



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

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LEAD TO ILLUMINATE



STATISTICS

2022-23



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PHYSICAL SCIENCES

STATISTICS

REPORTS

ACADEMIC YEAR 2022-2023

Regular Activities 2022-2023

S.NO	DATE	PROGRAMME	VENUE	NO OF PARTICIPANTS
1	25/06/2022 to 26/06/ 2022	PRESENTED PAPER IN MULTIDISCIPLINARY INTERNATIONAL SEMINAR, BENGALURU	ONLINE	2
2	27/06/2022	Attended Anvesha 2022National Wide Quiz Competition	National Statistical Office, Erragadda	8
3	29/06/2022	Conducted Guest Lecture	P02 LFDC	19
4	19/07/ 2022 to 21/07/ 2022	Conducted Three Day Online Workshop	P02 LFDC	21
5	03/08/2022	Guest Lecture	Montfort Hall LFDC	79
6	19/10/2022	Visit to ICRISAT	ICRISAT, Patancheru	35
7	20/10/2022	Conducted PosterPresentation	Karunya CourtLFDC	44
8	03/11/2022	Intra college competition (UG)	LFDC	26
9	04/11/2022	Intra college competition (PG)	LFDC	11



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10	28/11/2022 to 31/11/2022	Conducted Three Day OnlineNational workshop (MOU program with Carmel College)	Online (GMEE)	80
11	24/02/2023	National Seminar (MOUprogram with St. Anthony's college, Shillong)	Online	50
12	17/04/2023 to 06/05/2023	Project In Collaboration withInside Facts, AS Rao Nagar	P01 LFDC	20



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PRESENTED PAPER IN MULTIDISCIPLINARY INTERNATIONAL SEMINAR, BENGALURU

Name of the Program: Presented paper in Multidisciplinary International

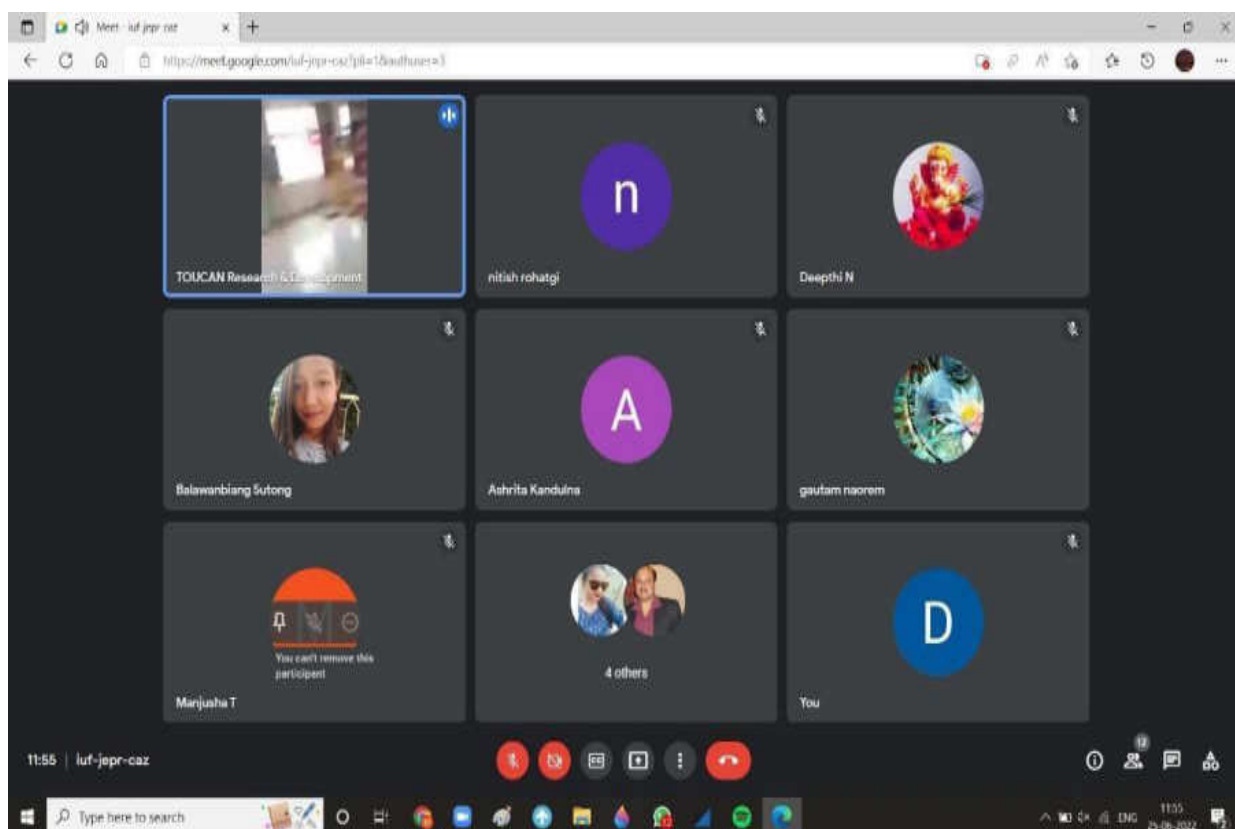
Seminar Date : 25TH & 26TH 2022

Venue : ONLINE

No. of Participants : 02

Department of physical sciences, faculty of statistics attended and presented paper at multidisciplinary international seminar on “Recent Trends in Multidisciplinary research of primary and secondary data” organised by Ramaiah institute of business studies on 25th and 26th June 2022. Ms. Dhvani and Ms.

Manjusha presented a paper in the seminar. Paper title is, “Fitting of model on difference in the relationship of weight to height and thus meaning of body mass index” on 26th June 2022. The study emphasizes the changes in body weight and height, and the changes in the prevalence of overweight and obesity. The blend of virtual and in person addresses allowed for a diverse range of perspectives and knowledge sharing.



Ms. Manjusha and Ms. Dhvani are presenting paper at international conference

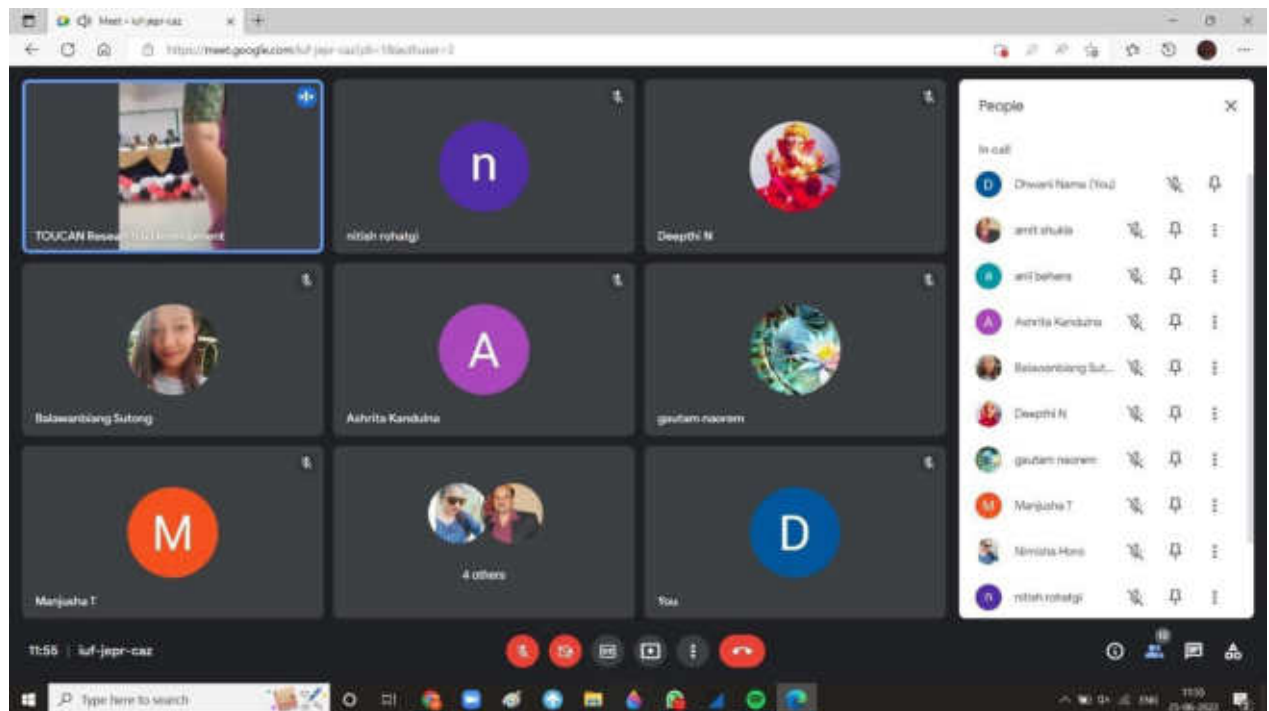


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The inaugural session was ongoing during the session.



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Attended Anvesha 2022 National Wide Quiz Competition

Name of the Program: National Wide Quiz Competition

Date : 27th June 2022

Venue : National Statistical Office, Erragadda

No. of Participants : 08

Time : 9:30AM

On June 27, 2022, the Ministry of Statistics and Program Implementation, Government of India, hosted ANVESHA 2022, a nationwide quiz on Official Statistics in Hyderabad. Eight students from Little Flower Degree College participated, forming four groups. Held at the Centre for UNANI Medicine, the event saw enthusiastic engagement from 9 am to 3 pm, with guests motivating participants. A nourishing lunch was provided, and all students received participation certificates, concluding a rewarding experience they were grateful for.



Students received certificates for participating in a nationwide statistics quiz hosted by the NSSO.



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Guest Lecture

Name of the Program : Guest Lecture on Multiple Linear Regression
Date : 29th June 2022
Venue : P02 LFDC
No. of Participants : 19
Time : 10:30 AM

On the occasion of national statistics day, on 29th of June 2022, faculty of statistics organized a guest lecture for the students of M.Sc. (Statistics). Dr. Chandra Sekhar Reddy, associate professor, CMR institutions, Hyderabad was the guest lecturer. The presentation started around 10.30 am and continued till 12 noon. The topic was “Multiple Linear Regression” and the concept was explained in detail. Post the lecture, the concept on how statistics can open doors to many opportunities was discussed. The guest lecturer was kind enough to encourage doubts not only regarding the topic but also on the general topics of the subject.



The professor provided a comprehensive explanation of multiple linear regression models, breaking down the concepts with clarity and expertise.



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Ms. Jayanthi Reddy felicitating the speaker



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Three Day Online Workshop

Name of the Program : Python Programming
Date : 19th July 2022 to 21st July 2022
Venue : P02 LFDC
No. of Participants : 21
Time : 8.45AM

A three-day online workshop on Python programming for M.Sc. (Statistics) students held from July 19th to 21st, 2022, hosted by the faculty of Statistics led by guest lecturer Ms. Sushma, a data analyst, the workshop aimed to introduce students to Python's application in statistical analysis and data science. The sessions, conducted via Google Meet, covered topics including basics of statistics, distributions, correlation, regression, and parametric tests. Students actively participated, gaining practical skills and confidence in data analysis. The workshop concluded successfully, with students expressing gratitude to the guest lecturer for their valuable insights.



Students are engaged in python workshop

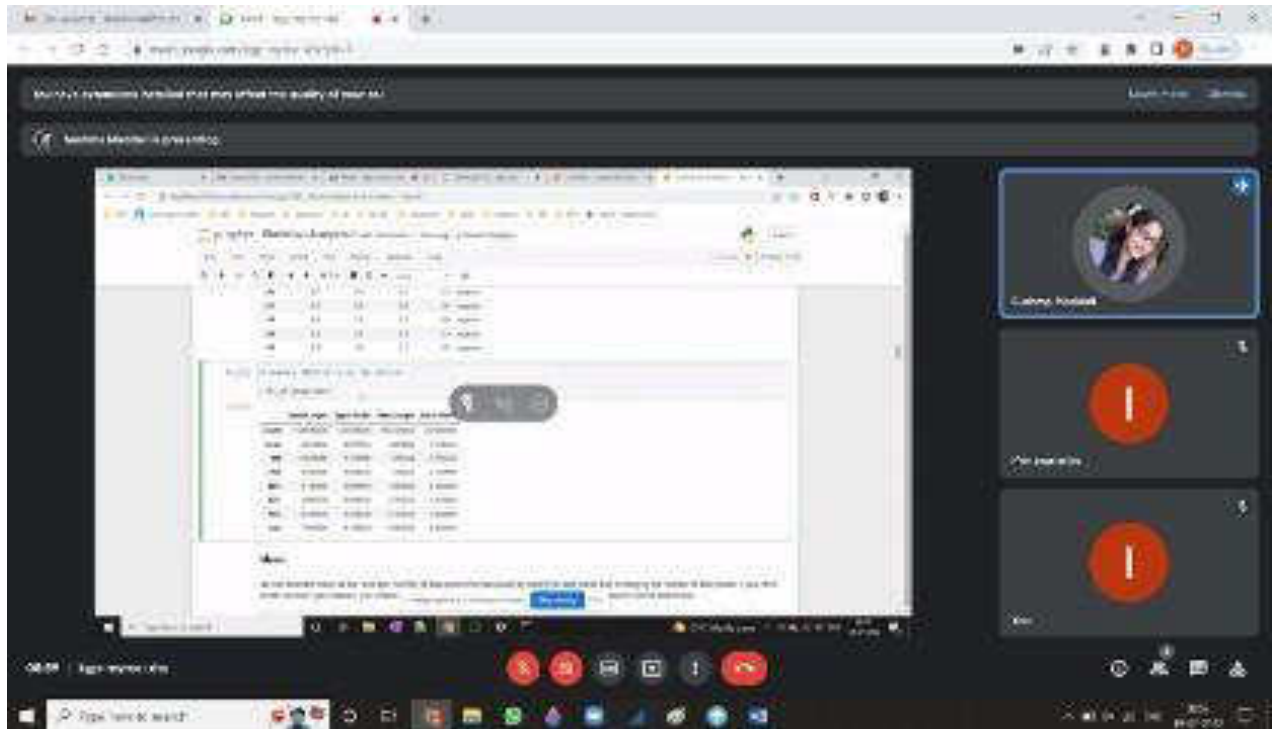


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The speaker Ms. Sai Sushma delivered a lecture on Python implementations using real-time datasets.



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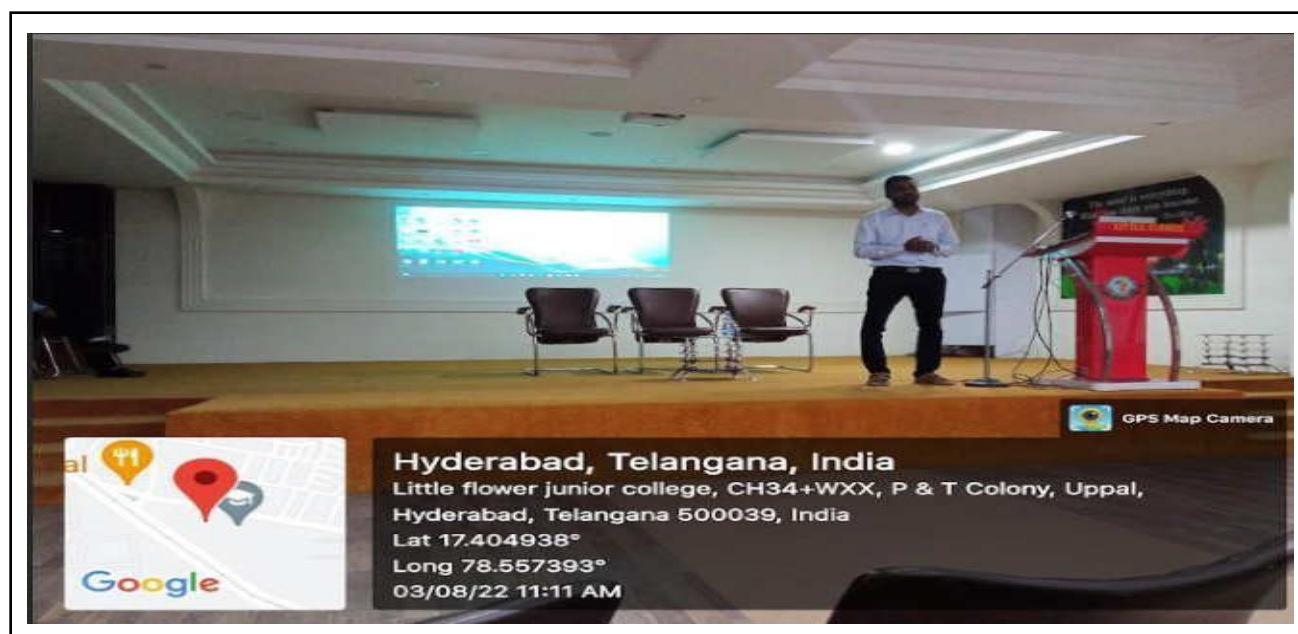
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Guest Lecture

Name of the Program	: Guest Lecture
Date	:3rd Aug 2022
Venue	: Montfort Hall LFDC
No. of Participants	:79
Time	: 10.00AM

The faculty of Statistics organized a seminar on GIS Mapping on 03/08/2022 at Montfort Hall, attended by both undergraduate and postgraduate students. Mr. Yoga Chandar PA, Superintending Surveyor, and Mr. Maheshwar Singh, Officer Surveyor, Faculty of CARTO, DM & GIS, Survey of India, delivered the lecture. Mr. Yoga Chandar began by introducing Geographic Information System (GIS) and its modern applications. He highlighted its role in various fields such as engineering, planning, logistics, and business. Mr. Maheshwar Singh further explained how GIS integrates disparate information through spatial indexing, facilitating new avenues of research. The session concluded successfully, leaving students inspired and informed about innovative possibilities.

Yoga Chandar, elucidated the concept of GIS mapping to the students.





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Students were engaged in the lecture on GIS mapping delivered by professors Yoga Chandar (P.A Superintending Surveyor) and Maheshwar Singh (Officer Surveyor, Survey of India).



Ms. Jayanthi Reddy presented mementos to the speakers, Professors Yoga Chandra (P.A Superintending Surveyor) and Maheshwar Singh (Officer Surveyor, Survey of India).



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Visit to ICRISAT

Name of the Program : Visit to ICRISAT
Date : 19th Oct 2022
Venue : ICRISAT, Patancheru
No. of Participants : 35
Time : 11:00AM

On October 19, 2022, students from B.Sc. and M.Sc. in Statistics, accompanied by two lecturers, visited ICRISAT, Patancheru, Hyderabad. The objective was to gain insights into agricultural research and explore career opportunities. Guided tours provided detailed explanations about research areas, agricultural equipment, and experiments. Students learned about millets, soil, and career prospects, enhancing their knowledge and interests. The trip concluded successfully, achieving its objectives and providing valuable learning experiences for curious students.



Students visited ICRISA, where the guide explained various concepts related to agriculture, crop science, and agricultural research.



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The speaker was delivering the lecture on agricultural research to the students at ICRISAT.



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Poster Presentation

Name of the Program	: Poster Presentation
Date	: 20th Oct 2022
Venue	: Karunya Court LFDC
No. of Participants	: 45
Time	: 11:00AM

On October 20, 2022, the faculty of Statistics celebrated World Statistics Day with a Model and Poster presentation aimed at fostering students' creativity and highlighting the importance of statistics across various fields. Under the theme 'Data for Sustainable Development', students from B.Sc. and M.Sc. actively participated this year. B.Sc. students created posters on topics like Probability and Distribution, alongside interactive games. Meanwhile, M.Sc. students showcased models related to advanced statistical concepts such as Design of Experiments and Sampling Theory. The event commenced at 10:40 A.M., with enthusiastic participation from all students. Principal Rev. Bro.

Vincent Reddy provided positive feedback on each presentation. The Department is pleased with the students' learning outcomes in creative and presentation skills. Faculty members Ms. Dhvani, Ms. Manjusha, and Mr. Kumar diligently organized and encouraged the event, ensuring students' success.



Students were presenting their posters as Bro. Vincent Reddy reviewed the models.



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Students were presenting their posters while Bro. Vincent Reddy and Ms. Jayanthi & faculty members reviewed the models.





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Intra- Collegiate Competition (UG)

Name of the Program : Essay Writing
Date : 3rd Nov 2022
Venue : LFDC
No. of Participants : 26
Time : 11:00AM

On November 3, 2022, the Department of Statistics hosted an Intra Collegiate Competition in "Essay Writing." The event attracted participation from 26 students across different departments, who showcased their writing skills and perspectives on various topics. This competition provided an opportunity for students to engage in critical thinking and articulate their thoughts through the written word. Participants were able to express their creativity and analytical abilities, while also receiving feedback from peers and faculty members. The competition aimed to promote academic excellence and foster a culture of writing and intellectual expression among students.



Students are participating in Essay writing competition



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Students engage enthusiastically in essay competition



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Intra- Collegiate Competition (PG)

Name of the Program: Project Presentation

Date : 3rd Nov 2022

Venue : LFDC

No. of Participant : 11

Time : 11:00AM

The Department of Statistics organized an Intra Collegiate Competition titled "Project Presentation" on November 4, 2022. This event brought together 11 students from various departments to showcase their research projects and share their findings. It provided a platform for students to engage in intellectual exchange and receive feedback from peers and faculty members. The competition aimed to encourage interdisciplinary collaboration and foster a culture of research and academic excellence among students. Participants were able to hone their presentation skills and gain valuable experience in articulating their research to a diverse audience.



Students are actively participating in the competition



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Students are presenting their Projects



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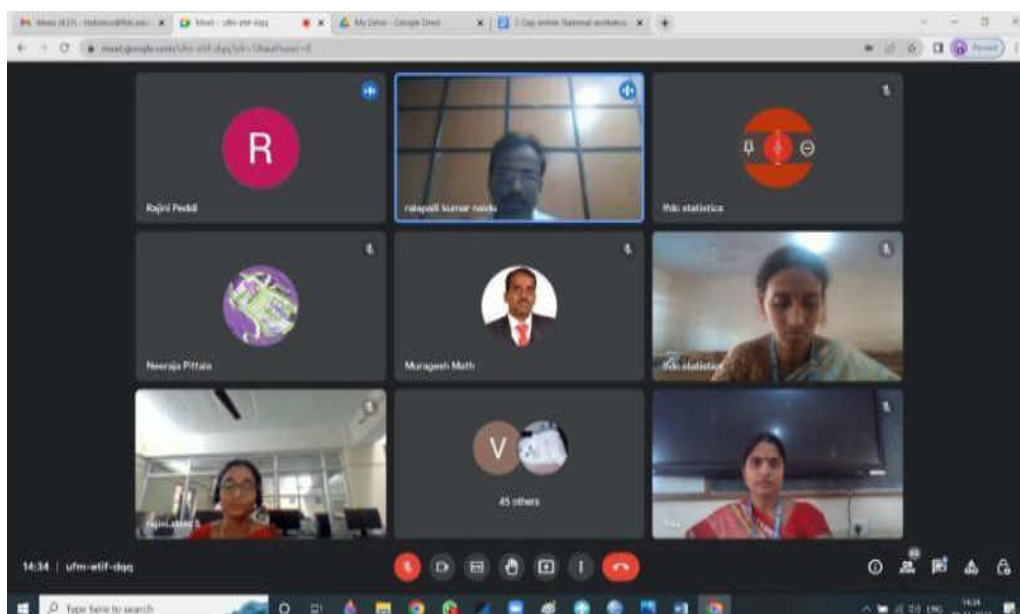
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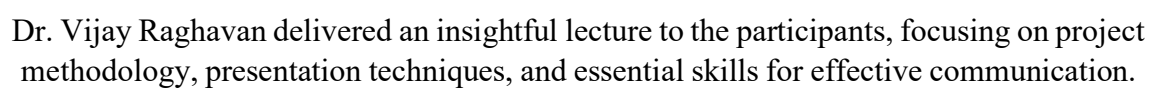
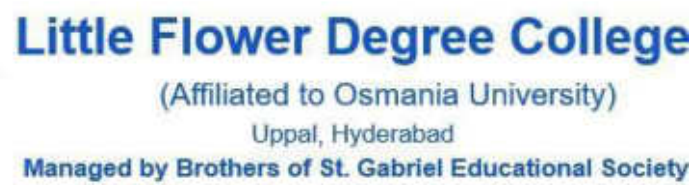
Three Day Online National Workshop (MOU programme with Carmel College)

Name of the Program	: Research & Project Development using Statistical Techniques
Date	: 28th Nov 2022 to 31st Nov 2022
Venue	: Online (G-MEET)
No. of Participants	: 70
Time	: 10:00AM

The IQAC and faculty of Statistics, in collaboration with Carmel College, Mala, Kerala, conducted a 3-day online National Workshop on "Research & Project Development using Statistical Techniques" from November 28th to 30th, 2022. The workshop aimed to enhance participants' understanding of key statistical tools and techniques and improve their software handling skills. With approximately 100 participants from various states and departments, the workshop featured sessions led by Dr. Vijaya Raghava Kumar, Dr. D. Sampangi Raman, and Ms. P. Rajini, covering topics such as data exploration, industrial experimentation, factor analysis, and cluster analysis using R.



Dr. Rajini dedicated time to addressing participants' queries during an interactive session, providing comprehensive explanations and clarifications.





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National Seminar (MOU Programme with St. Anthony's college, Shillong)

Name of the Program : National Seminar

Date : 24th Feb 2023

Venue : Online

No. of Participants : 50

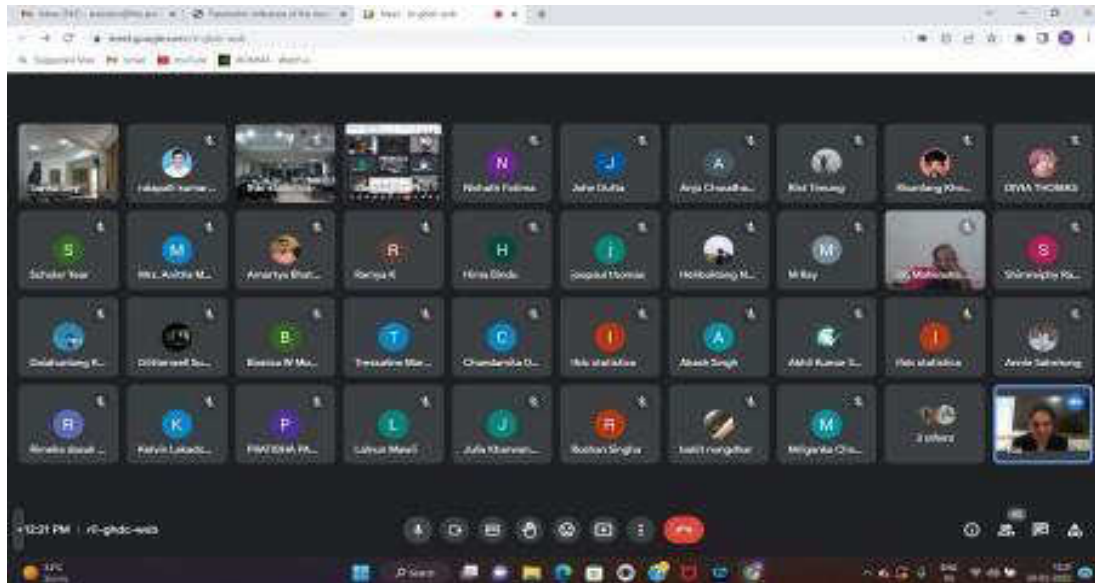
Time : 10:30AM

A one-day national seminar was conducted on 24th February 2023 from 11:00 am to 1:00 pm. There were two speakers for the event. The first speaker was Dr. Sanku Dey, Associate Professor, DCP of Statistics, St. Anthony's College, Shillong, Meghalaya. The session went from 11:00 am to 12:00 noon. Around 80 participants attended the seminar. The speaker discussed the topic of "Parametric inference of the loss based on the process capability index CPM for normal distribution". The session was conducted online through Google meet. The second speaker was Dr. Mahendra Saha, Assistant professor, Department of statistics, Central University of Rajasthan, Ajmer, Rajasthan. The session went from 12:00 noon to 1:00 pm. The speaker discussed the topic "Time truncated attribute control chart for the Rayleigh distributed quality characteristics and Beyond". The session was conducted online through Googlemeet. The overall session went well and the speakers were open to doubt clearing sessions. They were friendly and all the questions were answered.

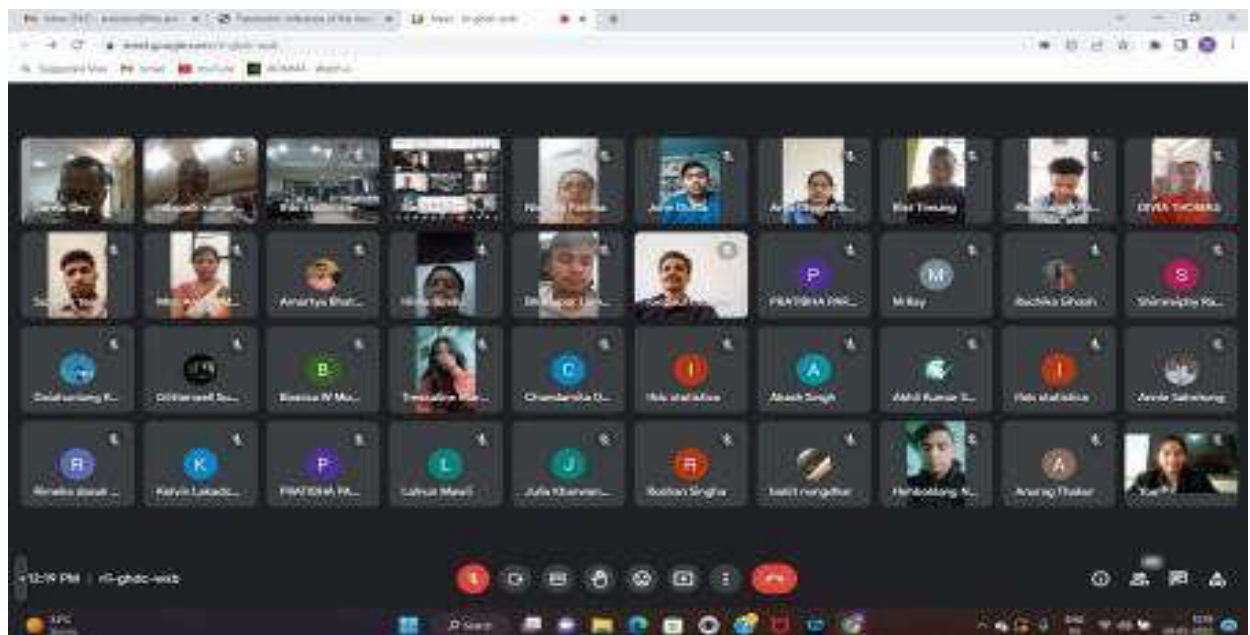


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Dr. Mahendra Saha is delivering a presentation on Control Chart, while Dr. Sanku Dey is addressing the participants.



Prof. Sanku Dey giving presentation on parametric inference



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Project Work-in Collaboration with Inside Factz Training Institute

Name of the Program : Project Work In Collaboration With Inside Factz
Training Institute

Date :17th April 2023 to 6th May 2023

Venue :P01 LFDC

No. of Participants : MSc STATISTICS II YEAR

Time :10:30AM

The faculty of statistics conducted a Project work in collaboration with Inside Factz Training Institute from 12th May to 30th May for post-graduate students. Total 20 students of MSc (Statistics)-II have participated actively in this event. Mr. Raju, a Data Scientist from IBM "Inside Factz" training institute, and Dr. P. Rajini, an Assistant Professor from Bhavan's Vivekananda College, enriched the students' learning experience. This event provided an excellent platform for students to showcase their skills and knowledge while honoring the contributions of eminent statisticians.



Dr. Rajini delivering a lecture on research tools and techniques of project work



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Mr. Raju, Senior Data Scientist explaining the methods of machine learning techniques



Ms. Jayanthi Reddy presented mementos to Mr. K. Raju, Senior Data Scientist, and Dr. Rajni, Assistant Professor at Bhavan's Vivekananda College, Hyderabad.