


SPECIFICATIONS FOR FACULTY CHAIR

1. Providing and placing in position High Back Chair.
2. The seat shall be made up of 1.2 +/- 0.1 cm thick hot-pressed plywood & upholstered with synthetic leather and moulded polyurethane foam.
3. The dimensions of the seat should be approx. 49.0 cm (W) x 51.4 (D) and that of the back should be approx. 51.8 cm (W) x 75.2cm (H).
4. High Resilience (HR) polyurethane foam should be used in making seat & back which shall be moulded with density 45 +/- 2 kg/m³ and hardness load 16+/- 2 kg as per IS: 7888 for 25% compression.
5. The adjustable armrests are designed with up-down adjustment in 8 steps (8.0+/-0.5 range).
6. The height adjustable armrest structure is chrome plated and fitted with PU moulded over a metal insert fixed armrest top.
7. The mechanism of the chair shall have the following features: 360° revolving type, Single point control, Tilt tension adjustment, 4 positions locking with the antishock feature, seat back tilt ratio 1:2, the front pivot for a tilt with feet resting on the ground ensuring more comfort.
8. The Back can be adjusted in 5 positions manually. Back can be adjustable up down manually also set slide feature should be in the chair
9. Stroke of height adjustable spine is around 7 cm.
10. The chair shall be provided with pneumatic height adjustment which shall have a stroke of 10.0 +/- 0.3 cm.
11. The pedestal is High-Pressure Die-cast polished Aluminum and fitted with 5 nos. twin wheel castors. The pedestal is 65.0 ± 0.5cm. Pitch-center dia. (75.0 ± 1.0cm. With castors).
12. The twin wheel castors are injection moulded in black PP.
13. Seat can be slide horizontally as per user convenience. The stroke of the seat slide is 5 cm.
14. Overall dimensions of Chair shall be, Width of Chair - 67.5cm approx, Depth of Chair - 67.5 cm approx. as measured from pedestal below.
15. Height from the ground - min 102.0 to max 119.0cm. Seat height - min 45.0 to max 55.0cm.



16. Product should carry the UL Green guard certificate and should reflect on the website for validation, the certificate along with the test report, OEM specification sheet and reference image to be attached to the technical bid. Which could be verified at the time of the technical bid.
17. The manufacturer shall have quality and safety assurance like ISO-9001:2015, ISO-14001:2015 and ISO-18001:2007, ISO13485, BIFMA Level at least one product reflecting on the website, AIOTA, and UL green guard certification.

