagar, Goa-403726  
Accredited by NAAC with 'B+' Grade

# GENESIS 5.0

THE RISE OF NEXT GENERATION

Department of Computer Application Cordially Invite Teaching and Non-Teaching Staff for the Inaugural function of Genesis 5.0 at 8:45am

**MS. SNEHA DESAI**  
FOUNDER/DIRECTOR  
ITAPPZGLOBAL TECHNOLOGIES LLP

Venue: BCA Seminar Hall  
Date: 31st March 2023

MS. VAISHNAVI MISHAL - EVENT CO-ORDINATOR  
MS. GAURI DESAI - BCA CO-ORDINATOR  
DR. MANASVI KAMAT - PRINCIPAL

OUR SPONSORS




## Workshop on Mastering Selenium



Margoon Education Society's  
**COLLEGE OF ARTS & COMMERCE**  
Zuari Nagar, Goa-403726  
Accredited by NAAC with 'B+' Grade: COPA 2.68 (4th cycle)

**Basit Khan**  
Senior Automation Tester,  
Open Destinations

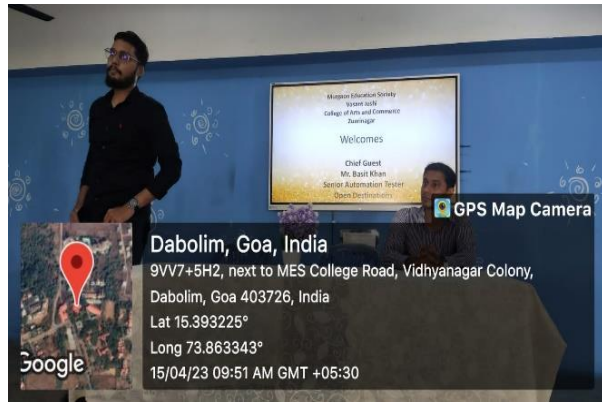
Department of Computer Application Organizes  
Workshop on  
**Mastering Selenium**  
A Hands-On Workshop for Web Testing and Automation

Date: 15th April 2023,  
Time: 9 am Onwards  
Venue: BCA Seminar Hall

Mr. Mahadev Parsekar - Workshop Co-ordinator  
Ms. Gauri Desai - BCA Co-ordinator  
Dr. Manasvi Kamat - Professor & Principal










## Workshop on Computer Hardware & Networking

A workshop was conducted on Computer Hardware and Networking for SYBCA students on 17<sup>th</sup> April 2023 in BCA Seminar Hall. The resource person was Mr. Glen Fernandes. An entrepreneur in Computer Hardware and Networking Engineer. He gave students hands-on practical knowledge and taught them to build a system and connection. He even taught him how to build a LAN Cable with wire and RJ45 connectors.




**M.E.S. VASANT JOSHI**  
**COLLEGE OF ARTS & COMMERCE**  
 Zuarinagar, Goa-403726  
 Accredited by NAAC with 'B' Grade - CGPA 2.68 (4th cycle)



**Department Of Computer Application Organizes Workshop on "COMPUTER HARDWARE AND NETWORKING"**

**Date:- 17th April 2023**  
**Time:- 9am Onwards**  
**Venue:- BCA Seminar Hall**







**Glen Fernandes**

**Objectives:** To impart the skills needed to assemble a pc, pc troubleshooting, installation of system/application software.

Sr. No.	Topics
1.	Introduction of hardware and software/components of computer.
2.	Mother boards, Chipsets & Microprocessor coverage & latest available in market. Risks & types of floppy drive/HDD/SSD/BAM /SMP/S / JBOD etc.
3.	Handling & Handling computer equipments, handling Motherboards, Choosing Cabinet & Cooling considerations, Installing CPU.
4.	Assembling of different parts of computers.
5.	Knowing parts, wires attached in the pc. Knowing SATA Slots, IDE Slots.
6.	CMOS Setting BIOS configuration.
7.	Installation of OS (Linux/Windows) and application/utility software, Handling Viruses.
8.	Networking Basics: Different Wires, Hubs, Connectors, Punching/Crimping Tools, Switches, IP Network.
9.	Creation of Cross Wires and Direct Cables.
10.	IP & setting up a computer on LAN.

Mr. Geet Dessel  
BCA Coordinator
Mr. Johann Rodrigues  
Workshop Co-ordinator
Dr. Manoj M. Kamat  
Professor & Principal





## Workshop on Data Warehousing and Business Intelligence

On 20<sup>th</sup> March 2023, A workshop on Data Warehousing and Business Intelligence was conducted for the SYBCA students. The speaker was Ms. Mukta Kelkar, Lead Data Engineer and Product Manager at Raisin GmbH Berlin, Germany

In a two hour talk she introduced the great significance of Data and its evolution over the years. Sharing a case study on Swiggy, she introduced how data mining can upscale business intelligence.

Using practical online tool called Tableau she explained how queries are written to get information in Business scenarios.

She interacted well with the students and helped them showcase how her job as data engineer actually looks like. She guided them on their career paths in view of using data mining as their lead skill set. The session ended with Q and A and students' feedback which was quite positive and they felt a renewed sense of working deeply in their subject of DMBI



