



# **St. Joseph's College (Autonomous) Devagiri, Calicut, Kerala**



# BEST PRACTICE – 2

## DSH-DEVAGIRI SKILL DEVELOPMENT HUB





## CONTENTS

- **Plant propagation and Terrace Farming**
- **Fish Farming (Pisciculture)**
- **Ornamental Fish Farming and Aquarium Setting**
- **Beekeeping (Apiculture)**
- **Assistant Yoga Instructor Course**
- **Welding**
- **Statistical Data Analysis for Biological Science (SPSS)**



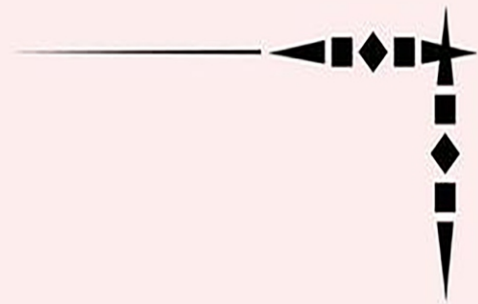

## OBJECTIVES

- i. Equip students with practical skills and knowledge in specialized fields to increase their employability
- ii. Foster entrepreneurial thinking and skills by providing students with hands-on experience and knowledge in setting up and managing small-scale businesses related to fish farming, ornamental fish cultivation, terrace gardening
- iii. Close the gap between academic knowledge and industry needs by offering vocational courses that are directly aligned with market demands and industry standards.
- iv. Educate students on sustainable and eco-friendly practices in agriculture and aquaculture, promoting environmental stewardship and the responsible use of resources.
- v. Contribute to the local economy and community development by training students in vocations that can enhance local food security, biodiversity, and job creation.
- vi. Support the personal development of students by broadening their skill sets and interests, encouraging lifelong learning, and promoting a sense of accomplishment through the mastery of new competencies.



## DSH

- The "One Year, One Certificate" initiative mandates that every student complete at least one add-on or certificate course annually.
- As directed by the Academic Council, Boards of Studies collaborated with external experts to draft syllabi for vocational and skill-based courses with at least 30 hours of instruction.
- By 2022, 79 vocational/skill-based certificate courses were approved and implemented by the Academic Council, with departments overseeing their operation.
- A dedicated office space was established for the Devagiri Skill Development Hub, with an overall coordinator and supporting staff appointed.
- The college procured necessary equipment, facilities, and supplies through the RUSA scheme and management funds to start these programs.
- Resources acquired include a large fishpond (400,000 liters), a well-equipped Gas Tungsten Arc Welding Lab, 10 aquariums, 6 Ornamental Fish Hatcheries, 30 apiaries, and a micro nursery cum laboratory. Computer labs were equipped with licenses for MS Office, SPSS, Tally Prime, and E-Views for various skill courses.
- Resource persons were identified from both within and outside the campus to facilitate the courses.
- The principal issued a notification, distributed brochures, and opened applications to all students regardless of department.
- The general coordinator of the DSDH hands over the Tabulation Report to the Controller of Examinations, who then issues certificates to students who achieved the required scores
- College working hours were adjusted to get more time to conduct sessions for these courses in the afternoon.
- Key vocational courses include Plant Propagation and Terrace Farming, Fish Farming, Ornamental Fish Farming & Aquarium Setting, Beekeeping, Assistant Yoga Instructor, Gas Tungsten Arc Welding, Botanical Illustration and Photography, Indoor Gardening, Mushroom Cultivation, and Tissue Culture Techniques.
- Implementing a system similar to the 'Devagiri Skill Development Hub' is critical in arts and science colleges to align with NEP and the employment market.
- Offering a diverse array of skill courses is vital to cater to the varied aptitudes and specialization requirements of students.
- External expertise for syllabi design and practical training is sourced through collaborations with other institutions and industries.
- A full-time coordinator and staff are required manage course notifications, selections, fee collections, attendance, course conduct, evaluations, certificate issuance and distribution, and report preparations.



# PLANT PROPAGATION AND TERRACE FARMING











# FISH FARMING





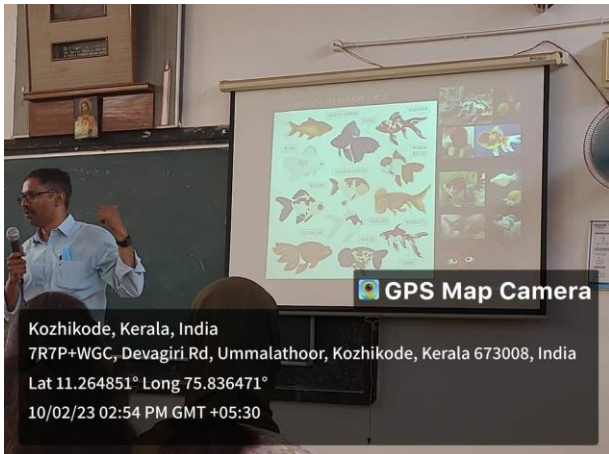




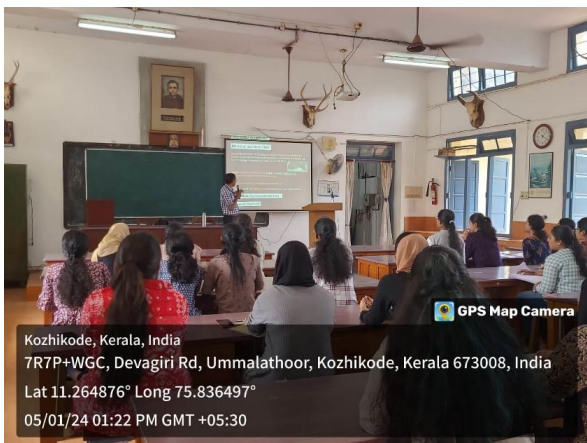
# ORNAMENTAL FISH FARMING AND AQUARIUM SETTING



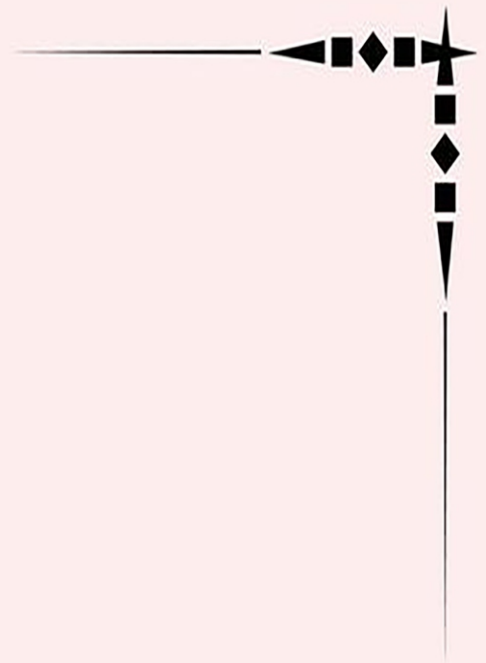
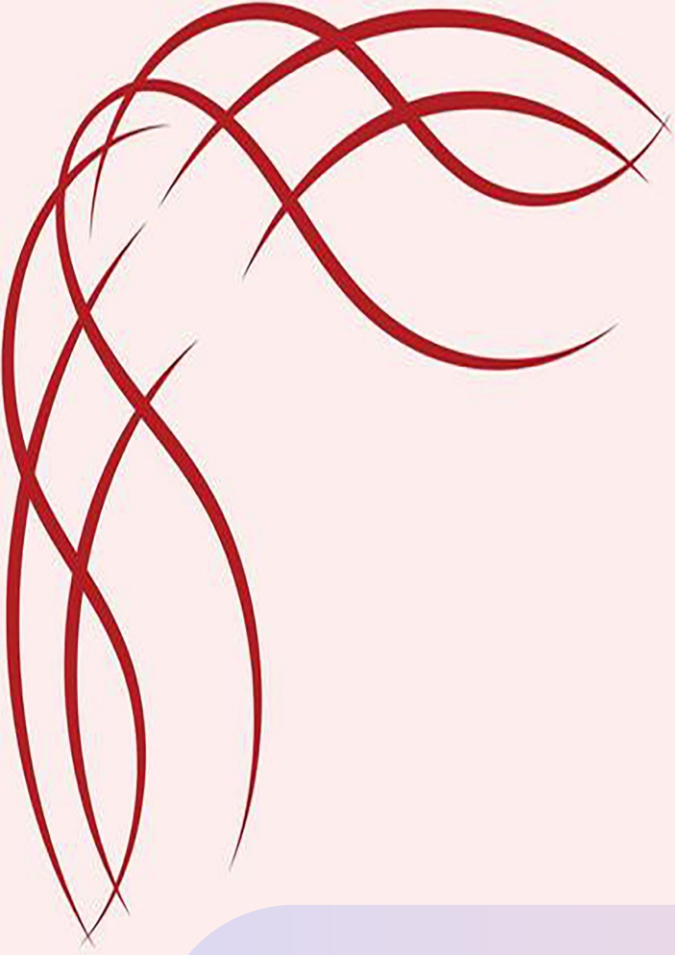




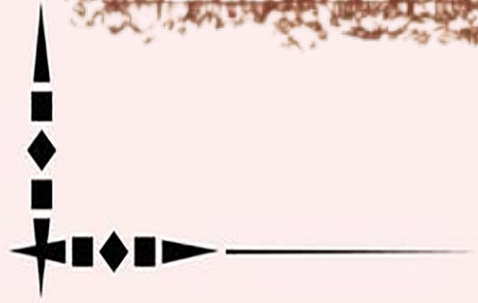








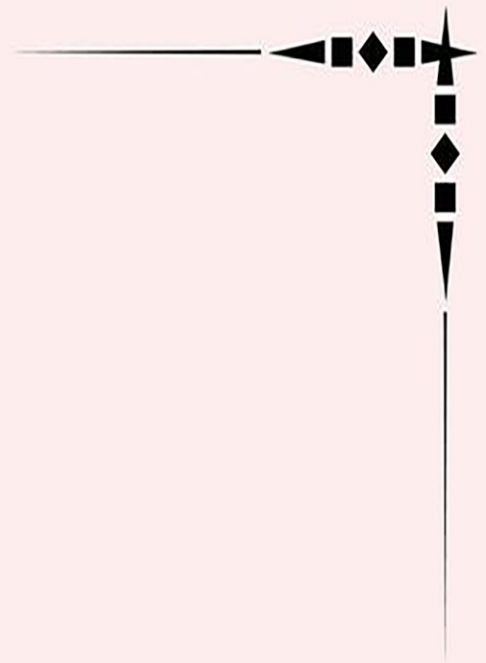
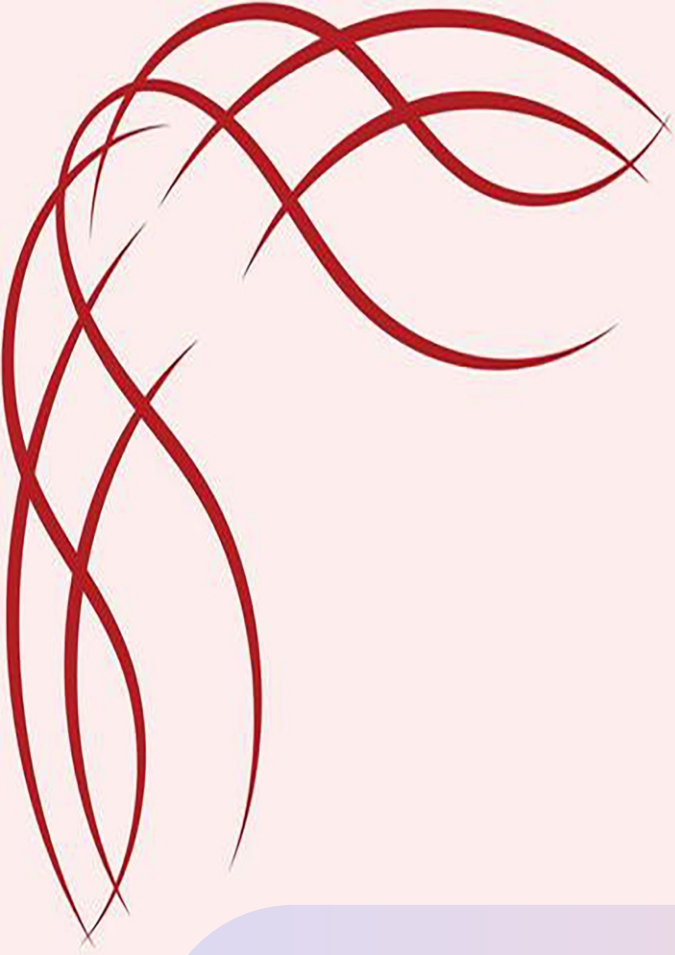
# APICULTURE



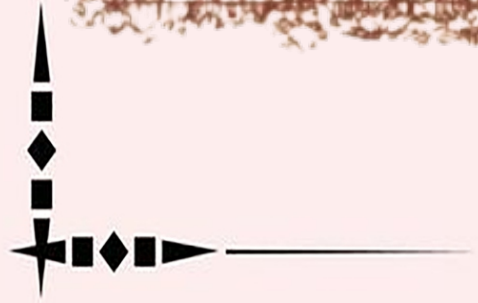








# ASSISTANT YOGA INSTRUCTOR COURSE





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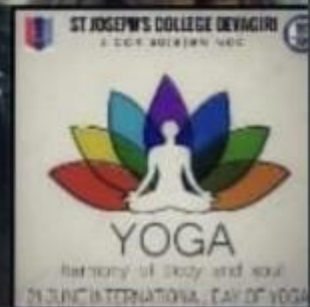
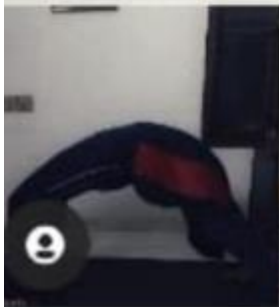
# ST JOSEPH'S COLLEGE DEVAGIRI

— 2COY —  
**30(K)BN**  
— NCC —

INTERNATIONAL DAY OF YOGA

**JUNE 21, 2021**

**YOGA  
FROM  
HOME**

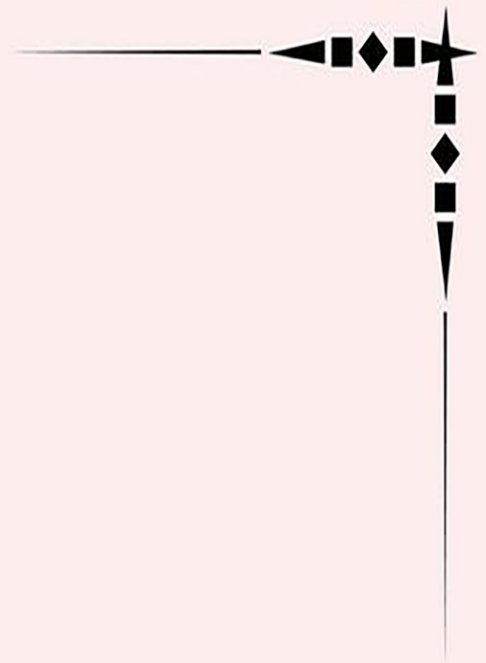
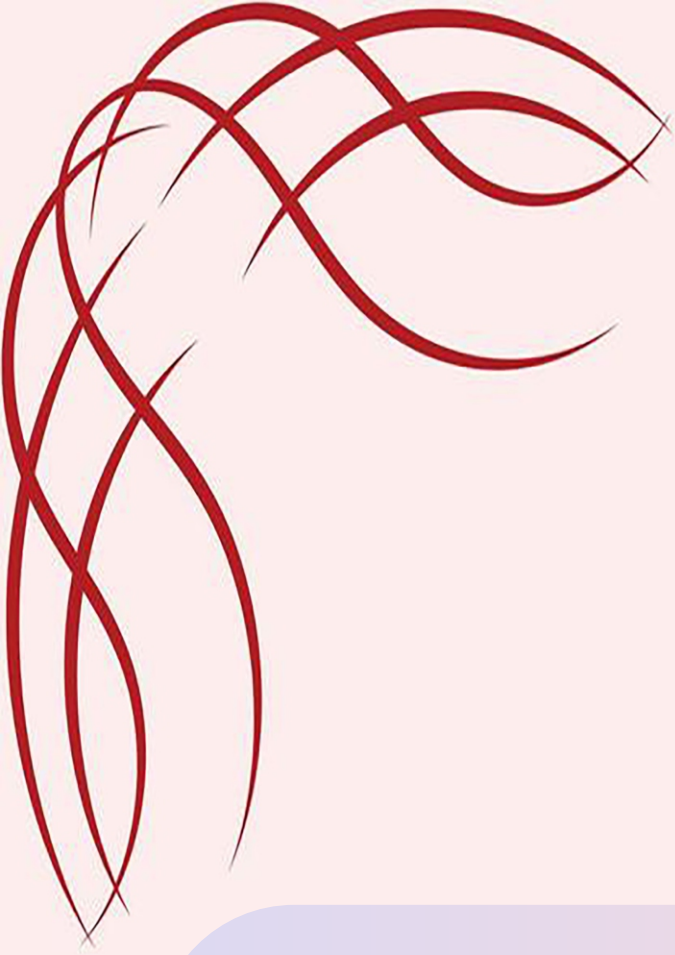




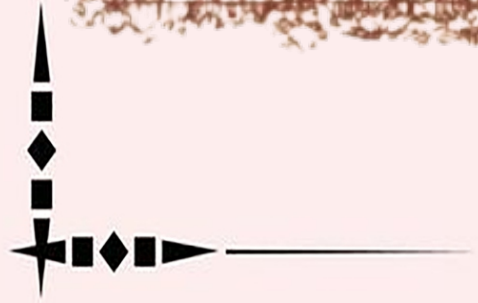
**ST. JOSEPH'S COLLEGE, DEVAGIRI**  
**YOGA TRAINING FOR NSS VOLUNTEERS**

**File No:**  
**Date: 20-6-19**





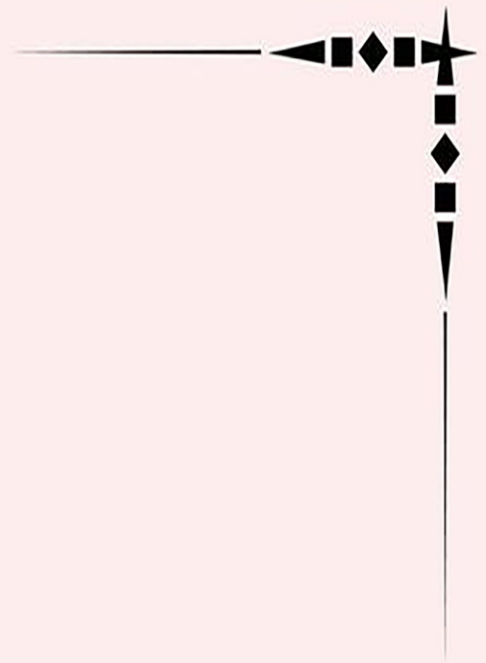
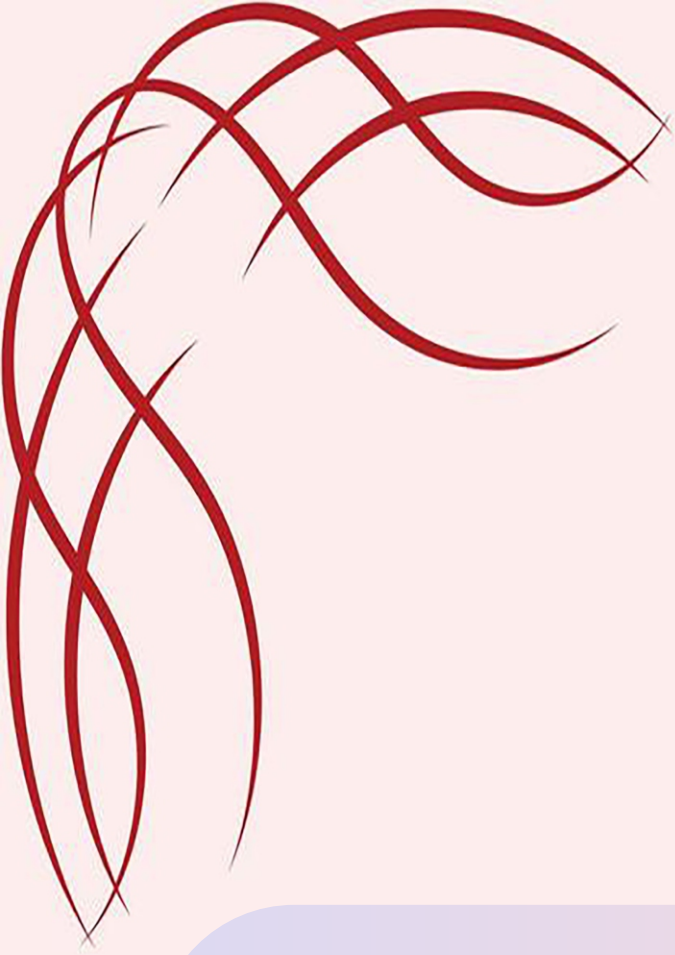
# WELDING INSTRUCTOR COURSE



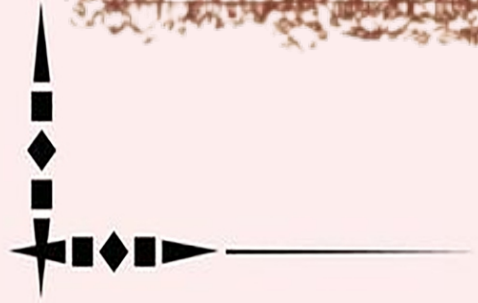


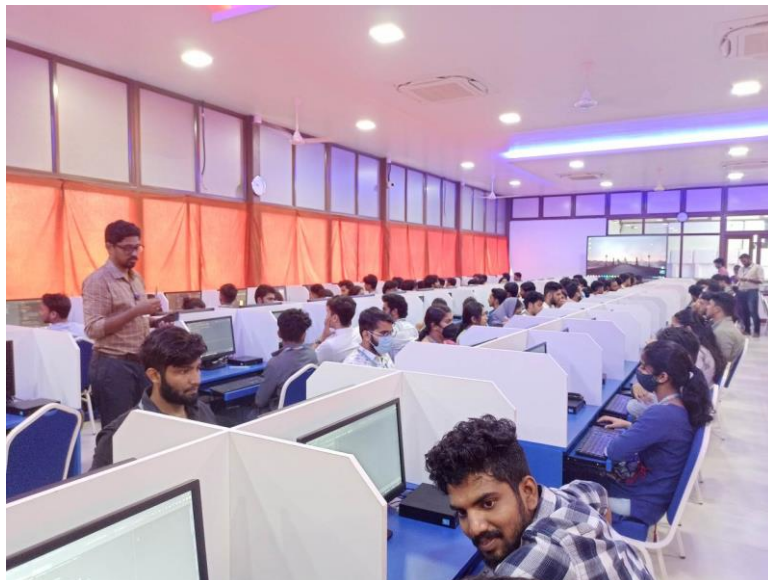
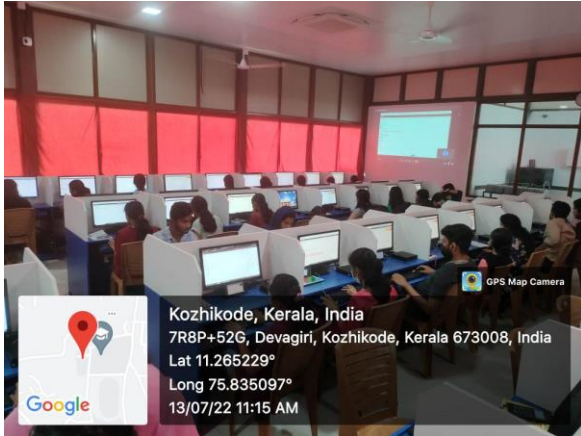






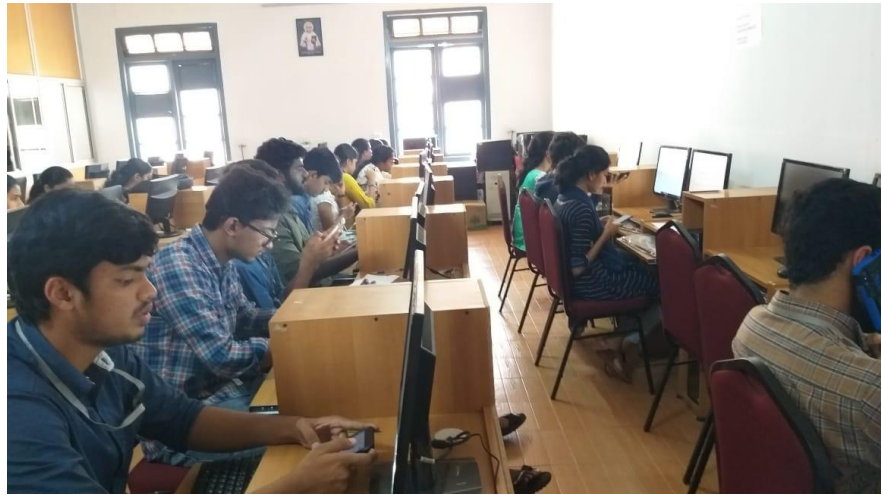
# SPSS













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