

Study on Office Workstation with Respect to Physical Environmental Parameters

D.T. Khogare*, H.L. Sarambekar and V.S. Manvar*****

****Department of Home Science, Rajaram College, Kolhapur, Maharashtra, India
Mobile: 09370006598, E-mail: dadasaheb_2006@yahoo00.com***

*****Department of Family Resource Management, College of Home Science,
Marathwada Agricultural University, Parbhani, Maharashtra, India
Mobile: 09422113075, E-mail: sarmhema@yahoo.co.in***

****** Agricultural Technology Information Centre (ATIC),
Marathwada Agricultural University, Parbhani, Maharashtra, India
Mobile: 9860339300, E-mail: manvarvs@rediffmail.com***

KEYWORDS Light Fixtures. Workstation. Window. Door

ABSTRACT The physical environment in office is a combination of door, window, area of workstation, placement of light fixtures etc. When physical environmental parameters are provided to office workers with respect to their needs, they are satisfied about it. When office workers get comfortable physical environment, it enhances their productivity and efficiency. Present investigation is undertaken with an objective to study the physical environmental parameters at office workstations. Present investigation is undertaken in Parbhani city of Maharashtra state during the year 2008-2009. Looking into the advantages of questionnaire and interview schedule, both methods were implemented for the collection of data. It can be concluded that in case of windows 50.4 per cent rooms had two windows of 3.5'x4', 40 per cent rooms had three windows of 3'x3.5' while 9.6 per cent rooms were having four windows of 3'x4'. Concerning orientation of the openings, it is observed that 37.6 per cent rooms were having opening on the east side, 2.4 per cent, rooms were having opening on the west side, 24.8 per cent, rooms were having opening on the north side and 35.2 per cent were having opening on the south side. It was noted that bigger room sizes were shared by two (15'x10'), four (18'x20') and 6 to 7 (20'x22') members respectively, while the room of 8'x12' were occupied by single persons.