

OLSEH Newsletter

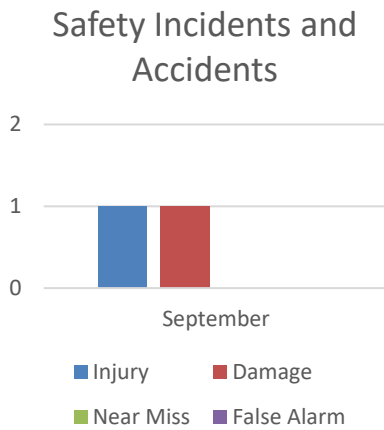
SEPTEMBER 2024

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.

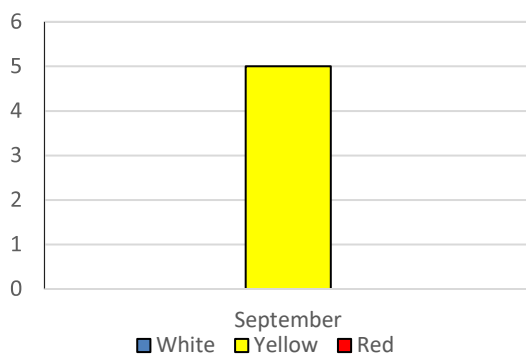


Incident	Cause	OLSEH recommendation
Frostnip while handling an - 80 degree refrigerator	While the student was trying to get protein samples from the top shelf of the -80°C fridge, he suffered an injury due to frostbite.	As the Deep freezer doesn't defrost automatically, it is suggested defrosting the deep freezer regularly.
UPS Room exhaust fan caught fire	The fan was running continuously without any break	Machinery with rotating parts must need some frequent breaks

*Images are AI-generated.

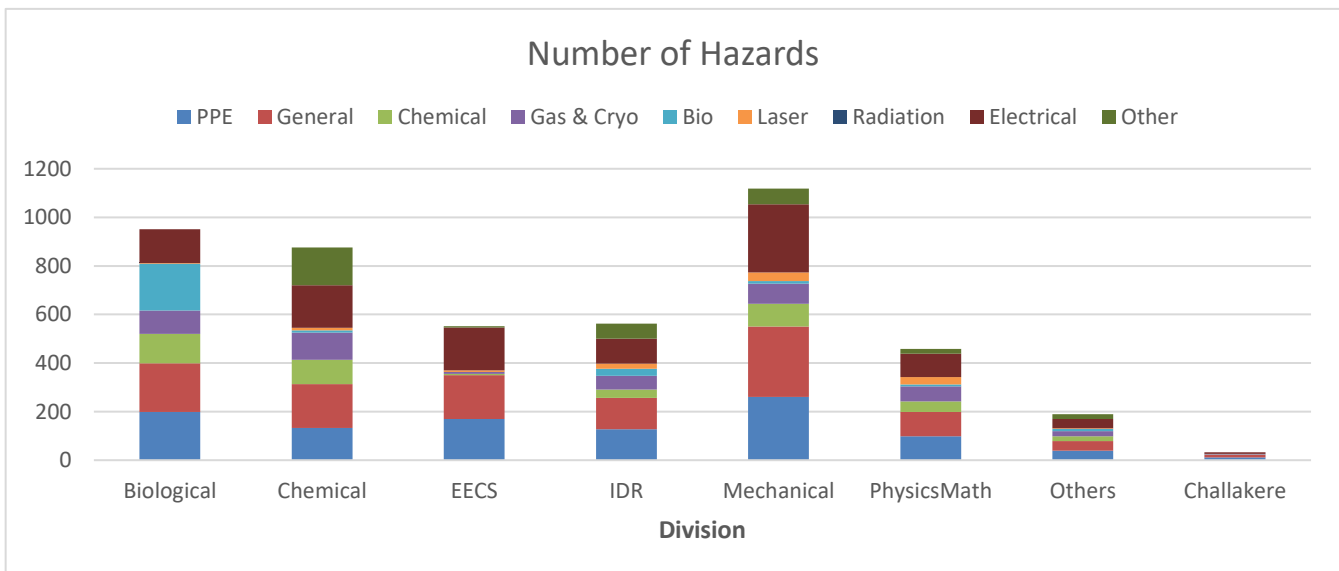
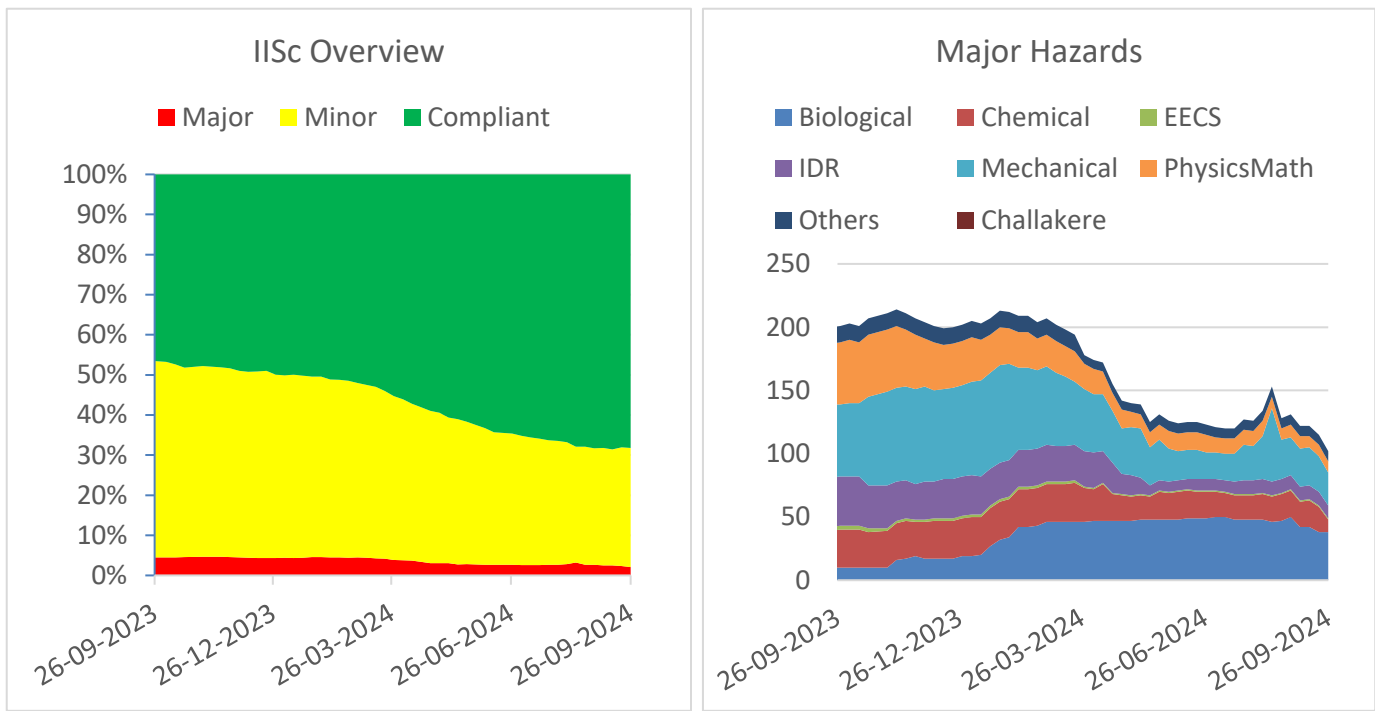
NOTICES ISSUED FOR SAFETY VIOLATIONS

Five yellow notices were issued.

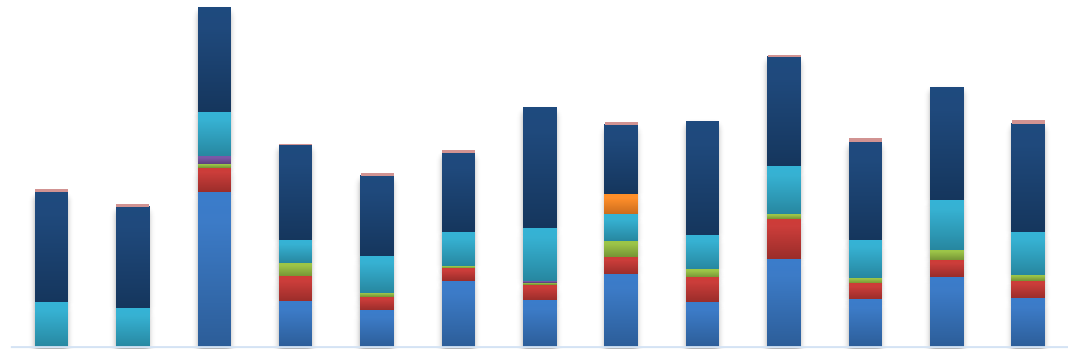


	Reason	OLSEH recommendation
1.	For not addressing the recommendations of the lab safety audit report	If the violation is not remedied within the timeframe, OLSEH will send a yellow notice to the responsible PI or faculty for immediate action. For severe violations requiring immediate remedial action, the OLSEH office may directly issue a yellow or red notice.
2.	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.
3.	PPE and fume hood safety violation	Proper PPE usage and hood safety protocols are strictly followed.

LAB STATUS TRENDLINE



WASTE DISPOSAL



	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24
Rad-Wastes	100	80	0	35	110	80	0	80	0	40	120	0	120
Animal Waste	4348	4011	4097	3743	3150	3145	4716	2725	4474	4311	3873	4430	4283
Waste oil	0	0	0	0	0	0	0	800	0	0	0	0	0
Bio	1787	1550	1760	906	1460	1345	2116	1056	1372	1894	1500	1981	1701
Unknown	0	0	300	0	0	0	60	0	0	0	0	0	0
Toxic	0	0	150	526	155	86	80	625	315	180	216	409	225
Solid	0	0	970	986	535	494	615	687	954	1567	625	645	696
Solvent	0	0	6138	1830	1475	2639	1872	2900	1820	3520	1916	2810	1950

Disposed of two inert gas cylinders in September

TRAINING

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

