



DEPARTMENT OF MATHEMATICS 2025- 26



Govt. V. Y. T. PG. Auto. College, Durg Mathematical Society Inaugural Function Report

Honorable Chief Guest Dr. Rajesh Pandey, Additional Director, Higher Education Chhattisgarh. Patron and Chief person of the function, our Principal Dr. A. K. Singh, Dr. Padmavati, Respected Professors and my dear friends.

Here I will aware you to the different functions & activities organized by the dept. in this session.

Mathematical Society is being formed in each session. It comprises of

1. Patron : Dr. A. K. Singh Principal of the college
2. President : Dr. Padmavati, Head of the Department
3. Professor in charge : Dr. Rakesh Tiwari and Dr. Prachi Singh
4. Secretary : Khushi Raikopande, M.Sc. III sem
5. Joint Secretary : Anjali Dewangan, M.Sc. II Sem
6. Executive body :

M. Sc. III Sem: Geetanjali, Aakanksha, Vikas, Renuka, Vaishali
M. Sc. I Sem: Sanjana Banchhor, Kajal Verma, Khushi Sarma, Durgesh Nandini

Treasure : One student each From M.Sc. Previous & Final

Head of Department

Principal

Established in 1968, three professors and five guest lecturer providing their services.

This department of college is established as a research centre in which Dr. Padmavati, Dr. Rakesh Tiwari and Dr. Prachi Singh are working as research guide. At present there are 16 research scholars, last year Mrs. Shashi Thakur has received the research degree PhD under the guidance of Dr. Tiwari sir and the research paper of Jainendra Srivas, Mrs. Nidhi Sharma, Rajesh Patel and Pratik Singh Thakur have been submitted.

Research work of ku. Iti Sao is going on SRF. In the session 2024-25, 27 research paper were published by the department in reputed International and National journals. Last year MOU was done with mathematics department of government BCS postgraduate college Dhamtari, Institute for excellence in higher education, Bhopal and Pt. Shyama Prasad Mukherjee PG college.

By Dr. Rakesh Tiwari of the Department on the occasion of National mathematical day last year:

- 1) Government post graduate college Kabirdham.
- 2) Government JST college Balaghat, Madhya Pradesh.
- 3) Invited lecture delivered at Prime Minister college of excellence Government Model Science College Rewa Madhya Pradesh.

Apart from this, a lecture on Pigeon hole principle was presented by Dr. Rakesh Tiwari in the regional workshop on Madhav Mathematics Computing at Government BCS Postgraduate college Dhamtari. This year the department organised the regional Mathematics Olympiad followed by the Indian National Mathematical Olympiad examination. This program is organised by Homi Bhabha, Centre for Science Education IIT Mumbai.

Last year, under the extension activity sponsored by RUSA by the department, 32 postgraduate students of Government Higher Secondary School Rudri and Saraswati Shishu Mandir, Rudri, under the leadership of Dr Prachi Singh and Ms. Ambalika Chauhan, provided guidance to the students and teachers of the school for developing awareness and interest in the subject of Mathematics.

In the education tour sponsored by RUSA, 9 Graduate Level Student of the college participated in the Madhav mathematics computing regional workshop held at Government BCS Post Graduate School, Dhamtari, under the leadership of Dr. Rakesh Tiwari and Mrs. Nidhi Sharma.

In the same sequence, an educational tour of 34 postgraduate students and professors to NIT Raipur regional Science Centre Raipur and Energy Park was completed under the leadership of Dr. Rakesh Tiwari and Miss Deepak Dehre. At present, the proposal for MOU with the department of Mathematics, NIT Raipur is pending.

Last year, 31 students were taken to Bhubaneswar and Puri on an education tour by Dr. Prachi and Miss Ambalika Chauhan in the department. The students especially visited the Regional Science Institute, Mathematics Gallery was the main attraction in the tour.

The centre of attraction was that here the rules of mathematics were explained through models. The students of the department organised International Women's Day this month Miss Seema Sinha, who is alumna of the department and is working in an NGO against atrocities on women, was invited as the chief guest.

Under the teaching and learning fund of RUSA, 13 guest lectures were organised by the department. In which Dr. Rajesh Pawale from Mumbai University, Dr. Sunil from Amarkantak University, research student from ISER Mr. Hitendra Kumar guided the undergraduate and postgraduate students.

This year Shraddha Yadav got first place on 800 meter race and second place in 400 meter race in the inter-college sports competition.

Under the Poshak Vidhyalaya Sampark Abhiyan of the Chhattisgarh government, the guest lecturers of the department Mrs. Nidhi Sharma, Kumari Bijma and Kumari Ambalika Chauhan motivated the students of Swami Atmanand Vidyalaya Deepak Nagar, Durg to take admission in the Government. Vishwanath Yadav Tamaskar Post Graduate Swasashi Mahavidyalaya, Durg next year. Under the best practice, the department publishes Dr. Radhakrishnan Library and the magazine Ganit Suman every year. Dr. Prachi Singh of the department successfully participated in the FDP(Designing, Developing and Delivering MOOCs) organised in the college.

→ This year Dally Sahu was selected for one month internship in Bhilai IIT