

# Central Railway



## Electric Locomotive Workshop, Bhusawal



**Wel-Come**

## Schedule Activities -

### ➤ POH: Conventional & 3-Phase Locos

The nominated POH Capacity of the Shop is 126 locos in terms of WAM-4 type Loco. At ELW/BSL all classes of Electric Locos such as Conventional Locos (WAP-4, WAG-7, WAG-5 etc) and the state of the art 3-Phase Locos (WAP-7, WAG-9 and WAP-5) are POHed. The power and control electronics of 3-Phase Locos is highly sophisticated and unique feature of these Locos is the inherent regenerative braking which results in savings of electric energy.



3-Phase



Conventional

### ➤ POH+RC: Conventional Locos

The workshop also carries out Re-cabing in Conventional Locos which have rendered 18 years of service since codal life of cables is 18 years. During Re-cabing all Power and Control cables of Locomotive are replaced with new.



### ➤ Conversion from DC-AC to 6P AC

Special assignments such as conversion of WCAM-2 DC/AC loco into 6P AC Loco has been assigned to ELW/BSL and all 20nos WCAM-2 Locos have been successfully converted. Now conversion work of WCAM-3 & WCAG-1 Loco is being carried out.



➤ **OHE Inspection Cars (Tower Wagons)**

OHE Inspection Cars, commonly known as Tower Wagons, are a vital piece of equipment for breakdown attention and also for preventive maintenance. The Tower Wagons were introduced in the system in late 1980s and over the decades, the Tower Wagons need POH owing to wear and tear of their rotating parts and corrosion of shell. Despite ever increasing workload, ELW/BSL took up the work of POH of Tower Wagons since 2012.

