



DEMPO CHARITIES TRUST
Dhempe College of Arts and Science,
Miramar-Panaji- Goa

SKILL DEVELOPMENT COURSES CELL

Academic Year 2023-2024

As the College is affiliated with Goa University, it follows the curriculum prescribed by it in its BA, BSc and MSc programmes. Nevertheless, the need for Skill Development Courses in certain nodal areas have been observed through the mentoring programme as well as the feedback mechanism of the college. Hence, over the years several initiatives have been taken by the college to promote skill development courses that would train students in various fields. In this academic year 12 Skill Development Courses were conducted for the benefit of the students of our college. These courses align with the spirit of NEP by promoting experiential learning

Sr. No.	Course Name	Department	No. of Students
1	Basics in Python Programming (S.Y.B.Sc)	Computer Science	11
2	Basics in Python Programming (F.Y.B.Sc)	Computer Science	20
3	Introduction to Translation	English	9 (Students) 11 (Outsider)
4	Latex : The Mathematical Typesetting	Mathematics	10
5	Basic Statistics and Introductory Econometrics	Economics	21
6	Determination of Physico Chemical and Microbiological Parameters in Drinking Water	Chemistry	18
7	Apada Mitra/Apada Sakhi	Botany	17
8	Digital Marketing	Political Science	7

9	Intertwining Ethics and Religion: Sacred Groves of Goa	Philosophy	26
10	Spoken Tutorials by IIT Bombay	Computer Science	46
11	Fungi as food, bio fertilisers and biocontrol agents	Botany	14
12	Devanagari Typing in Mangal Font	Indian Languages	15

Department of Computer Science

Department of Computer Science

Value Addition Course

Academic year : 2023-24

Report

"Basics of Python Programming"

The Department of Computer Science organized course on "Basics in Python Programming" from the 9th September 2023 to the 07th April 2024. The resource person for the course was Mrs. Prayadashani Divakar. 11 students attended the course.

The course objective is to introduce programming concepts using python. This is an easy language to learn and used for development of various applications. The topics covered are Basics of Python interpreter, operators, structures, functions, Data types, files and exceptions.

No. of participants: 11

Fees: Rs.1000/-

Resource Person: Mrs. Prayadashani Divakar

Co-ordinator: Mrs. Anis Rajan

Duration: (Dates) From 09/09/2023 to 07/04/2024 (40 contact hours)

Anis Rajan
 Co-ordinator
 Department of Computer Science

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25	Philosophy	Interpreting Hinduism and Religion: Sacred Groves
46	Computer Science	Spoken Tutorials by IIT
14	Botany	Fungi as food bio-fertilizers and bio-pesticides
12	Indian Languages	Devanagari



**DCT's
Dhempe College of Arts and Science
Miramar-Goa
Department of Computer Science**

Value Addition Course
Academic year : 2023-24

**Report
"Basics of Python Programming"**

The Department of Computer Science organized course on "Basics in Python Programming" from the 9th September 2023 to the 6th April 2024. The resource person for the course was Mrs. Priyadarshani Divkar. 11 students attended the course.

The course objective is to introduce programming concepts using python. This is an easy language to learn and used for development of various applications.

The topics covered are Basics of Python interpreters, operators, structures, functions, Data types, files and exceptions.

- No. of participants: 11
- Fees: Rs.1000/-
- Resource Person: Mrs. Priyadarshani Divkar
- Co-ordinator: Mrs. Annie Rajan
- Duration: (Dates) From 9/9/2023 to 6/4/2024 (40 contact hours)

Annie Rajan
HOD
Department of Computer Science



**DCT's
Dhempe College of Arts and Science
Miramar-Goa**

Department of Computer Science

Skill Development Course

Academic year : 2023-24

Report

"Basics of Python Programming"

The Department of Computer Science organized course on "Basics in Python Programming" from the 14th September 2023 to the 6th April 2024. The resource person for the course was Mrs. Priyadarshani Divkar. 20 F.Y.B.Sc Biotechnology students attended the course.

The course objective is to introduce programming concepts using python. This is an easy language to learn and used for development of various applications.

The topics covered are Basics of Python interpreters, operators, structures, functions, Data types, files and exceptions.

No. of students: 20

Fees: Rs.1000/-

Resource Person: Mrs. Priyadarshani Divkar

Co-ordinator: Mrs. Annie Rajan

Duration: (Dates) From 14/9/2023 to 6/4/2024 (40 contact hours)

Annie Rajan

ROD

Department of Computer Science

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DCT's Dhempe College of Arts and Science, Miramar, Panaji

Department of English

Skill Development Course in Introduction to Translation

Report

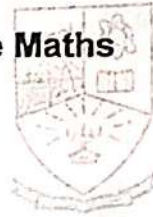
The Department of English in association with the Digital Language Laboratory and Skill Development Centre offered a 30-hour Skill Development Course on Introduction to Translation from August 28, 2023 to May 15, 2024 during the academic year 2023-2024. The Course was held in hybrid mode (online and offline). 20 students enrolled for this course and 10 students successfully completed the course.

The resource persons and the major topics covered under this course were:

Sr. No	Topic	Resource Person
1	Global Significance of Translation	Prof. Kiran Budkuley, Retd. Professor and Former Dean, SGSLL, Goa University
2	Strategies of Translation	Dr. Aditi Budkuley, Consultant (National AYUSH Mission) AYUSH Cell, Directorate of Health Services, Goa
3	Translation of Official and Professional Documents	Ms. Sneha Sabnis, Junior Translator, Directorate of Official Language, Panaji - Goa
4	Major Project Evaluation and Feedback Sessions	Mr. Govind Mopkar, Assistant Professor, Department of Konkani, HPSM's Ganpat Parsekar College of Education, Harmal-Goa
5	An Overview of Translation Studies; Function and Purpose in Contemporary Times	Dr. Akshata Bhat, Assistant Professor Department of English, DCT's Dhempe College of Arts and Science, Miramar, Goa
6	Academic Writing and Translation	Ms. Taru Saldanha, Doctoral Researcher Dept. of Humanities and Social Sciences IIT Bombay
7	Introduction; Translation of a three text types from English; Translation of News item; Movie Review	Dr. Palli Pandit, Assistant Professor Department of English, DCT's Dhempe College of Arts and Science, Miramar, Goa

sd/-
Dr. Palli Pandit
Course Coordinator

Report of the value added course in 'LATEX' by the Maths Dept. for the Academic Year 2023-24



Course Title: Mathematical Typesetting LaTeX


Department: Mathematics

- The Department of Mathematics conducted a Skill development course titled 'Mathematical Typesetting- Latex' for the TYBSc (Mathematics) students of the college from 5/12/2023 to 31/3/2024. The resource persons for the course was the faculty of Mathematics Department of the College Mr. Vitendra Mhatonkar. The course was of 30 hours duration and was attended by 13 TYBSc. Mathematics students. The course was coordinated by Mr Vitendra Mhatonkar. The students were introduced the basics of how LaTeX works, how to install Latex and Tex editor TeXstudio, they were explained how to get started, and go through lots of examples. This course will be helpful for students, manuscripts, maths papers in LaTeX. The students are now able to successfully install LaTeX and its related components on a home/personal computer, use LaTeX and various templates acquired from the course to compose Mathematical documents and reports.
- The students successfully typed their TYBSC Projects in Latex.



Glimpse of the students learning Latex in Maths lab

Sl. No.	Date	Topic
1	05/12/2023	Introduction to LaTeX
2	12/12/2023	Installing LaTeX and TeXstudio
3	19/12/2023	Creating a document with LaTeX
4	26/12/2023	Using templates and packages
5	02/01/2024	Formatting mathematical symbols
6	09/01/2024	Creating tables and figures
7	16/01/2024	Using BibTeX for references
8	23/01/2024	Advanced LaTeX features
9	30/01/2024	Project presentations


 (Co-ordinator)
 In-charge
 Dept. of Maths

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Dr. Shilpa Soman
Course Co-ordinator



DCT's
Dhempe College of Arts and Science
Miramar, Panaji - Goa
Re-accredited with 'A' Grade by NAAC; College with potential for excellence
ISO 9000:2015 certified, Green Certification Level III

Report on Skill Development Course

By the Department of Economics

Course Title: 'Basic Statistics and Introductory Econometrics'

Date of Commencement: August 25th, 2023

Date of Conclusion of the Course: October 25th, 2023

Month of Final Assessment: January, 2024

Name of the College: DCT's Dhempe College of Arts & Science, Miramar, Panaji – Goa

Course Co-ordinator: Dr Shilpa Samant

Number of enrolled students: 21

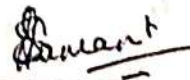
The Department of Economics conducted a skill development course titled 'Basic Statistics and Introductory Econometrics', for the duration of 30 hours, in the language lab of the college from August 25th, 2023 to October 25th, 2023. The lectures for the same were held from 10am to 12 pm on Fridays and Saturdays.

Total of 21 students registered for the course from FYBA, SYBA, and TYBA; of which 1 student dropped out from the course midway. An amount of INR 1000/- was charged per student. The topics covered were basics of statistics, introduction to econometrics, introductions to R and Rstudio, Introduction regression modelling, etc.

The students were expected to present a regression model of their choice and explain the variables as a part of the assessment for the course in the month of January, 2024. 20 students fulfilled this criterion.

Lesson Plan for the course was as follows:

Lr. no	Topic	Dates	No. of Lectures	Timings
1	Statistics Introduction	25/08/2023	1	10am – 12pm
2	Sample and Population differentiation, Variables (Types), Inferential and descriptive statistics	25/08/2023	1	10am – 12pm


Dr Shilpa Samant
Course Co-ordinator



3	Central Tendency, Dispersion	26/08/2023 – 01/09/2023	3	10am – 12pm
4	Correlation	01/09/2023 – 02/09/2023	2	10am – 12pm
5	Descriptive and Inferential statistics with Spreadsheet: Hypothesis testing, Testing of Hypothesis: Null and Alternate, Type I and Type II errors, level of Significance, T-test, F-test, Chi-square	02/09/2023 – 15/09/2023	5	10am – 12pm
6	Regression Analysis: Two Variable Regression Analysis, Ordinary Least Squares method, Interpreting the results.	16/09/2023 – 29/09/2023	3	10am – 12pm
7	Introduction to R: Interface, importing data, Wooldridge database, Running OLS Models, Multiple regression analysis Interpretation with data	29/09/2023 - 25/10/2023	15	10am – 12pm

The faculty members involved in conducting the course were:

1. Mr Narayan Saeel Dinkar Naik, Assistant Professor (CB), Department of Economics
2. Ms Yogini Dharma Malvankar, Assistant Professor (LB), Department of Economics



Data analytics and coding is a growing field and a necessity in today's world. Thus, the course tries to equip the students with the required introduction to the statistics and econometrics along with basic coding using the R programming language to run simple regression. The course will open another career path to the students, providing them with the necessary skills, which the students may choose to pursue after the completion of their degree. The introduction to R programming will enable the students to explore other programming languages. Overall, the course will enhance the opportunities for the students to get a good job.

The students who have fulfilled all the criteria of the course and appeared for the assessment will be awarded with certificates.

Dr Shilpa Samant

Dr Shilpa Samant
Course Co-ordinator

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DCT's Dhempe College of Arts and Science, Miramar, Goa

Report on Limnological Assessment of Potable Water using Physico-chemical and Microbiological parameters

A 6-day skill development course on "Limnological Assessment of Potable Water using Physico-chemical and Microbiological parameters" was organized by the Department of Chemistry in collaboration with the Department Biotechnology from 23rd October to 26th October 2023 in the department of chemistry and 27th May to 29th May 2024 in the department of Biotechnology. The course was mentored by Mr. Kamlesh Korgaonkar (Biotechnology faculty) and Ms Monica Ghadi (Chemistry faculty). 18 students benefited from the course.

The quality of drinking water is paramount for ensuring public health and well-being. Microbiological parameters serve as crucial indicators of water quality, particularly in assessing its potability. In this skill development course, participants gained hands-on experience in evaluating drinking-water quality using microbiological techniques. The samples analyzed included well water, tap water, and filtered water.

The objective of this course was to equip participants with the necessary skills and knowledge to assess the physico-chemical and microbiological quality of drinking water through practical laboratory exercises. The beneficiaries gained theoretical knowledge on sampling of water samples for bacteriological analysis, WHO/ CPCB standards of drinking water quality, general water quality biological indicators and effects of contaminated water on human health. Students also learned practical microbiological techniques- preparation of nutrient media, proper handling of petri dishes, pipettes, different streaking methods and gram staining. Most Probable Number (MPN) technique was used to check the potability of water and students also gained insights on how to analyse and look for coliforms and faecal coliforms on media plate. Participants interpreted the microbial counts obtained from the samples to assess water quality and determine its potability. The students carried out various Physico-chemical parameters in the chemistry lab and got hands on experience with various instrumentation.

The hands-on experience gained in this course provided participants with valuable skills in assessing drinking water quality using microbiological parameters. Proper application of microbiological techniques is essential for ensuring the safety and potability of drinking water. Continued monitoring and assessment are necessary to safeguard public health against waterborne diseases.

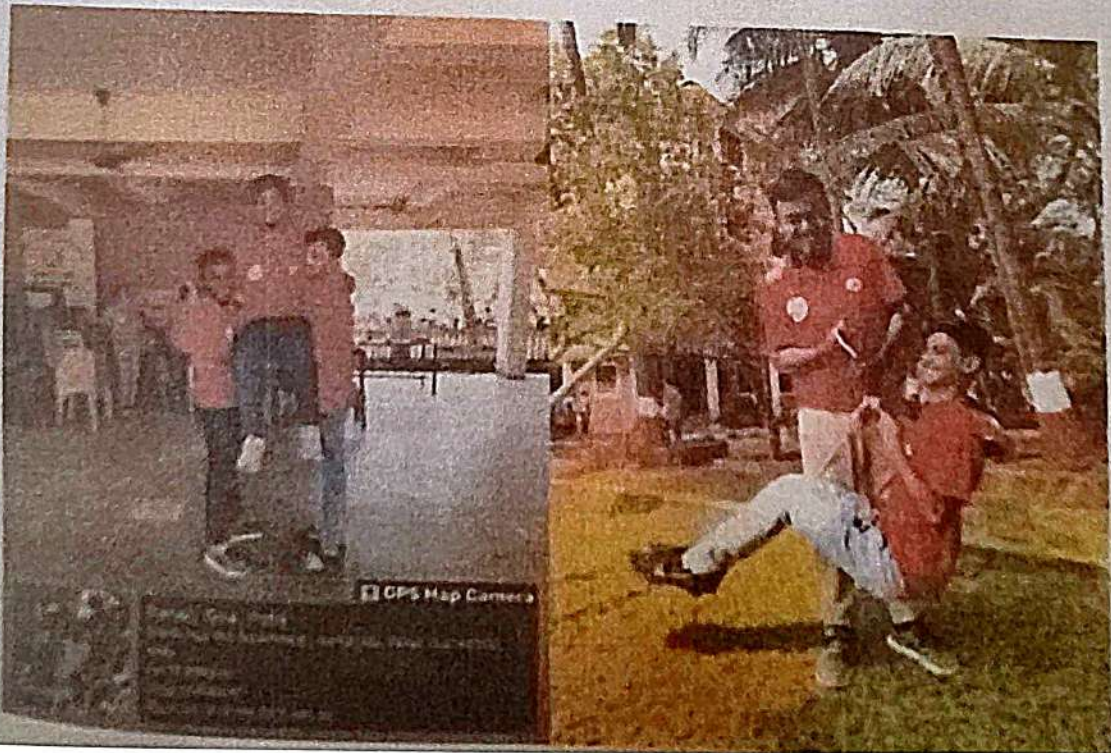
Dr. Shilpa Suman
Course Coordinator



**DCT's
Dhempe College of Arts and Science Miramar Goa
NSS Report**

1. **Title:** Apada Mitra/Sakhi (Community volunteers in disaster response)
2. **Date:** 17th to 31st October 2023
3. **Name of the college:** DCT's Dhempe College of Arts and Science, Miramar, Panaji Goa
4. **NSS Program officer:** Dr Shilpa Bhonsle, Dr Palia Pandit, Dr Raghav Gadgil
5. **Number of participants:** 17(4F/11M)

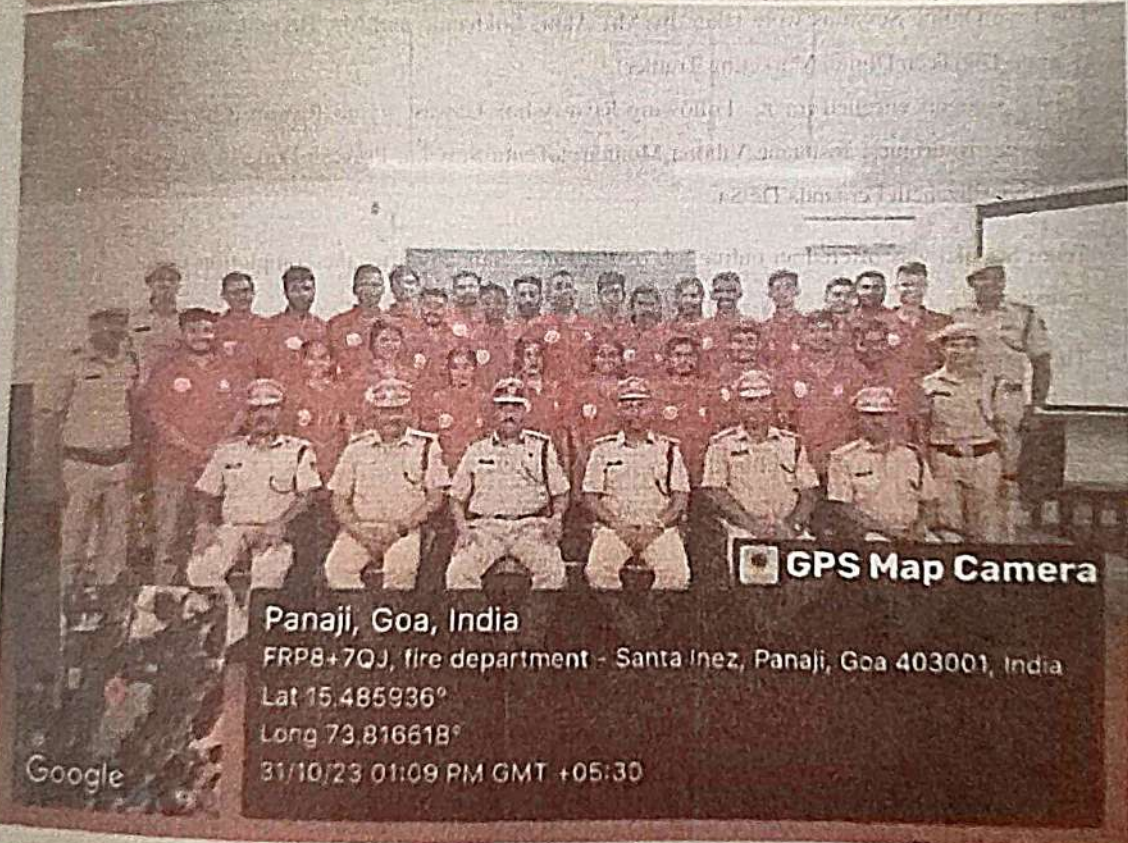
The NSS volunteers of Dhempe College of Arts and Science, Miramar, Goa, underwent training for Apada Mitra/Sakhi (Community volunteers in disaster response) from 17th to 31st October 2023, organised by Directorate of Fire Services, at St Inez, Panjim. The entire training period for the students was enlightening and highly motivational. The students were trained in basic fire safety and the operation of fire extinguishers, and performed chemical leakage drills with hands-on experience in wearing Personal Protective Equipment (PPE) kits. Along with this, performing CPR was also taught, supplemented with lessons on loading a casualty onto a stretcher. In addition, a variety of knot-tying was also taught. This training also included a flood rescue session at Siridao beach, where a raft-building exercise was carried out. Overall, the course was outstanding.



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GPS Map Camera
 Panaji, Goa, India
 FRP8+7QJ, fire department - Santa Inez, Panaji, Goa 403001, India
 Lat 15.485936°
 Long 73.816618°
 31/10/23 11:55 AM GMT +05:30



GPS Map Camera
 Panaji, Goa, India
 FRP8+7QJ, fire department - Santa Inez, Panaji, Goa 403001, India
 Lat 15.485936°
 Long 73.816618°
 31/10/23 01:09 PM GMT +05:30

Shilpa

Dr Shilpa Bhonsle
 NSS Program Officer
 NSS, IN-CHARGE PROGRAMME OFFICER
 I.C.T.E. Dempo College of Arts & Science,
 Miramar, Panaji - Goa.

Dr. Vrinda Borker

(Dr. Vrinda Borker)
 Principal
 Principal
 Dempo Charities Trust &
 Dempo College of Arts & Science
 Panaji-Goa

Shilpa

**Dempo Charities Trust
DHEMPE COLLEGE OF ARTS & SCIENCE
Miramar, Panaji-Goa**

**Skill Development Course
Digital Marketing
2023-2024**

The course was floated by the department of Political Science. The idea was conceived and coordinated by Dr. Karuna Singh, Incharge. The course began on 25.09.2023 and ended on 7.01.2024 (November- No classes due to exams). The course timings were from 7:00 pm onwards. Students came to college to practice and help each other.

The Live Online Sessions were taken by Mr. Akhil Lokhande and Mr. Bhomik Agarwal, (Parmar DigiTech Digital Marketing Trainer).

Total 7 students enrolled for it. Following Riya Ashok Gawas; Vyaas Rowan Rodrigues; Zellweger Rodrigues; Joshuane Vihona Monteiro; Tentu Sravika; Pravesh Prakash Balekar and Riya Elizabeth Fernanda De Sa.

Tentu Sravika was offered an online job by the same company after the completion of the course.

The course objective was to:

1. To introduce the students to digital marketing.
2. To learn to use social media in a responsible way.
3. To upgrade the participants in digital skills.

The course covered following topics a. Introduction to digital marketing, Blog marketing, Website development with CMS, Introductions to SEO/Market trends, On page optimization, Hours Off page optimization Google analytics, Search console, Reputation management, Landing page techniques, Search advertising, Search ads campaign plans, Google ad word, Google AdSense/affiliate, YouTube, Social media optimization, Facebook /Instagram/WA Business.



**Dr. Karuna Singh
Course Coordinator**



COURSE INFORMATION

Number of Seats available: 50 students
 Eligibility: XII passed
 Total Course Hours: 30 hours
 Course Duration: months (10th September 2023 to 31st January 2024)
 (No classes in November due to exams)
 Course Fee: Rs. 1000/- per student

REGISTER ONLINE

FEE PAYMENT DETAILS

Account Number: 0641000001740
 IFSC Code: PSIB 0000448
 Account Holder Name:
 Dhempe College of Arts and Science

PRE-REQUISITES

Computer/Laptop with Wi-Fi connection

COURSE OBJECTIVES

- To introduce students to digital marketing
- To inculcate responsible social media use
- To upgrade the participants' competency in digital skills

PEDAGOGY

Online mode and practice classes

POINTS TO REMEMBER

To receive course completion certificates, students must attend 75% of all classes & fill the feedback forms every day



**DCT'S
DHEMPE COLLEGE OF
ARTS & SCIENCE
MIRAMAR, PANAJI-GOIA**

**DEPARTMENT OF
POLITICAL SCIENCE**
conducts a

Skill Development Certificate Course in

**DIGITAL
MARKETING**

RESOURCE PERSON: MR. ARHIL LOKHANDE
(PARMAR DIGITECH, DIGITAL MARKETING TRAINER)



FACULTY COORDINATOR:
DR. KARUNA SINGH,
IN-CHARGE, DEPT. OF POLITICAL SCIENCE

COURSE CONTENT

- Introduction to Digital Marketing - 1 Hour
- Blog Marketing - 1 Hour
- Website Development with CMS - 2.5 Hours
- Introduction to SEO/Market Trends - 2 Hours
- On Page Optimization - 3 Hours
- Hours Off Page Optimization - 1 Hour
- Google Analytics - 1 Hour
- Search Console - 1 Hour
- Reputation Management - 2 Hours
- Landing Page Techniques - 1 Hour
- Search Advertising - 2 Hours
- Search Ads Campaign Plans - 1 Hour
- Google Ad Word - 2.5 Hours
- Google AdSense/Affiliate - 1 Hour
- YouTube - 2 Hours
- Social Media Optimizations - 2 Hours
- Facebook/Instagram/WA Business - 2 Hours
- Twitter - 1 Hour
- LinkedIn - 1 Hour
- Career after Course - 1 Hour

COURSE OUTCOME

- Quick access to Cutting-Edge learning content covering all fields of Internet marketing
- Perfect your knowledge and understanding of SEO/SEM processes by utilizing theory and practical knowledge
- SEO fundamentals and Key Concepts
- Optimising engagement objects
- Increasing click through rate and engagement
- SEO and Social Media
- Ranking Reports
- Page Analysis
- Website Anatomy
- Measuring success and other key SEO KPI's

Brochure



Tentu Sraviku, Riya Gawas and Joshuane part of Digital Marketing

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1. **Report of Skill Development Course on 'Intertwining Ethics and Religion: Sacred Groves of Goa' - academic year 2023-2024.**

The Department of Philosophy successfully completed a skill development course titled 'Intertwining Ethics and Religion: Sacred Groves of Goa'. The course was of 30 hours, the course was conducted from 3rd to 15th October. A total of 26 students participated and successfully completed the certificate course. Ms Sendra Pereira is the coordinator of the Course.

Shri Rajendra Kerkar (Environmentalist), Prajal Sakhardande (HoD History), Akash Sadanand Naik Salgaonkar (Assistant Professor in Philosophy) and Ms Amreen Shaikh (Alumni and Head of Experiences at Make it Happen) were the resource persons for the Course. The students got an opportunity to attend the talk by Shri Rajendra Kerkar on 'Sacred Groves of Goa' organized by the Department of Botany on 21st October, 2023. The course focused on topics such as importance of *sacred groves* of Goa, Celebrations and ritual practices of sacred groves, Nature worship, Protector spirits and Natural Heritage. The students were also introduced to Oral Traditions & Myths contributing towards protection of nature and Common taboos and beliefs associated with the sacred groves.

The course also included a field trip to some of the famous Sacred Groves of Goa such as Ajobachi Rai, Mharinganachi Rai, Pezali Devichi Rai, Pishya Bai chi Rai, Bramhani Maye Chi Rai, and to Goshala.





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**Dempo Charities Trust's
DHEMPE COLLEGE OF ARTS & SCIENCE
Miramar, Panaji-Goa**

**Report of Spoken Tutorial programme by IIT Bombay
2023-24**

The Spoken Tutorial Programme is designed and developed by IIT Bombay and are conducted in the College in collaboration with IIT Bombay. The College has been associated with the Spoken Tutorial Programme since 2013 and has been recognised as Two Star RESOURCE Centre for conducting Spoken Tutorial Programme.

The following Spoken Tutorial Programmes were conducted in the College in collaboration with IIT Bombay during the period 2023-24.

Sr No	Class	Software Course	Number of students	Organiser
1.	FYBSc Computer Science	Blender	15	Ms Shilpa Naik
2	SYBSc Computer Science	Blender	12	Mr Snehal Harmalkar
4	FYBSc Maths	Introduction to GeoGebra	3	Ms Rashmi Naik
5	FYBSc Chemistry	Avogadro	16	Dr. Durga Timblo
	Total		46	

Ms Shilpa Naik



**Dempo Charities Trust's
Dhempe College of Arts and Science
Panaji, Goa**

Skill development course report

Course Title: Fungi as food, biofertilizers and bio-control agents

Period: 03/01/2024 to 16/01/2024 , Time : 2.00 to 5.00 pm

Venue: Department of Botany, Dhempe College of Arts and Science, Miramar, Panaji, Goa

Course Co-ordinator: Dr. Pratibha Prabhugaonkar

Number of Beneficiaries: 13 students from FY, SY and TY.

Report:

Mycology or study of fungi is branch of science touching every sphere of life, from food, medicine, farming etc. Being to deal with micro-organisms the field requires understanding of basic skills in sterilization, media preparation, culturing of fungi and safety practices. Field of study also requires knowledge of different morphological features of fungi and use of microscopy to observe them. This course aimed to equip participants with this required knowledge so that participants can take up further work in this field. Further to demonstrate the utility of this course, techniques related to two fungal foods namely mushroom cultivation and tempeh cultivation were demonstrated to the participants. During the course we also discussed how fungi can be used as biofertilizers and bio-control agents.

Course formally started in Botany Department of Dhempe College of Arts and Science on 3rd January 2024. On 3rd January participants were welcomed for opting to the course and were given an introductory lecture on- Fascinating world of fungi.

After the lecture students performed hands on to acquire laboratory skills required for working with fungi. The first day was reserved for media preparation and sterilization skills. In this participants cleaned the glassware's required for the work, prepared media like 'malt extract agar' and sterilized it by autoclaving. Participants also prepared moist chambers for growing fungi and incubated samples collected during campus visits. Other samples which were planned to be observed during the course work were also prepared.

On 4th January 2024 students began with introduction to laminar air flow and its principle. This was followed by preparation of substrate required for the preparation of oyster and milky white mushroom spawn.

On 5th January 2024 Participants also started with mushroom cultivation by inoculating the spawn of oyster and milky white mushroom into bags. This was followed by demonstration of oyster mushroom cultivation using paddy straw as substrate wherein students understood intricacies like optimum moisture content in sterilized paddy straw, spawn handling and requirement of aseptic conditions.

On 8th January 2024 students dispensed the culture medium prepared previous day into the Petri-plates. This was followed by lecture on importance and preparation of Tempeh by Dr. Ashish Prabhugaonkar. Participants also prepared tempeh using soybean as substrate by growing the mould *Rhizopus* from starter culture.

On 9th January 2024, students used media petri-plates prepared by them to sample fungi from different habitats. To expose them to diversity and sampling methods for different habitats techniques to isolate fungi growing as endophytes, from plant litter, soil, aero-mycoflora and single spore isolation on malt extract media were demonstrated and were practiced by participants. This equipped participants with skills to work with these micro-organisms.

On 10th January 2024 participants isolated Arbuscular Mycorrhizal spores from soil sample and learnt how to multiply these AM spores in large scale.

On 11th January and 13th January 2024 participants observed the fungi growing in Petri-plates they used for sampling. Prepared slide mounts and observed different morphological structures of fungi. They further used taxonomic manuals to identify fungi isolated and to understand cultural characteristics of different groups of fungi. They also learnt methods of preparation of pure cultures and long term storage.

On 15th January 2024 Dr. Ashish Prabhugaonkar did demonstration on Mycorrhizae as biofertilizer and *Beuveria* as biocontrol agents. Students also learnt how to prepare slants for sub-culturing and storing the pure fungal cultures. This was followed by lecture on microbial laboratory techniques by Dr. Purnima Ghadi.

On the last day i.e. on 16th January 2024, participants harvested the mushrooms. They also observed more fungal cultures, prepared slides and identified some of the common fungi.

The distribution of certificates was done on 26th January 2024 from the hands of our respected principal, Prof. Vrinda Borker.





Course Outcomes : Participants were trained in basic skills required to work in mycology such as sterilization, aseptic handling, culturing of fungi, fungal morphology and were also learnt the techniques of growing mushrooms like oyster and milky white mushroom and tempeh and isolation and mass multiplication of Arbuscular mycorrhizal spores.

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Pratibha
 Dr. Pratibha Prabhugaonkar
 Course Co-ordinator



DCT's
 Dhempe College of Arts and Science
 Miramar-Panaji- Goa
 2023-2024

REPORT

Skill Development Course in Devnagari typing in Magal Font organized by Department of Indian Languages Hindi Conducted by Dr. Vaishali Naik and Mr. Akbarali Shaik from 12/02/2023 till 02/03/2024 total 30 hrs. Course conducted for 15 students from SYBA. Where Student acquired typing skill in Devnagari.



Vaishali
 (Mis Vaishali Virginkar)
 SDC Cell Convener

Prin
 (Prof. Dr. P. S. Ramu Murthy)
 Principal