

## An Analytic Study into Indoor Climate of the Girls' Colleges

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**ABSTRACT** The physical environment of the classroom is an important determinant of learner's comfort possibly affecting his work performance and mental efficiency. The present study was conducted with the objective to study the indoor climate of selected Indian classrooms and their subjective assessment by the female student population. A total sample of 10 colleges was selected for this study. Two classrooms from each college, making a total of 20 classrooms were selected. Five users from each classroom were taken making a total of 100 users for the subjective assessment of various comfort parameters and subjective assessment was also made by self observation of these parameters. The study was conducted with the help of an interview schedule. An environmental kit was used to measure various environmental parameters of the selected classrooms. The indoor comfort level in the selected classrooms was not appropriate as desirable for effective learning. The classrooms were either too warm or too cold. The temperature was not conducive for studies. The lighting was also not sufficient in intensity in the classrooms to facilitate easy reading and writing without eye pain and strain. Classrooms were not completely isolated from each other. The mean scores for subjective assessment of wind speed, temperature in summers and winters, humidity, lighting and noise level were 1.55, 1.41, 1.47, 1.89, 2.14, 1.49 and 2.16 respectively.