

OLSEH Newsletter

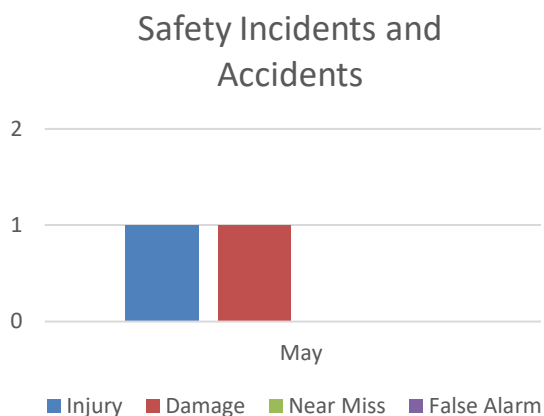
MAY 2024

Rakshith Kumar, EHS Officer

OFFICE OF LABORATORY SAFETY AND ENVIRONMENTAL HEALTH | INDIAN INSTITUTE OF
SCIENCE

SAFETY INCIDENTS & ACCIDENTS

Two incidents were reported in the month.

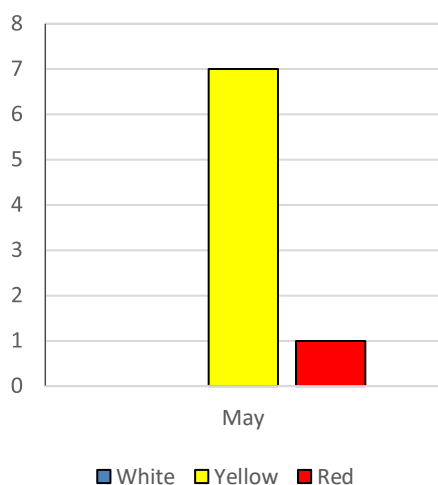


Incident	Cause	OLSEH recommendation
Needle prick in the hand of student	The student was taking out bone marrow from uninfected mouse bone with the help of a syringe. The bone of the mice was a little tricky, and he forcefully tried to inject the syringes, so the needle slipped and pricked in his hand.	Students or researchers must take training from a veterinarian to safely inject animals.
The plastic beaker melted on the shaker	The plastic beaker was kept on a magnetic shaker with the sample at 30°C.	The plastic containers/beakers should not be used to heat any materials.

*Images are AI-generated.

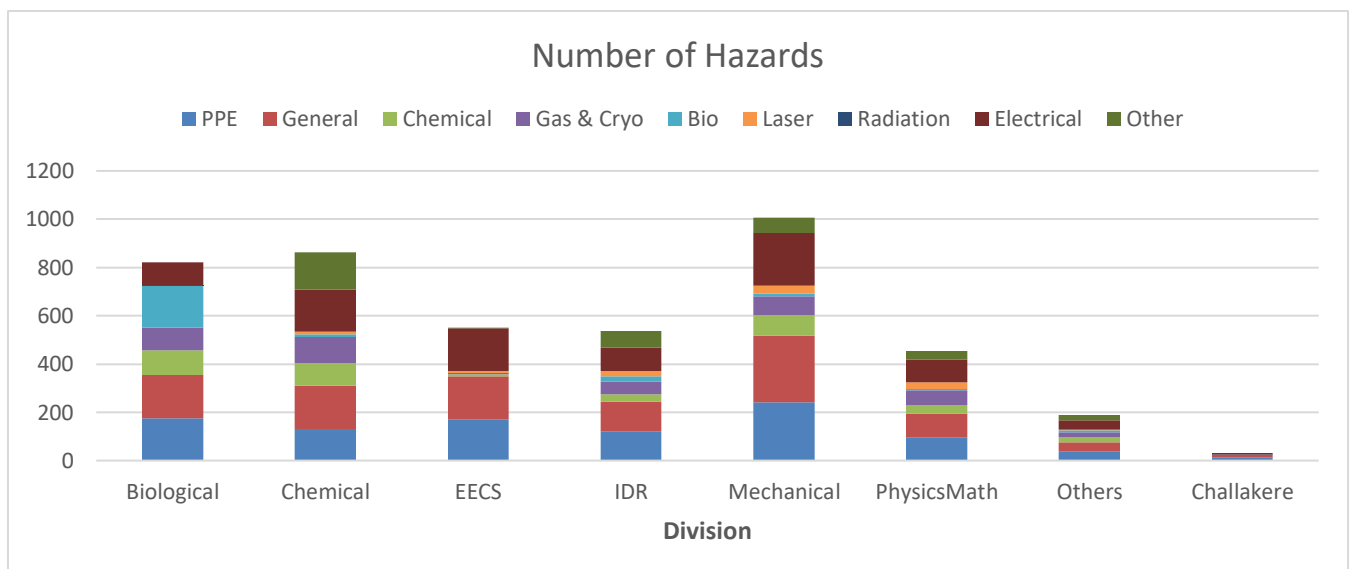
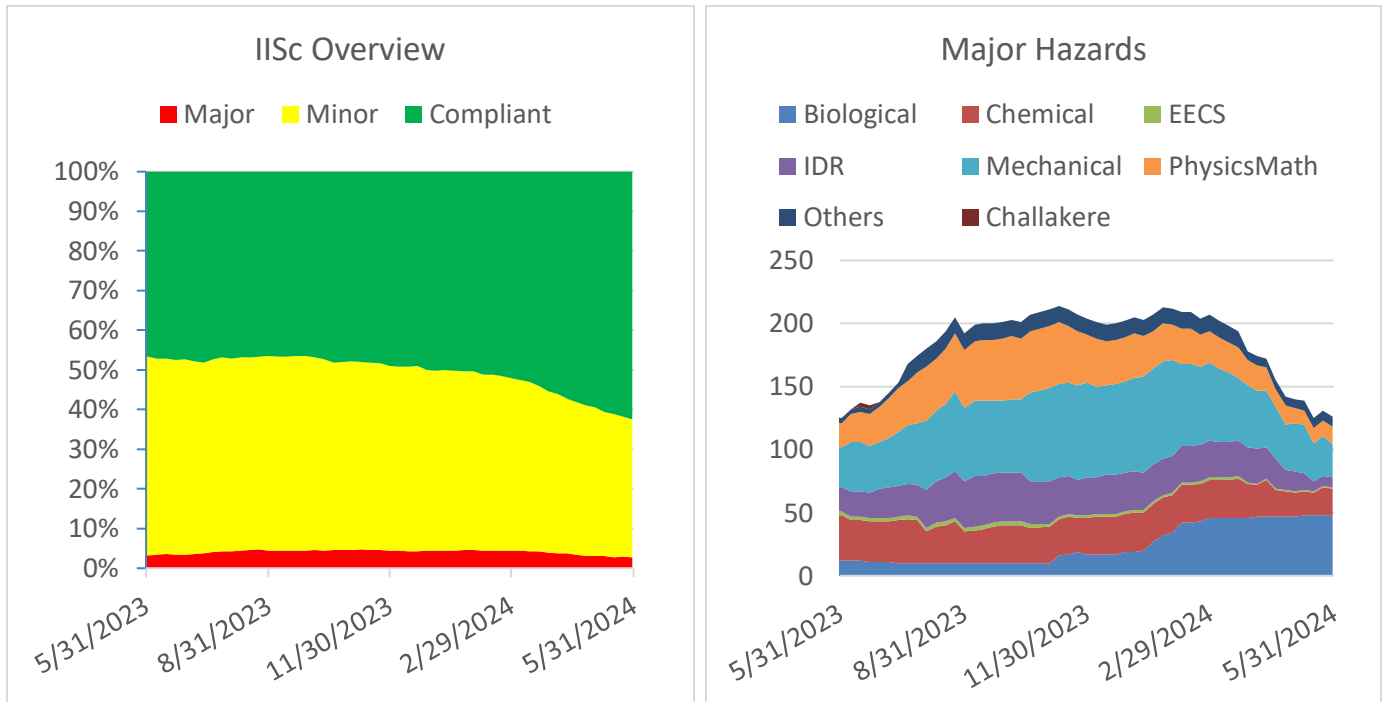
NOTICES ISSUED FOR SAFETY VIOLATIONS

Seven yellow notices and one red notice were issued.

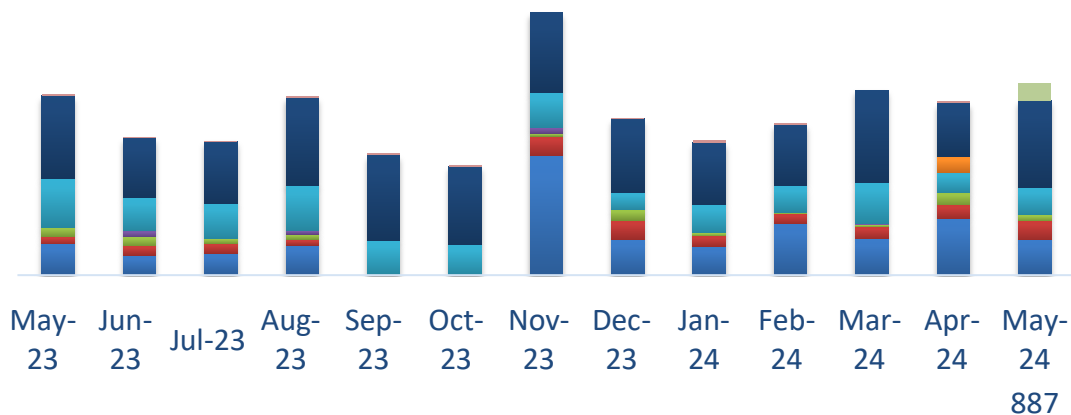


	Reason	OLSEH recommendation
1.	Unchained compressed gas cylinders inside the lab or gas cabinet.	All gas cylinders need to be chained as per the standards. The chain must either be half height or two chains at 1/3 and 2/3 height. (refer - https://olseh.iisc.ac.in/specialised-lab-safety/gas-and-cryogenic-safety/)
2.	For not addressing the recommendations of the lab safety audit report	If the violation is not remedied within the timeframe, OLSEH will send a yellow notice to the responsible PI or faculty for immediate action. For severe violations requiring immediate remedial action, the OLSEH office may directly issue a yellow or red notice.

LAB STATUS TRENDLINE



WASTE DISPOSAL



	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24
Battery													887
Rad-Wastes	100	35	40	60	100	80	0	35	110	80	0	80	0
Animal Waste	4247	3052	3156	4513	4348	4011	4097	3743	3150	3145	4716	2725	4474
Waste oil	0	0	0	0	0	0	0					800	
Bio	2473	1700	1785	2293	1787	1550	1760	906	1460	1345	2116	1056	1372
Unknown	0	300	0	205	0	0	300	0	0		60	0	0
Toxic	485	447	266	268	0	0	150	526	155	86	80	625	315
Solid	380	487	497	283	0	0	970	986	535	494	615	687	954
Solvent	1595	1024	1126	1538	0	0	6138	1830	1475	2639	1872	2900	1820

TRAININGS

BASIC LIFE SUPPORT TRAINING

OLSEH conducts monthly Basic Life Support Training (CPR & First Aid). Certificates are provided (soft copy). The schedule is communicated in the Campus Bulletin.



FIREFIGHTING TRAINING FOR SECURITY STAFF.



REGULAR MOCK FIRE DRILLS FOR DEPARTMENTS

