

### **State Label Webinar**

1. Name of Department: ZOOLOGY
2. Event: WEBINAR
3. Date : 27.12.2022
4. Title of the Topic: Drugs associated Haemolysis in people with G6PD (Google Meet)
5. Name and Designation of the Resource Person: Mrs. Rajlaxmi Mohanty, Lect. In Zoology, Govt. Women's College, Keonjhar
6. [Email-rajlaxmimohanty@yahoo.in](mailto:Email-rajlaxmimohanty@yahoo.in)
7. Abstract of the Topic: Glucose 6 phosphate dehydrogenase (G6PD) deficiency is one of the most common human enzyme deficiency in the world. G6PD is a very important enzyme that catalyses the 1<sup>st</sup> step in the pentose phosphate pathway to produce NADPH, this reductant useful in many biosynthetic pathways also protects the cells from the oxidative damage caused by hydrogen peroxide and super oxide free radicals. These are highly reactive oxidants generated as metabolic by products through the action of drugs such as primaquine. In G6PD deficiency, the red blood cells are unable to regenerate NADPH. So detoxification of hydrogen peroxide is inhibited, cellular damage results lipid peroxidation leading to breakdown of erythrocytic membrane and hence haemolysis.
8. Any other Remarks: The Department of zoology organized a Webinar on 27/12/2022 through Google Meet. The webinar Drugs associated Haemolysis in people with G6PD was convened by Mrs Manjushree Swain, HOD in Zoology. Mrs. Rajlaxmi Mohanty, Lecturer in Zoology, Govt Women's College keonjhar acted as the keynote speaker. She spoke at length on the subject of Drugs associated Haemolysis in people with G6PD. The esteemed principal Dr. Pramilarani Behera delivered the welcome address, while the Ranjit Das Lecturer in Zoology delivered the vote of thanks. The webinar was well attended by the students and staff members of Tulasi Women's College and other nearby colleges.

9. Photos of the events: Attached here-with.

**A WEBINAR  
ON  
DRUG ASSOCIATED HAEMOLYSIS IN PEOPLE WITH G6PD DEFICIENCY**



Dr. Pramilarani Behera  
Principal



Mrs. Rajlaxmi Mohanty,  
Lect. In Zoology,  
Govt. Women's College,  
Keonjhar  
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Resource Person



Dr. Mathuri Charan Nayak  
Co-ordinator, IQAC



Mrs. Manjushree Swain  
Reader in Zoology  
Convener



Mr. Ranjit Das  
Lecturer in Zoology  
Co-convenor

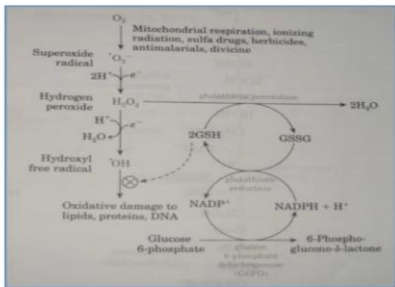


Ms. Payal Preetilipsa Parida  
Lecturer in Zoology  
Co-convenor


**Department of Zoology  
Tulasi women's college, kendrapara**

Date: 27-12-2022    Time: 12.30p.m    VENU: GOOGLE MEET


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Prajna paramita is presenting 🔊 🗨




Subhalaxmi




Dr. Pramil...



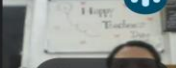
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You



Manjushr...



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