

Murgaon Education Society's Vasant Joshi College of Arts and Commerce, Zuarinagar -Goa
Department of Mathematics & Statistics
Annual Report
2025-26

Shruti Bhaskar Nayak

- 1) Presented a paper titled 'Consumer Behaviour Towards Green Products: A study of Perception and Purchase Intention' in the national conference on 'Global Synergies 2026: Navigating the intersections of Technology, Human Behaviour and Sustainable Development' organized by MES's Vasant Joshi College of Arts and Commerce in collaboration with IQAC, held on 1st April 2026.
- 2) Participated in the National Online Faculty Development programme on 'AI driven Innovative Teaching Approaches in Management studies and Social Sciences' from 6th to 13th October 2025 organized by Dempo AI Business School of DCT's Srinivassa Sinai Dempo College (Autonomous) Goa.
- 3) Participated in the workshop on 'Outcome Based Education: Measurement of Course Outcomes Attainment using MS Excel Template' organized by MES Management for Faculty Development and Teaching Learning Educational Technology Cell, OBE Committee & IQAC of Murgaon Education Society's Vasant Joshi College of Arts and Commerce, Zuarinagar- Goa on 14th August 2025.
- 4) Participated in the one day state level workshop on 'Numerical Analysis: Applications and Research Opportunities' organized by the Department of Mathematics and Statistics of Dnyanprassarak Mandal's College and Research Centre, Assagao, Bardez, Goa in association with the Directorate of Higher Education, Government of Goa on 17th January 2026.
- 5) Participated in the two days workshop on 'NEP and Innovative Teaching Methods in Mathematics' from 24th February 2026 and 25th February 2026 organized by Department of Mathematics, Rosary College of Commerce and Arts, Navelim, Salcete Goa in collaboration with the Directorate of Higher Education, Government of Goa.
- 6) Attended a webinar on 'DELNET: Resources and Services' organized by DELNET Developing Library Network, New Delhi with M.E.S. Vasant Joshi College of Arts and Commerce, Zuarinagar – Goa on 25th February 2026.
- 7) Participated in 7 days workshop on Traditional Knowledge – Intellectual property and People's Rights organized by Indian Knowledge System Division, Ministry of Education and CSIR- Traditional Knowledge Digital Library Unit, Ministry of Science and Technology from 20th April 2026 to 30th April 2026.

8) Completed following courses on the iGOT Karmayogi portal:

- Stress Management provided by the Department of Personnel and Training DoPT on 6th September 2025
- Developing Effective Soft Skills provided by the Central Reserve Police Force (CRPF) on 7th September 2025.
- Leave Rules provided by the Institute of Secretariat Training and Management on 7th September 2025.
- Stay Safe in Cyber Space provided by the Indian Cybercrime Coordination Centre - I4C on 7th September 2025.
- Microsoft Word Beginners provided by the Microsoft on 10th September 2025.
- Code of Conduct for Government Employees provided by the Institute of Secretariat Training and Management on 13th November 2025.
- Prevention of Sexual Harassment of Women at Workplace provided by the Institute of Secretariat Training and Management on 13th November 2025.
- Introduction to Leveraging AI and ChatGPT provided by the Invest India on 13th November 2025.
- Conduct Rules provided by the Institute of Secretariat Training and Management on 3rd February 2026.
- Common Yoga Protocol – Konkani provided by the Morarji Desai National Institute of Yoga(MDNIY) on 2nd February 2026.
- Time Management provided by the Institute of Secretariat Training and Management on 2nd February 2026.
- YUVA AI for all provided by India AI on 7th April 2026.
- Core Areas of Artificial Intelligence provided by IIT Madras on 7th April 2026.
- Deep Tech and India provided by Observer Research Foundation on 7th April 2026.

Student Achievement:

Ms. Farzeen Nazeer Zakati of B.C.A. Semester II participated in the one day state level workshop on “Numerical Analysis: Applications and Research Opportunities” organized by the Department of Mathematics and Statistics of Dnyanprassarak Mandal’s College and Research Centre, Assagao, Bardez, Goa in association with the Directorate of Higher Education, Government of Goa on 17th January 2026.

Student Enrichment Activity:

1) Poster Making Competition on the topic ‘Statistics in Everyday Life’:

As a part of celebration of 4th World Statistics day on 20/10/2025, Department of Mathematics & Statistics and AISHE Cell in collaboration with the IQAC organized a Poster Making Competition on the topic ‘Statistics in Everyday Life’ for the students of B.A/B.Com./B.C.A./B.B.A./B.B.A.(Shipping and Logistics)/M.Com. programmes of our college. The competition was held on 4th October 2025. The participants had to report on 4th October 2025 in room no. 31 at 11:45 am with their created posters. The above competition was a team event and the number of participants per team was two. All together 10 teams (20 Participants – 16 Females & 4 males) participated in the competition.

Judging criteria was as follows: Relevance to the topic, Creativity and Originality, Clarity of message & Visual appeal and overall impact. The competition was judged by Asst. Prof. Seltan Gomes and Asst. Prof. Sanjana Halarnkar. The following participants were declared as the winners of the poster making competition after judging:

| Place secured | Team No. | Name of the participant | Roll Number | Stream | Semester |
|-----------------------------|----------|-------------------------|-------------|--------|----------|
| 1 st | 5 | Khushi Sandip Narvekar | M-24-17 | B.B.A. | III |
| | | Sanket Toraskar | M-24-31 | B.B.A. | III |
| 2 nd | 7 | Manmohan Kushbaha | 2405024 | B.Com. | III |
| | | Giresh Harijan | 2405112 | B.Com. | III |
| Place secured | Team No. | Name of the participant | Roll Number | Stream | Semester |
| 3 rd | 4 | Ojasvi Carapurcar | 2505137 | B.Com. | I |
| | | Pancham Waghmare | 2505138 | B.Com. | I |
| 1 st Consolation | 8 | Srushti Tulaskar | 2405053 | B.Com. | III |
| | | Saniksha Kotkar | 2405042 | B.Com. | III |
| 2 nd Consolation | 1 | Dikshita Bhandari | 2405014 | B.Com. | I |
| | | Pavitra Laxman Rathod | 2405027 | B.Com. | I |

Prize distribution of the poster making competition was held on 07/10/2025. Principal, Dr. Manasvi M. Kamat presented the certificates to the winners. Overall, the poster making competition was a great success. Participants learnt the use of Statistics in everyday life. This poster making competition met Sustainable Development Goal 4- Quality Education.



Participants of the session



Winners of the session



Asst. Prof. Seltan Gomes and Asst. Prof. Sanjana Halamkar Judging competition
Prize Winning Posters



1st Place



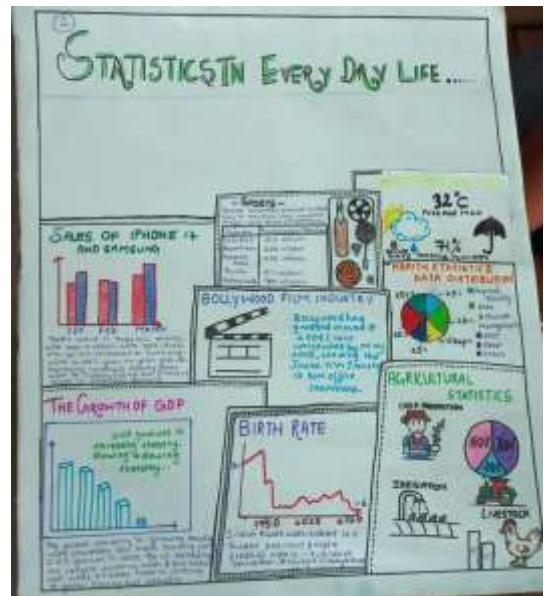
2nd Place



3rd Place



1st Consolation



2nd Consolation

2) Session on ‘Questionnaire Designing using Google Forms’

Department of Mathematics and Statistics, PTA in collaboration with the IQAC of M.E.S. Vasant Joshi College of Arts and Commerce, Zuarinagar – Goa organized a session on ‘Questionnaire Designing Using Google Forms’ on 2nd February 2026 from 11:35 a.m. to 12:35 p.m. in room no. 31 for B.A/B.Com./B.B.A./B.B.A.(Shipping and Logistics)/B.C.A./M.Com. students of MES Vasant Joshi College of Arts and Commerce, Zuarinagar-Goa. The Resource person for the session was Shri. Sanjiv K. Shirodkar, Associate Professor, Dept. of Commerce, M.E.S. Vasant Joshi College of Arts and Commerce, Zuarinagar – Goa. All together 56 students attended the session which included 22 females and 34 males. Overall The session on Questionnaire Design Using Google Forms was highly informative and practical. It successfully enhanced participants’ skills in designing digital questionnaires and using Google Forms for data collection and analysis. The session was well appreciated by the participants. At the end of the session following learning outcomes were met:

1. Students were able to design effective questionnaires for surveys
2. Students were able to use Google Forms for online data collection
3. Students understood how to export responses to Google Sheets for analysis



Shri. Sanjiv K. Shirodkar addressing the gathering



Participants of the session



Shri. Sanjiv K. Shirodkar addressing the gathering



Shri. Sanjiv K. Shirodkar addressing the gathering

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

Dr. Manasvi M. Kamat
Principal