

**MES College of Arts and Commerce, Zuarinagar-Goa**  
**DEPARTMENT OF MATHEMATICS AND STATISTICS**  
**Annual Report 2021-22**

**Faculty Achievements:**

**Ms. Shruti B. Nayak**

- 1) Participated in National Webinar entitled **“Teacher’s e-Kit: A Four Quadrant Approach for Development of OERs for Higher Education”** organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education on 09<sup>th</sup> September 2021.
- 2) Participated in the webinar on the topic **“Empowerment through Creative Problem Solving”** organised by the Mathematics pedagogy unit of St. Xavier’s Institute of Education on 30<sup>th</sup> October, 2021.
- 3) Participated in the webinar on the topic **“A Mind For Mathematics”** organised by the Mathematics pedagogy unit of St. Xavier’s Institute of Education on 27<sup>th</sup> November, 2021.
- 4) Participated in the webinar on the topic **“Universalizing Math Learning: What Does It Mean In A Classroom”** organised by the Mathematics pedagogy unit of St. Xavier’s Institute of Education on 29<sup>th</sup> January , 2022.
- 5) Successfully completed National One-week online faculty development programme on **“Blended Learning and Pedagogical Techniques”** organized by Teaching Learning Centre, Ramanujan College, University of Delhi in collaboration with PG department of Banking and Insurance Management, Ethiraj College of Women(Autonomous), Chennai, Tamil Nadu from 22<sup>nd</sup> January 2022 to 29<sup>th</sup> January 2022 and obtained A+ grade.
- 6) Participated in faculty development programme on **“Effective Management of Digital tools”** from 31<sup>st</sup> January 2022 to 07<sup>th</sup> February 2022 organized by MES College of Arts and Commerce, Zuarinagar -Goa.
- 7) Participated in the **‘Faculty Enrichment Programme: NAAC Assessment’** organised by the IQAC of MES College of Arts and Commerce, Zuarinagar-Goa held on 06<sup>th</sup> April, 2022.
- 8) Attended the Faculty Development Programme on **‘Outcome based Education: Assignment and Attainment of Course and Programme outcomes’** organized by M.E.S. College of Arts and Commerce, Zuarinagar-Goa in collaboration with State Higher Education Council, Directorate of Higher Education, Government of Goa on 2<sup>nd</sup> June 2022.

9) Created two modules in the subject of Commercial Arithmetic-I and one module in the subject of Business Statistics-I for the DISHTAVO project of DHE, Goa Government.

**Ms. Yuti Keny**

- 1) Participated in the national webinar on “**Symmetry and Puzzles**” organized by department of Mathematics, Shivaji College, university of Delhi on 16<sup>th</sup> October 2021.
- 2) Participated in the webinar on the topic “**Empowerment through Creative Problem Solving**” organised by the Mathematics pedagogy unit of St. Xavier’s Institute of Education on 30<sup>th</sup> October, 2021.
- 3) Participated in faculty development programme on “**Effective Management of Digital tools**” from 31<sup>st</sup> January 2022 to 08<sup>th</sup> February 2022 organized by MES College of Arts and Commerce, Zuarinagar -Goa.

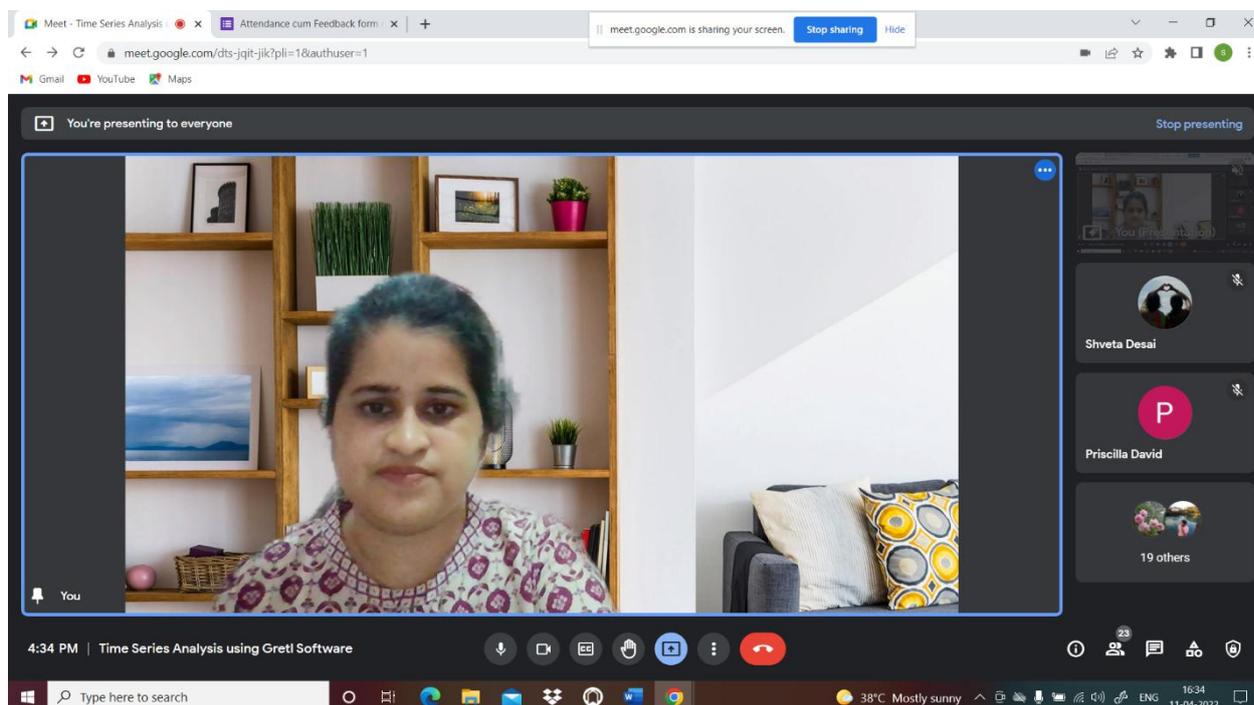
**Students achievements:**

5 students participated in the national webinar on “**Symmetry and Puzzles**” organized by department of Mathematics, Shivaji College, university of Delhi on 16<sup>th</sup> October 2021.

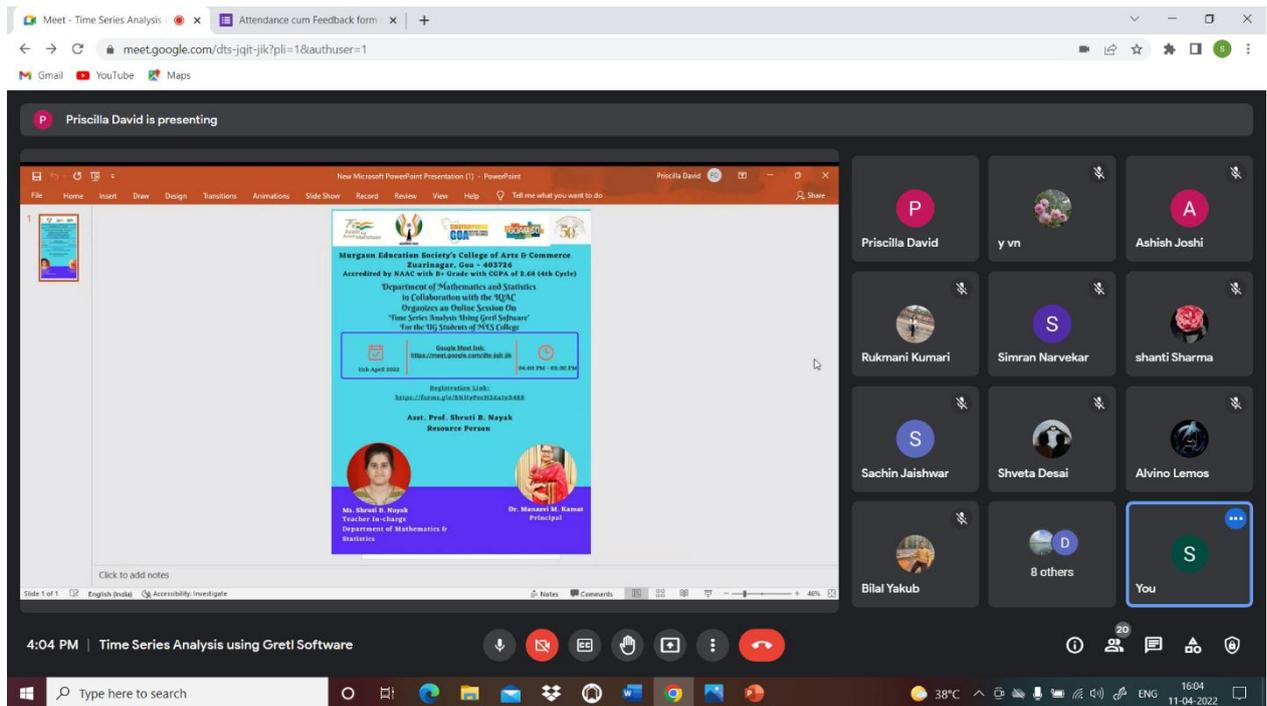
Sr. No.	Name of the student	Class
1	SOUBHAGYA SHANAPPA KARGALPATTI	B.Com. Semester I "B" division
2	RITIK HARISH WADEKAR	B.Com. Semester I "B" division
3	KARISHMA KRISHNA MANJAL	B.Com. Semester I "B" division
4	RAVINDRA RAMCHANDRA BIND	B.Com. Semester III "C" division
5	YASH DNYANESH KARPE	B.Com. Semester III "B" division

### **Students Enrichment Activity:**

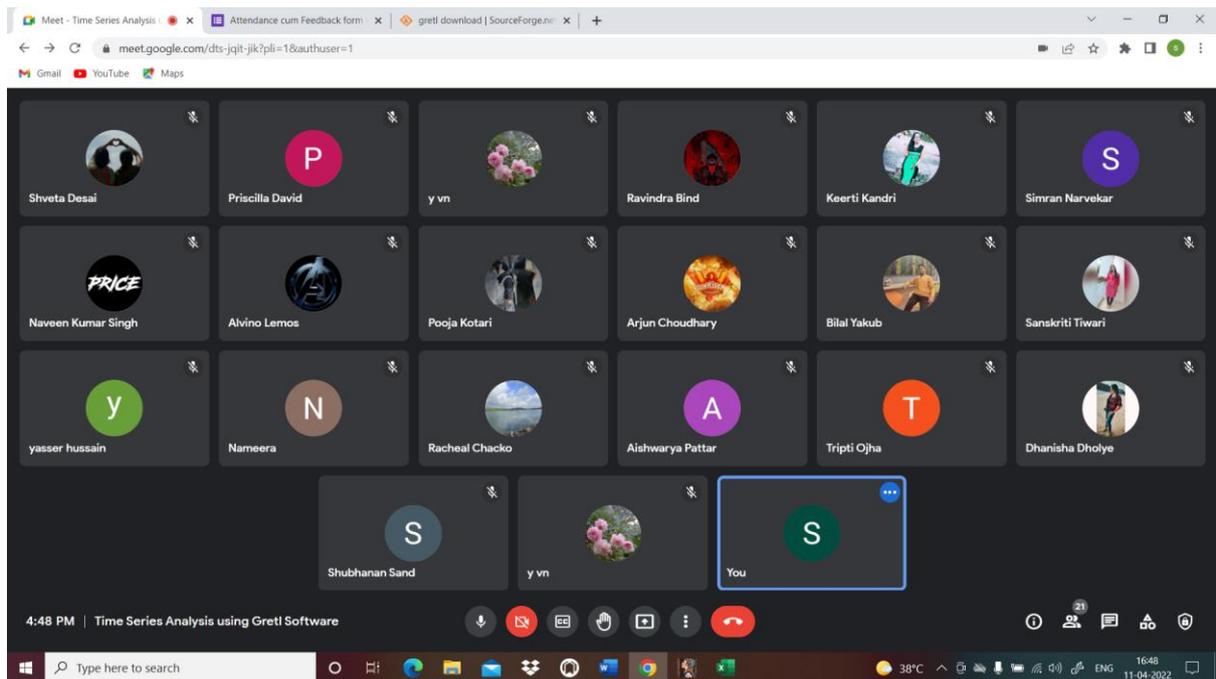
The Department of Mathematics and Statistics of M.E.S College of Arts and Commerce, Zuarinagar – Goa in collaboration with the IQAC of MES College of Arts and Commerce, Zuarinagar – Goa organized an online session on ‘**Time Series Analysis using Gretl software**’ on Monday, 11<sup>th</sup> April 2022 from 4:00p.m. to 5:00p.m. on Google meet platform for B.A/B.Com./B.B.A./B.B.A.(Shipping and Logistics)/B.C.A. students of MES College of Arts and Commerce, Zuarinagar-Goa. Ms. Shruti B. Nayak, Assistant Professor, Department of Mathematics and Statistics, M.E.S. College of Arts & Commerce, Zuarinagar, Goa was the resource person. All together 22 students attended the online session.



Assistant Prof. Ms. Shruti B. Nayak addressing the gathering



Participants of the session on 'Time Series Analysis using Gretl software'



Participants of the session on 'Time Series Analysis using Gretl software'

Ms. Shruti B. Nayak  
 Teacher In-charge  
 Department of Mathematics and Statistics

Dr. Manasvi M. Kamat  
 Principal