



Little Flower Degree College

(Affiliated to Osmania University)

Uppal, Hyderabad

Managed by Brothers of St. Gabriel Educational Society

LEAD TO ILLUMINATE



STATISTICS

2019-20



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PHYSICAL SCIENCES

DEPARTMENT OF STATISTICS

ACADEMIC YEAR 2019-20

S.NO	DATE	EVENT	VENUE	No. of Participants
1	04/07/2019	Attended Faculty Development Workshop	St. Pious X Degree & PG College	1 (Ms. N. Dhvani)
2	20/07/2019	Guest Lecture	LFDC, Seminar Hall	45
3	13-08-2019 to 27-08-2019	Certificate Course on SPSS (In collaboration with NSIC, ECIL)	LFDC, Computer Lab	47
4	22/08/2019	National Project (Started- Not completed)	3RD FLOOR, SEMINAR HALL	71
5	09/02/2019	Attended Faculty Development Programme	Little Flower Degree College, UPPAL	2(Ms. Dhvani & Ms. Manjusha)
6	13/12/2019	Conducted Faculty Development Programme	2ND FLOOR SEMINAR HALL, LFDC, Uppal	60
	27th & 28th Dec	Attended Two Day National Conference & Presented Paper	University College of Science, OU	2(Ms. Dhvani & Ms. Manjusha)
7	30/12/2019	INTER COLLEGIATE COMPETITIONS	2ND FLOOR, LFDC, UPPAL	60
8	06/01/2020	INTRA COLLEGIATE COMPETITIONS	D41	100



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9	17/01/2020	Attended Faculty Development Programme	MONTFORT HALL, LFDC, UPPAL	2(Ms. Dhvani & Ms. Manjusha)
11	31/01/2020	Students attended Inter Collegiate Competitions	IIMC, KHAIRATABA D	10
12	07/02/2020	Students attended Seminar	St. Pious X Degree & PG College	6
13	28/02/2020	FIELDTRIP	Survey of India	40
14	13/03/2020	Guest Lecture	LFDC, Seminar Hall	60
15	16/05/2020	Conducted International Webinar	Webinar- Zoom App	150
16	Last Date 12th June 2020	Conducted Online Quiz Competition	Webinar- Zoom App	120



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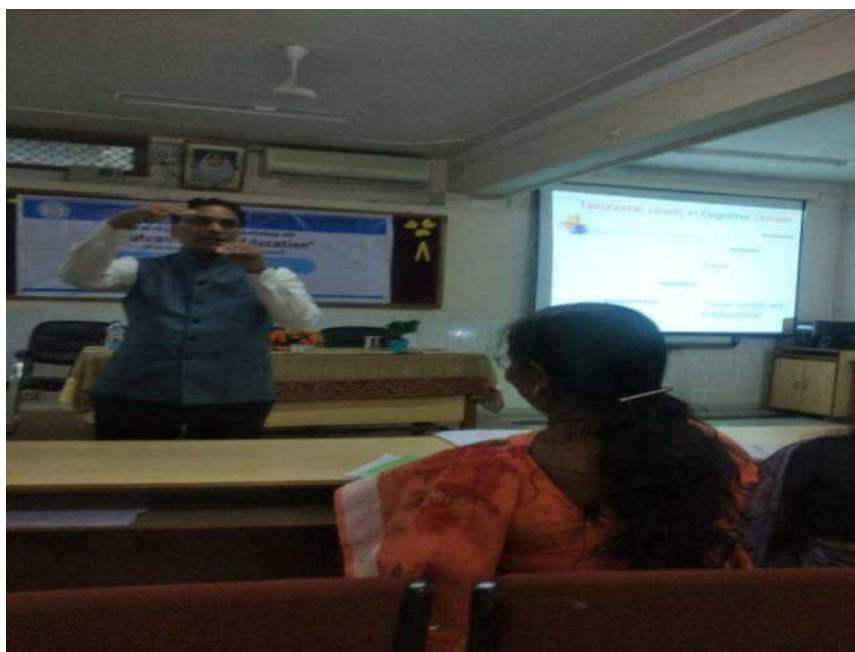
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Attended Faculty Development Workshop

Name of the Program : Faculty Development Workshop
Date : 4th July 2019
Venue : St. Pious X Degree & PG College
No. of Participants : 1 (Ms. N. Dhvani)
Time : 10:00 AM

Attended Faculty Development Workshop on "Outcome Based Education" at St. Pious X Degree & PG College on 04/07/2019. Organized by IQAC, the workshop featured sessions led by Prof. Parthasarathi and Prof. Ajit Kumar Reddy from NIT Warangal. Prof. Parthasarathi welcomed attendees and highlighted the day's significance. Prof. Reddy delved into Domains & Taxonomies of Learning, emphasizing outcome-based accreditation and facilitating group activities for NAAC understanding. The sessions covered goal setting, outcome evaluation, and assessment tools, including mapping CO-PO & CO-PSO. This program enhanced my grasp of Outcome Based Education.



Prof. Ajith Kumar addressing the participants on outcome-based education



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Ms. Dhvani receiving participation certification at FDP



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Conducted guest lecture

Name of the Program : Conducted guest lecture
Date : 20th July 2019
Venue : LFDC Seminar Hall
No. of Participants : 45
Time : 10:00 AM

The Department of Statistics hosted a seminar on "Network Analysis" featuring Mr. B. Gnaneshwar from the Survey of India, Uppal. He discussed statistical analysis of network data, covering various types of networks such as technological, biological, and social. Topics included network mapping, sampling, characterization, inference, and processes. The session concluded with insights into graph construction, visualization, and data collection techniques for relational networks.



Mr. Gnaneshwar clarifying participants doubts during the session



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Students are actively engaged and attentive during the session.



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Certificate course on SPSS (In collaboration with NSIC, ECIL)

Name of the Program : Certificate course on SPSS
Date : 13 Aug 2019
Venue : LFDC Computer Lab
No. of Participants : 47
Time : 10:00 AM

The Department of Statistics recently conducted a 30-hour certificate course on SPSS in collaboration with the National Small Industries Corporation (NSIC) from August 13th to August 27th, 2019. Led by Mr. G.N. Satish Kumar, an SPSS expert, the course catered to B.Sc. (MSCs) students and covered a comprehensive curriculum. Participants gained practical experience in SPSS, including data management, descriptive and inferential statistics, data visualization, and report generation. The course received positive feedback from attendees, who appreciated its informative and engaging nature, highlighting its significance in both academic and professional contexts. This successful collaboration with NSIC and Mr. G.N. Satish Kumar's guidance underscored the course's value in equipping students with essential skills for data analysis and interpretation.



Mr. G.N. Satish Kumar is addressing the participants on statistical methods

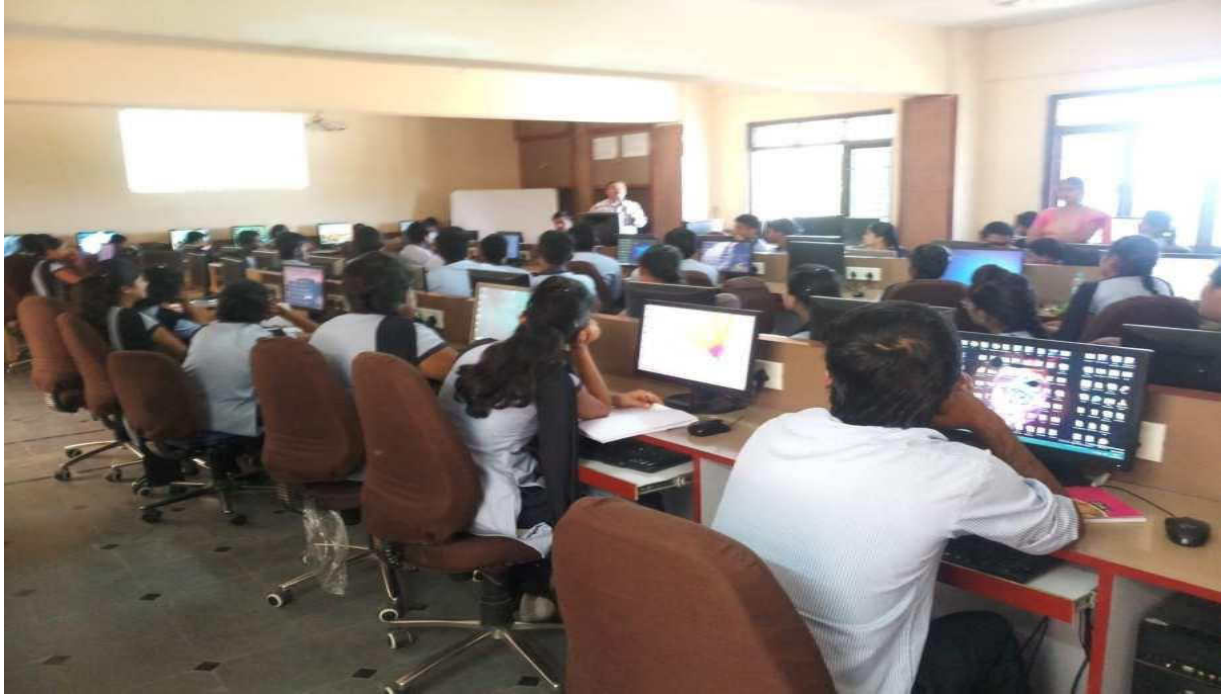


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Mr. G.N. Satish Kumar addressing the participants on SPSS tools and techniques



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National Training Programme

Name of the Program : Economic census survey training programme
Date : 22 Aug 2019
Venue : 3RD FLOOR SEMINAR HALL
No. of Participants : 71
Time : 10:00 AM

A group of students recently participated in an Economic Census Survey Training Program organized in collaboration with the National Sample Survey Office (NSSO). This report outlines the aims, activities, and outcomes of the program. The primary aim of the Economic Census Survey Training Program was to familiarize students with the methodology, techniques, and processes involved in conducting economic census surveys under the guidance of NSSO experts. The Economic Census Survey Training Program with NSSO provided participants with valuable insights, practical skills, and networking opportunities in the field of economic census surveys.



Program officer explaining the survey procedure during the session



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Program Officer clarifying the participants doubts



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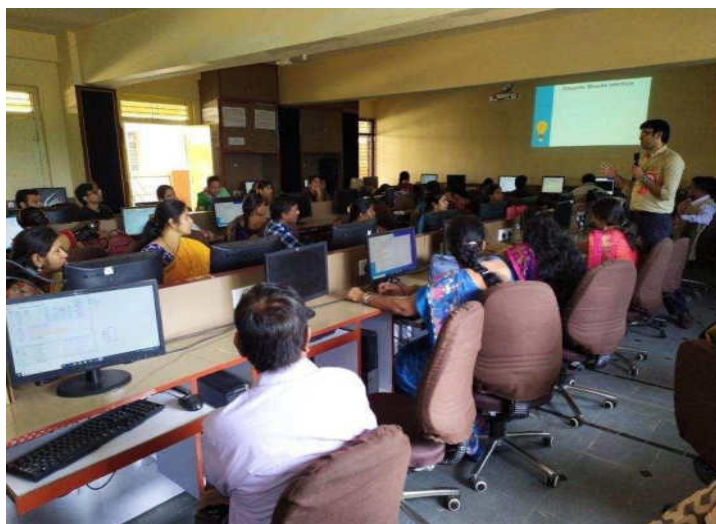
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Attended Faculty Development Programme

Name of the Program : Faculty Development Programme
Date : 9th Dec 2019
Venue : Little Flower Degree College, UPPAL
No. of Participants : 2(Ms. Dhvani & Ms. Manjusha)
Time : 10:00 AM

Attended a Faculty Development Programme on "Learning Management System" at Little Flower Degree College on 9/12/2019, organized by the Department of Computer Science. The session welcomed faculty members from various colleges and departments. Mr. Raman from the Department of Computer Science, OU, elucidated on LMS as a software application facilitating learning processes, particularly in e-learning contexts, with key elements including planning, implementation, and assessment. He highlighted popular LMS platforms like Moodle, Blackboard Learn, and Schoology, emphasizing their utility in knowledge management. The hands-on session explored LMS types, such as cloud-based, self-hosted, and mobile applications, focusing on content creation and online assessment features. The session concluded with insights into student attendance tracking, user feedback, and the pros and cons of LMS implementation, enhancing participants' understanding of LMS functionality.



Mr. Raman delivering a lecture on techniques of LMS during the session



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Conducted Faculty Development Programme

Name of the Program : Conducted Faculty Development Programme
Date : 13th Dec 2019
Venue : 2nd floor seminar hall, LFDC Uppal
No. of Participants : 60
Time : 10:00AM

The Department of Statistics at Little Flower Degree College, Uppal, organized a One Day Faculty Development Programme (FDP) on "Research Skill Development" on December 13, 2019. The event featured distinguished speakers including Prof. N. CH. Bhatra Charyulu from Osmania University, Hyderabad, Mrs. Gowri Deshpande, and Mr. G.N. Satish Kumar. Prof. Bhatra Charyulu's session focused on the development of research skills, covering topics such as the importance of programming, motivation for research, research types, and methodology. Mrs. Deshpande addressed effective research writing, emphasizing the structure and key components of a research paper. Mr. Satish Kumar conducted a hands-on session on research methodology tools and techniques using SPSS, covering aspects such as variable types, hypothesis testing, and correlation analysis. The FDP received positive feedback from faculty members of various colleges, who appreciated the opportunity to enhance their research skills and expressed confidence in imparting the knowledge gained to their students in future academic endeavors. The event concluded with the distribution of certificates to participants by the Principal, Rev. Br. Vincent Reddy, during the valedictory session.



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Mr. Satish Kumar is delivering a session on statistical tools and techniques.



Lighting of the lamp by Bro. Vincent Reddy, Principal, LFDC,
Chief Guest Dr.N.Ch.Bhattacharyulu, OU and Ms. Jayanthi Reddy Vice Principal during the
session



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Attended Two Day National Conference & Presented Paper

Name of the Program : Two Day National Conference & Presented Paper
Date : 27th & 28th Dec 2019
Venue : University College Of Science, OU
No. of Participants : 2(Ms. Dhwani & Ms. Manjusha)
Time : 11:00AM

A Two-Day National Conference on Data Science – A Statistical Perspective took place at Osmania University's Department of Statistics on December 27th and 28th, 2019, commemorating Prof. C.R. Rao's birth centenary. The conference, attended by over 90 participants, featured 36 paper presentations on diverse topics. Distinguished speakers included Prof. B.S. DayaSagar and Dr. T. Ravindra Babu, covering mathematical morphology and case studies in data science, respectively. Other sessions discussed symbolic data objects, logistic type distributions, and data visualization processes. The conference concluded with a valedictory program in the evening, including certificate distribution to participants. Additionally, a paper on the prevalence of underweight among children in Hyderabad, Telangana, was presented by Mrs. Dhwani and Mrs. T. Manjusha from the Department of Statistics, LFDC, Uppal.



Ms. Dhwani and Ms. Manjusha presenting the paper during the session



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Ms. Manjusha receiving the presentation certificate from the organisers



Ms. Dhvani receiving the presentation certificate from the organizer



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Inter Collegiate Competitions

Name of the Program	: Inter Collegiate Competitions
Date	: 30th Dec 2019
Venue	: 2nd Floor LFDC, Uppal
No. of Participants	: 60
Time	: 10:00 AM

On December 30th, 2019, the Department of Statistics hosted the intercollegiate competition "MEMORY GRID" as part of EDGE 19.

Twenty-five students from various departments and colleges participated in the event. The rules included single participation and engaging in a memory game where participants had to match the colours of cards within a given time frame. Karan from BSC(MPCS)-III, LFDC, Uppal secured Prize – I, Chandana from BSC(MPCS)-III, LFDC, Uppal secured Prize – II, and Samhitha from BSC(MSCS)-III, LFDC, Uppal secured Prize – III. All students displayed active participation throughout the event.



Participants are playing Memory Grid game during the competition



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Participants are playing Memory Grid game during the competition



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Intra Collegiate Competitions

Name of the Program : Intra Collegiate Competitions
Date : 6th Jan 2020
Venue : D41 LFDC
No. of Participants : 100
Time : 10:00AM

On January 6th, 2020, the Department of Statistics organized the intra-collegiate competition "GREEDY", attracting 96 participants from various departments. The game featured single participation with 6 rounds and a lucky score. Participants rolled a die, losing all points if it landed on 1, with the round concluding. Cumulative totals were calculated after 6 rounds, determining the winner. Sunil Kumar Singh of BSC (MSCS) - III secured the I Prize, Ashwik from BSC (MSCS) – III secured the II Prize, and Joseph from BSC (MPC) - III secured the III Prize. The event saw enthusiastic participation from all students.



Students are actively involved in the Greedy competition



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Attended Faculty Development Programme

Name of the Program : Attended Faculty Development Programme
Date : 17th Jan 2020
Venue : Montfort Hall LFDC Uppal
No. of Participants : 2(Ms. Dhvani & Ms. Manjusha)
Time : 10:00 AM

The Department of Zoology at Little Flower Degree College, Uppal, hosted a one-day workshop on color, mantra, and Torm therapies, organized by ARHAM PURASKAR MEDITATION, Hyderabad. Mrs. Swapna Kothari, AP Head of Arham Foundation, Hyderabad, served as the speaker, guiding participants through sessions aimed at exploring potential, enhancing mental clarity, relieving chronic diseases, and boosting energy levels. Kothari elaborated on color therapy, a non-invasive holistic treatment designed to balance the body's energy and often used as a complementary therapy for depression, stress, and seasonal affective disorder. She emphasized the scientific evidence supporting the impact of colors on mood and perception, tracing the therapy's roots back to ancient civilizations like Egypt, China, and India. The workshop concluded with practical sessions for faculty members, highlighting the significance of colors and their unique frequencies in influencing the body's response.



A group photo was taken after the session with the participants.



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Students attended Inter Collegiate Competition

Name of the Program	: Students attended Inter Collegiate Competition
Date	: 31st Jan 2020
Venue	: IIMC, Khairtabad
No. of Participants	: 10
Time	: 10:00 AM

On January 31, 2020, the Indian Institute of Management and Commerce (IIMC) organized a Science Talent Test, with approximately 10 students from BSc (MSCS)-I and II participating in the event. The talent test proved to be engaging and enthusiastic, featuring questions covering the fundamentals of statistics, arithmetic, reasoning, and computer science. The test format comprised multiple-choice questions (MCQs), focusing on informative and knowledge-oriented content. Students demonstrated active participation and enthusiasm throughout the competition.



Students attended IIMC for science talent test



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Students Attended Seminar

Name of the Program : Students Attended Seminar
Date : 7th Feb 2020
Venue : St. Pious x Degree & PG College
No. of Participants : 6
Time : 11:00 AM

The Department of Zoology at Little Flower Degree College, Uppal, organized a one-day workshop on color, mantra, and Torm therapies, facilitated by ARHAM PURASKAR MEDITATION, Hyderabad. Mrs. Swapna Kothari, AP Head of Arham Foundation, Hyderabad, served as the speaker, covering topics such as exploring potential, enhancing mental clarity, relieving chronic diseases, and increasing energy levels. Mrs. Kothari provided insights into color therapy, highlighting its non-invasive holistic approach and its role as a complementary treatment for depression, stress, and seasonal affective disorder. She underscored the scientific evidence supporting the impact of colors on mood and perception, tracing its historical roots to ancient civilizations. The workshop concluded with practical sessions for faculty members, emphasizing the importance of color frequencies and their diverse effects on the body.



Students attended St. Pious Degree & PG College for science talent test



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Field Trip

Name of the Program : Field Trip
Date : 28th Feb 2020
Venue : Survey Of India
No. of Participants : 40
Time : 10:00 AM

On February 28th, 2020, in celebration of National Science Day, the students of I MSCS embarked on a field trip, accompanied by Ms. Dhvani. The theme of the observation was "Women in Science". During the trip, students learned about GPS satellite tracking, WAAS/EGNOS satellite tracking, and explored various projects undertaken by APGDC and TGDC. This provided them with valuable new insights and knowledge. The students thoroughly enjoyed the trip and appreciated the guidance provided by the faculty throughout the excursion.



Students are listening to the speaker during the open day of survey of India



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A group photo captured with students along with faculty at Survey of India



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Guest Lecture

Name of the Program : Guest Lecture
Date : 13th Mar 2020
Venue : LFDC, Seminar Hall
No. of Participants : 60
Time : 10:00 AM

The Department of Statistics at LFDC recently hosted a seminar on "Entrepreneurship" featuring Dr. P. Gowri Kusuma, Principal of Dr. B. R. Ambedkar College, Hyderabad, as the keynote speaker. Held on March 13, 2020, the seminar aimed to provide students from BSC(MSCs)-I, II, III with insights into entrepreneurship, dispelling myths and introducing different types of entrepreneurs. Dr. Kusuma discussed essential concepts such as market research, customer validation, and target market identification, encouraging students to explore entrepreneurial opportunities.



Dr. Gowri Kusuma delivering lecture on entrepreneurship during the session



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Rev. Bro. Vincent Reddy presenting a memento to Dr. Kusuma



Students are actively engaged and attentive during the session



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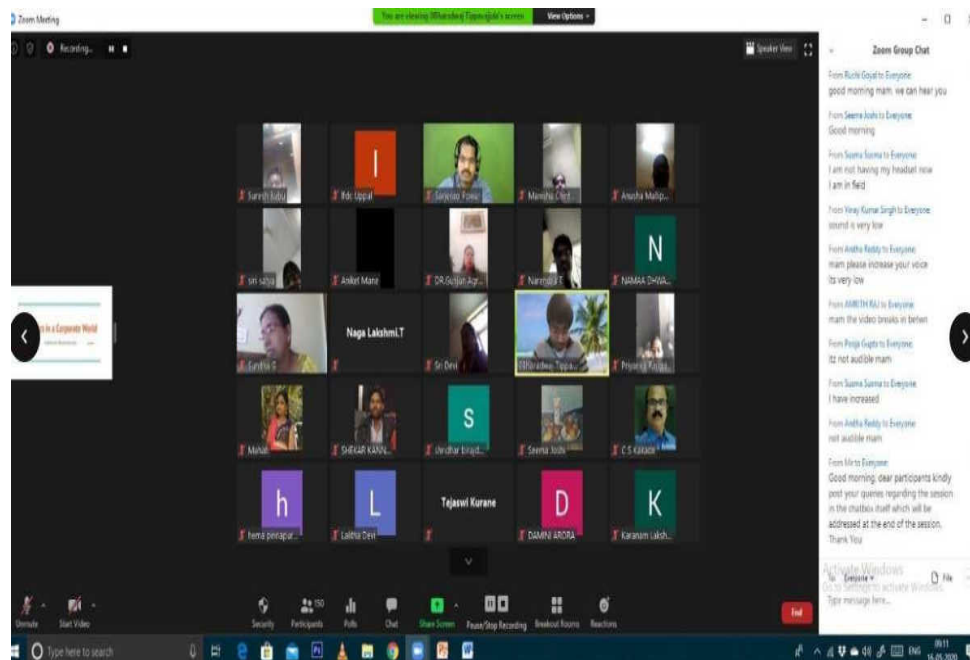
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Conducted International Webinar

Name of the Program : Conducted International Webinar
Date : 16th May 2020
Venue : Webinar-Zoom App
No. of Participants : 150
Time : 10:00 AM

The Department of Statistics recently organized a One-day International Webinar on "Analytics in Corporate World," featuring insightful keynote addresses by Mrs. Dhvani, Head of the Department of Statistics, and Mr. T. Bharadwaj, a Data Analyst at NerdWallet company in San Francisco, California, USA. Mr. Bharadwaj elaborated on common use cases of analytics in product and marketing analytic processes within organizations, while the seminar also highlighted common challenges faced by analytics in various organizational contexts. An interesting aspect was the focus on analytics within startups, middle-aged companies, and matured companies. The program also covered the current skills in demand for analytics professionals, such as fundamentals of statistics and relevant tools. The organizing committee expressed gratitude to all participants for their contributions.



Mr. Bharadwaj addressing the participants on business analytics during the session



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Online Quiz Competition

Name of the Program	: Conducted Online Quiz Competition
Date	: 12th June 2020
Venue	: Webinar Zoom App
No. of Participants	: 120
Time	: 10:00 AM

The Department of Statistics recently organized an Online Quiz competition focusing on the topic of Basic Statistics, which saw participation from students, research scholars, and faculty members from various institutions across different states. The quiz comprised a written exam featuring 20

multiple-choice questions covering fundamental aspects of statistics. Participants who scored 60% and above received Merit certificates, while those scoring below 60% were awarded participation certificates. The event concluded successfully with the issuance of certificates to all participants, marking the culmination of a fruitful and engaging competition.