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Teresian Teaching Learning Centre

Report of activities

2022-23

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1. Spoken Tutorials program by IIT Bombay for all II UG and II PG Students.

Spoken tutorial is a programme initiated by IIT Bombay. It is a multi-award-winning educational content portal offering Free and Open Source Softwares (FOSS).

The Teresian Teaching Learning Centre has collaborated with Spoken Tutorial, IIT Bombay and has initiated this programme in our college by availing their annual membership. According to the terms of this association, each student or teacher in our college can do 3 courses in a semester- 6 courses in a year without paying any fee. A student can do a maximum of 2 courses at a time. Our college can also conduct FDPs on the courses offered by spoken tutorial.

We offered the programme to the second year BSc and MSc students. **We offered three FOSS to each student last year. Training on 30 different FOSS were given**. Participants who passed the tests got certificates, others got participation certificates.

A team of teachers were involved in the programme.

The programme was initiated in the college under the leadership of NAAC Criteria II Teaching Learning and Evaluation team. The college coordinator of the programme was Dr. Saritha Chandran A, Coordinator, Teresian Teaching Learning Centre.

There were five faculty coordinators at the college for the same-

1. Dr. Soja Louis, Head, Department of Zoology
2. Dr. Jeena Ann Joseph, Coordinator, Teresian Teaching Learning Centre and Assistant Professor, Department of English and Centre for Research
3. Dr. Mary Sruthi Melbin, Assistant Professor, Department of Commerce
4. Mrs. Raji S. Pillai, Assistant Professor, Department of Computer Applications
5. Dr. Saritha Chandran A. Coordinator, Teresian Teaching Learning Centre and Assistant Professor, Department of Chemistry and Centre for Research

Each faculty coordinator had coordinated the activities of 4 or 5 departments. **The coordinators received letters of appreciation by IIT Bombay for their efforts for the year 2021-22.** Each department had a department coordinator to conduct the training and tests.

The following table lists the consolidated list of FOSS offered in the two semesters in the year 2022-23.

FOSS	No: of participants	No: of participants passed and acquired certificates
Applications of GeoGebra	149	143
Avogadro	27	17

Blender	45	14
C	23	23
CellDesigner	125	81
Drupal	8	2
ExpEYES	64	46
FrontAccounting-2.4.7	176	107
GIMP	314	55
HTML	128	76
Inkscape	293	302
Introduction to Computers	112	73
Jmol Application	19	19
Joomla	60	27
LaTeX	35	29
LibreOffice Suite Base	47	25
Linux	61	51
Moodle Test for Teachers	26	1
PHP and MySQL	43	40
Python 3.4.3	97	41
QCad	9	6
R	226	64
Scilab	105	53
Total	**2388**	**1863**

The rest of the participants acquired participation certificates.

A sample certificate is given below:

Certificate for Completion of Avogadro Training

This is to certify that **AISHWARYA NAIR** has successfully completed **Avogadro** test organized at **St. Teresa's College (Autonomous), Ernakulam** by **SOJA LOUIS** with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training.

Merin George from **St. Teresa's College (Autonomous), Ernakulam** invigilated this examination. This training is offered by the Spoken Tutorial Project, IIT Bombay.

October 6th 2022

Prof. Kannan M Moudgalya
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India

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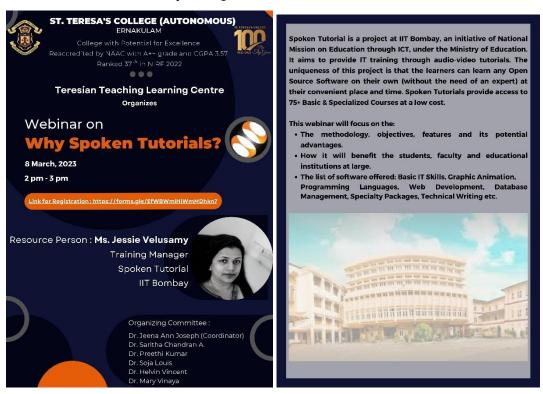
2. Webinar on "Why Spoken Tutorials?" on March 8th 2023.

The Teresian Teaching Learning Centre organized a webinar on "Why Spoken Tutorials?" on March 8th 2023. The Spoken Tutorial is a project at IIT Bombay, an initiative of National Mission on Education through ICT, under the Ministry of Education. It aims to provide IT training through audio-video tutorials. The uniqueness of this project is that the learners can learn any Open Source Software on their own (without the need of an expert) at their convenient place and time. Spoken Tutorials provide access to 75+ Basic & Specialized Courses at a low cost.

Ms. Jessie Veluswamy, Training Manager, IIT Bombay Spoken Tutorial Project was the resource person for the session. 87 participants from various universities registered for the same. The session commenced by 2pm and the resource person spoke about the methodology, objectives, features and the potential advantages of the programme. She emphasised how it will benefit the students, faculty and educational institutions at large. She also highlighted the list of software offered by Spoke Tutorials like: Basic IT Skills, Graphic Animation, Programming languages, Web development, Database management, Specialty packages, Technical Writing etc. The session came to a close by 3.15 pm after the interactive session.

3. Initiated Foundation courses for UG students in collaboration with the parent departments.

Course 1: BASICS OF FOOD AND NUTRITION (for CLINICAL NUTRITION AND DIETETICS students)

Course 2: INTRODUCTION TO LITERATURE AND MASS COMMUNICATION (for COMMUNICATIVE ENGLISH Students)
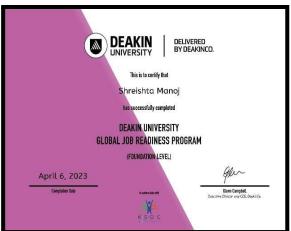
4. Global Job Readiness Program (GJRP)

297 students from 17 different departments enrolled in the 'Global Job Readiness Program' (GJRP) developed by Deakin University, Australia in partnership with India's National Skills Development Corporation (NSDC).

Deakin University, Australia has developed 'Global Job Readiness Program' (GJRP) in partnership with India's National Skills Development Corporation (NSDC). The GJRP has been designed to enhance candidate capabilities across four critical soft skills, namely communication, collaboration, problem solving, and innovation. Candidates undertook a pre-program assessment and post-program assessment task, each of which comprised of 40-60 multiple choice questions related to the four skill areas. The program was offered to second year degree students of our college. 297 students from 17 different departments enrolled in the program. The program commenced on March 6th, 2023. The duration of the course was two weeks. 75 students completed the course successfully and receive a digital badge and certificate.

The course helped to enhance candidate capabilities across four critical soft skills, namely communication, collaboration, problem solving, and innovation.

The course equipped the students for a Global Job Readiness by enhancing their soft skills.

5. TECHGEN

In an effort to promote computer literacy, a workshop was organized for 15 students to learn the basics of Microsoft Word and Excel. The workshop was conducted from April 1st to April 30th, 2023. The workshop aimed to give students a better understanding of how to work with Microsoft Word and Excel, two of the most commonly used applications in the world, and to promote computer literacy. After each session, the students were given an assignment to test their understanding of the concepts covered.

The classes on Microsoft Word were comprehensive and included topics such as formatting, inserting tables, and using different views. The sessions on Microsoft Excel taught students different operations, charts, and how to use the vlookup function.

Throughout the classes, the mentors kept a close eye on the progress of each student. They regularly tested the students' understanding of the concepts covered and provided clear explanations to clear any doubts.

Overall, the students gained valuable knowledge about the basic features and functions of Microsoft Word and Excel. They provided excellent feedback that the workshop helped them to develop essential computer literacy skills and work more efficiently. It was a remarkable initiative that ensured the cultivation of necessary skills for the students' career.