



JAMAL MOHAMED COLLEGE (AUTONOMOUS)

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI – 620 020

NAAC - SSR IV CYCLE

3.3 Innovation Ecosystem

Criterion III Research, Innovations & Extension

3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: FDP - International Webinar on Biological Innovations for Resource Management and Sustainable Development (RM)

Date: 24.08.2021 - 26.08.2021

Effects of Climate Change

- Global phenomenon.
- California Phenology Network including specimens from 48 herbaria throughout the state.
- Possible correlation: for every degree Celsius that the average temperature increased, California's black sage flowered 4.3 days sooner (Tanner,2020).

<https://www.uitm.edu.my/news/online-students-study-effects-climate-change-using-100-year-old-plant>

Screenshot of Ts. Dr. AsmahBintiAwal lecture

Repurposing Campus Land through Cash Crops as Alternative Revenue Streams for Malaysian Public Universities

Presented By:
Professor Ts. Dr. Hajah Rugayah Gy Hashim
Deputy Rector, Research & Innovation
Universiti Teknologi MARA (UITM) Cawangan Selangor (UCS), Puncak Alam Campus
Selangor, Malaysia



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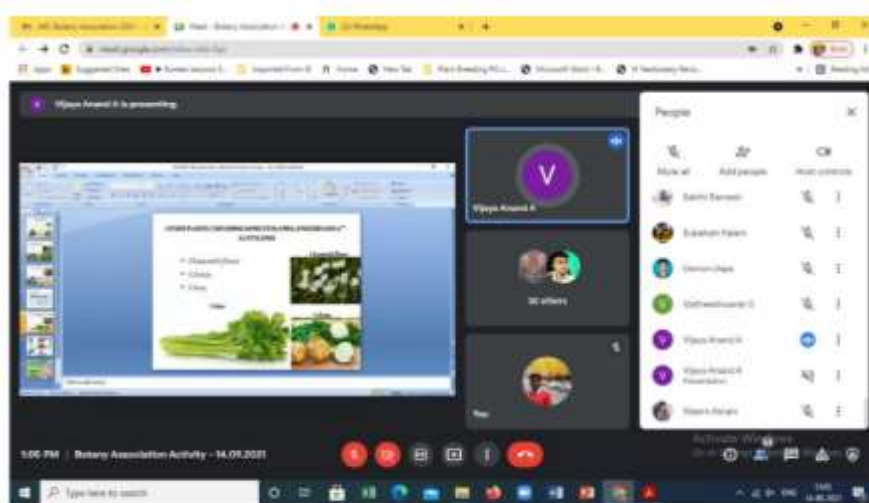
Criterion III Research, Innovations & Extension

3.3 Innovation Ecosystem

3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: Phytomedicine: Medicinal Plants to Drugs (SD)

Date: 14.09.2021



Online lecture through Google meet by Dr.VijayaAnand



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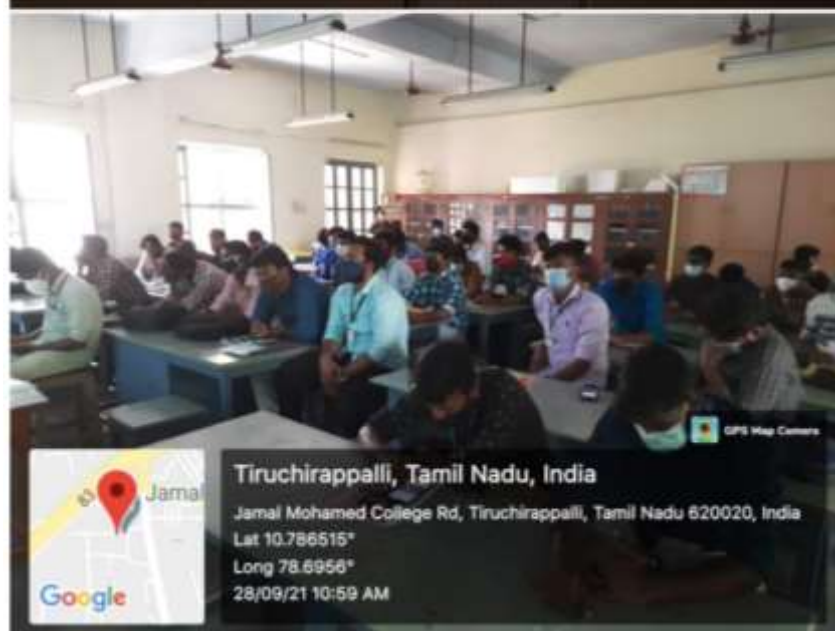
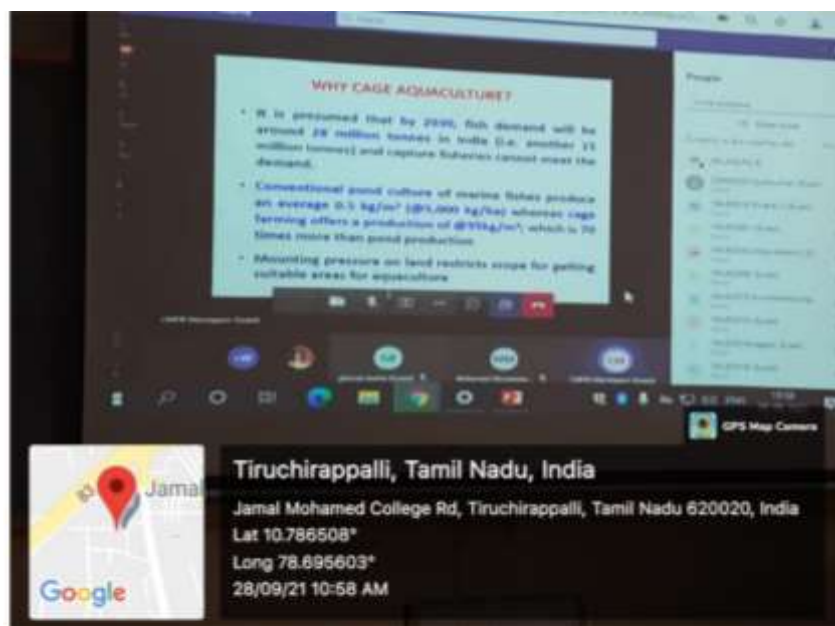
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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: EDP: Opportunities in Mariculture (ED)

Date: 28.09.2021 - 29.09.2021





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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: Hand on Training Programme on Plant Collection, Processing and Herbarium Preparation (SD)

Date: 30.09.2021





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Workshop/Seminar: A Lecture Programme on "Mushroom Cultivation and Post - Harvest Technology"
Date: 21.10.2021

In this program 12 faculties and 63 students from II and III UG botany students participated. Dr.Cathrine Sara, Head, Department of Botany, Holy Cross College demos the methods in Mushroom cultivation, selection of straw, sterilization, span preparation, bagging inoculation and cultivation and post harvesting of mushrooms.





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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: Hands on Training Programme - Herbal Production Preparation

Date: 20.11.2021

Dr.M. Arumugam, Head Department of botany, JJ College of Arts and Science Conducted Training Program on Herbal Product preparation on 20.11.2021 to UG students of Department of Botany, Jamal Mohamed College at Botany Lab. 34 students and 12 faculty members participated. In this program, Dr.Arumugam demos how to prepare herbal pain balm, Aloe vera gel for cosmetic, Herbal soap using medicinal plants and fruits.





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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: A lecture programme on pandemic diseases and importance of vaccine

Date: 22.11.2021

Dr. A. Vairammoorthy deliver guest lecture on 22/11/2021 on Pandemic diseases and importance of Vaccine. Nine faculties and 30 UG students participated in the program. He explained the importance of vaccine in pandemics. Role of Louie pasture institute for generation of Rabies vaccine and opportunities in Vaccine Industries.





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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: OUT REACH PROGRAMME - Seed Ball preparation and Nursury Technique
Date: 23.11.2021





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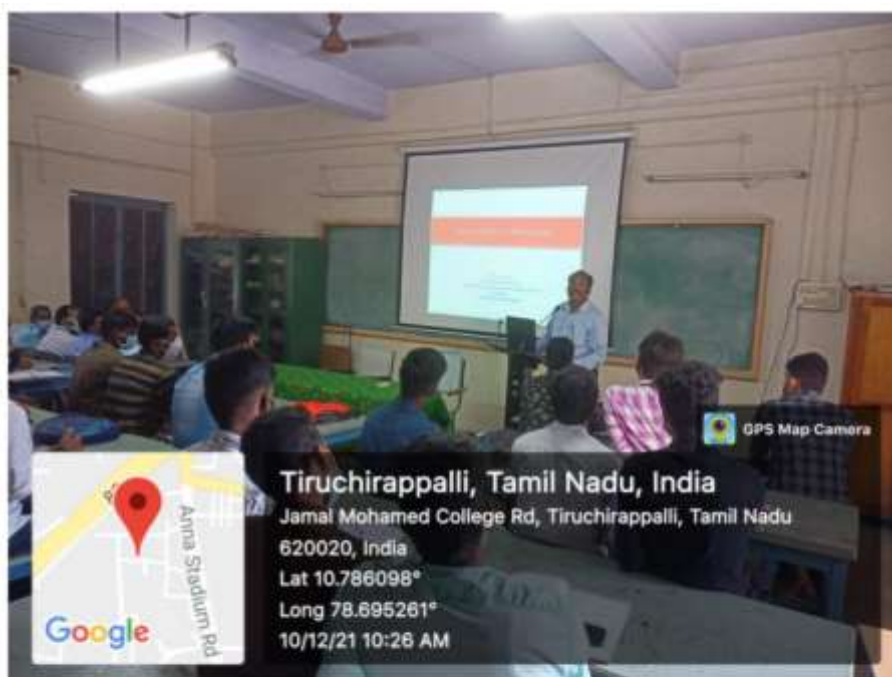
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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: A Guest Lecture Programme on Analytical Techniques for Biology

Date: 10.12.2021





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Workshop/Seminar: Out Reach Programme - Botanical techniques

Date: 20.12.2021

Totally, nine students were participated in this programme and they explained about the plant preservation techniques and methodology to the school teachers and students. In this program many school students has participated and gained the knowledge about botanical techniques.





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Workshop/Seminar: ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON "Innovative Teaching and Research methods of Academic Excellence" (SD)

Date: 24.01.2022 - 29.01.2022

Seventy Seven Faculties were participated in this programme and they gained the knowledge on innovative teaching and research methods for academic excellence.





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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: Hands on Training on Bonsai Methods of Plant Propagation (SD)

Date: 18.02.2022





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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: A lecture cum hands on training on High Performance Liquid Chromatography"

Date: 13.05.2022



Breeze QS HPLC system with Photodiode Array Detector

Make : Waters pacific Pte. Ltd

Model No : 1525

Detector : Photodiode Array Detector (PDA; 2998)



Mr. R. Namashivayam, Waters Technical Engineer installed HPLC system



Technical Engineer explained about the working principle of HPLC system to scholars



Dr. N. Ahamed Sherif, Assistant Professor of Botany explained the uses and importance of HPLC to M.Sc., students



Chromatogram of Caffeic Acid



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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: National Seminar on "Innovative Research Approaches in Biological Sciences"

Date: 25.05.2022 to 26.05.2022



Seminar poster



Mr. A.S. Mohamed Asarudeen recites few verses from Holy Quran



Tamil Thai Vazhu by III B.Sc. students



Head, Department of Botany welcomes the gathering



Principal delivering presidential address



Honorable secretary and corespondent offers felicitation



Chief guest Dr. M. Krishnan, Vice Chancellor of Central University, Tamil Nadu delivering inaugural address



National Seminar Souvenir released by chief guest



Seminar participants



Dr. H. Syed Jahangir, Associate Professor of Botany propose vote of thanks



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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: National Seminar on "Innovative Research Approaches in Biological Sciences"

Date: 25.05.2022 to 26.05.2022



Dr. V.R. Ravi deliver a lecture on "Advances in regenerative medicine and stem cell research"



Dr. Siva Ramamoorthy deliver a lecture on "Prospecting and functionalities of plant pigments"



Dr. M. Sathiyabama deliver a lecture on "Chitosan based nanoparticles in crop protection"



Dr. P. Palani deliver a lecture on "Bacteriophages - a new weapon for the control of bacterial diseases in plants"



Dr. R. Sathishkumar deliver a lecture on "DNA Barcode and identification of herbal products authentication"



One of the participant presenting her findings through oral presentation



One of the participant presenting her findings through poster presentation



Organizing secretary presenting the seminar report



Dr. N. Thajuddin delivering Valedictory address



Certificate distribution by chief guest



Dr. R. Ravikumar, Deputy Controller of Examination proposing vote of thanks



National Anthem - III B.Sc. students



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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: Webinar series - Cytogenetics - An Introduction

Date: 25.05.2022 to 26.05.2022





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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: Special Lecture - career opportunities in life science: research perspectives (RM)

Date: 29.09.2021

Career Opportunities for Life Science Students: Research Perspectives

Dr. S. SALAMURUGAN
OBT Ramalingaswami Fellow Assistant Professor
Department of Biotechnology
BHARATHIDASAN UNIVERSITY

People

Google Maps: Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India

Tiruchirappalli, Tamil Nadu, India
Jamal Mohamed College, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.785398°
Long 78.695556°
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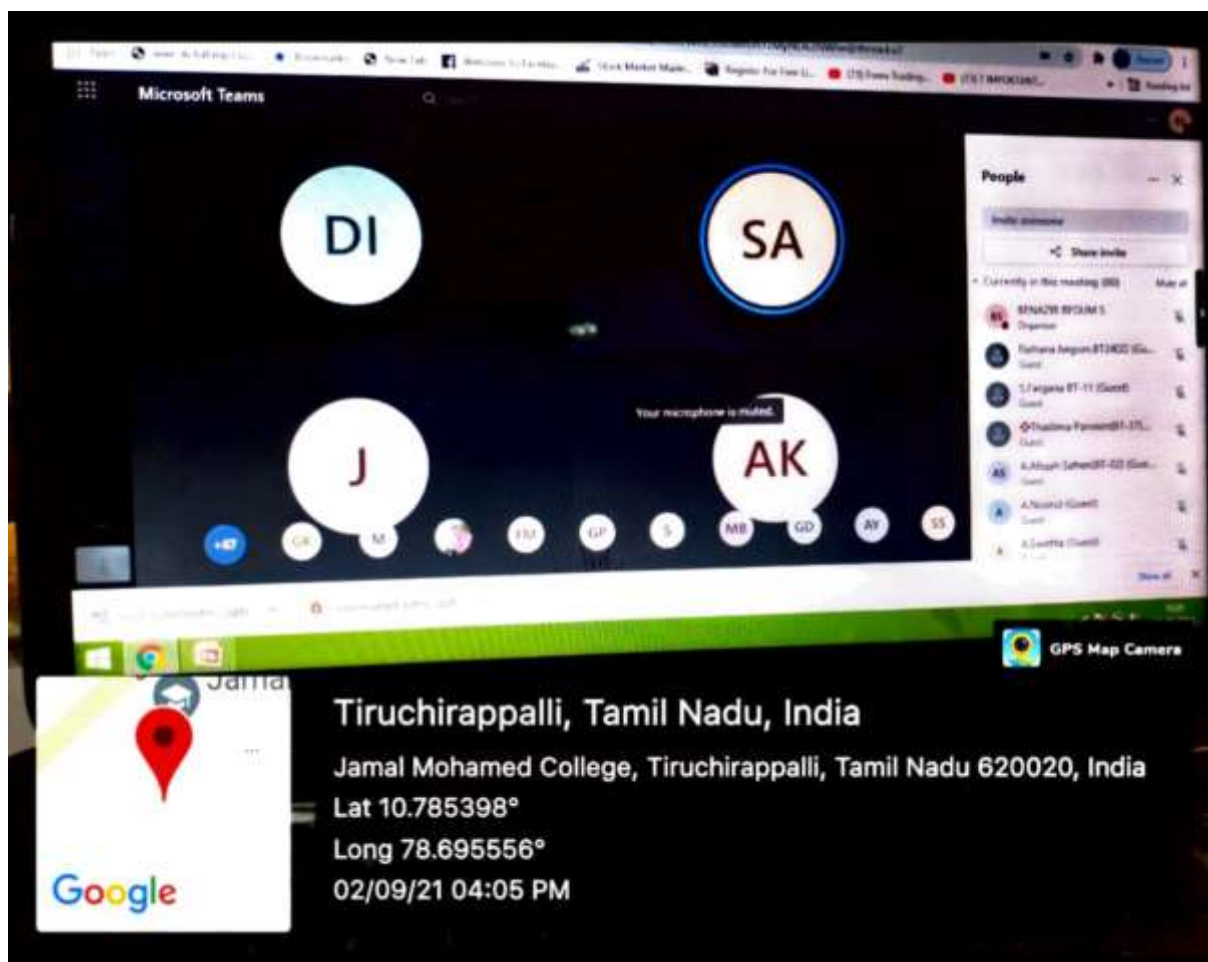
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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: Research methodology - Biological research methodology and preparation of research article (RM)

Date: 02.09.2021





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Workshop/Seminar: Research methodology - Biological research methodology and preparation of research article (RM)

Date: 22.02.2022

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Extracellular nutrient digestion and absorption in the insect gut". The slide content includes a "Materials" section and a "Discussion" section. To the right of the slide is a grid of participant avatars. The bottom of the screen shows a Windows taskbar with various application icons. In the bottom right corner, there is a "GPS Map Camera" icon.

Tiruchirappalli, Tamil Nadu, India
Jamal Mohamed College, Tiruchirappalli, Tamil Nadu 620020, India
Lat 10.785398°
Long 78.695556°
22/02/22 10:49 AM



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Workshop/Seminar: Entrepreneurship- Career Opportunities in Department of Atomic Energy (E)

Date: 09-04-2022





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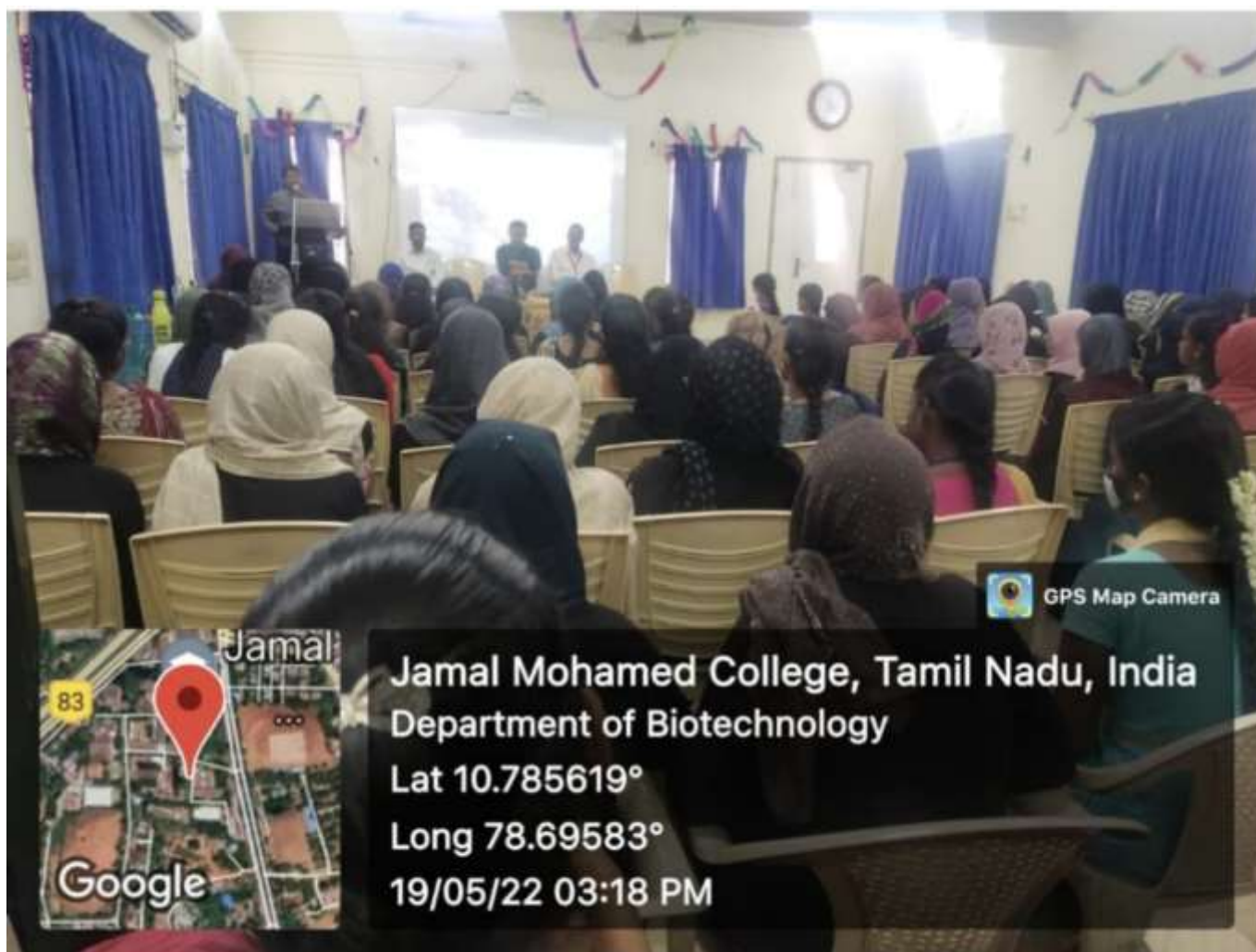
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3.3.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development during the last five years

Workshop/Seminar: Skill development- Biopotential of Drugs from Ocean (SD)

Date: 19.05.2022





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Workshop/Seminar: Skill development- Biopotential of Drugs from Ocean (SD)

Date: 19.05.2022