

# Goal Programming Approach for Resource Allocation in Library

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## ABSTRACT

The allocation of an academic library's acquisitions funds should contribute to the achievement of the library's goals and objectives. Generally, in India, university libraries allocate funds to all teaching departments separately and every year librarian calls the estimated expenditure for a particular session from each department in the beginning of the year. Each department decides by themselves which books and journals to be purchased and what to cancel on the basis of funds availability. For the complete development of library facilities, every librarian/ library management should use optimum allocation method for the distribution of scared fund to different subjects under so many conflicting and incommensurate goal constraints. A weighted Goal Programming technique offers an appropriate allocation methodology for determining an optimal solution with conflicting goals. A numerical example is discussed for illustration.

**Key Words:** Academic library, Resource allocation, library acquisition/management, Weighted Goal Programming Technique.