

# AN INTEGRATED APPROACH OF ANALYTIC NETWORK PROCESS AND GOAL PROGRAMMING MODEL FOR EFFECTIVE USAGE OF RESOURCES IN THE HIGHER EDUCATION

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Effective usage of resources is required in universities also as in all public institutions. Therefore, the right decisions must be made to use of budget resource in higher education department. University departments provide fund for conference participation demand of academicians. However, it is not possible to respond to the demands of all the academicians. Therefore, it is necessary selection by way of given priorities academicians' demands. In this point, multicriteria decision making techniques and optimization techniques come to the forefront. In this study, analytic network process (ANP), multiple-criteria decision making model is used in the study to assist in the selection of demands proposals. Then it is used goal programming (GP) model under the specific constrain to selection among these academic demands. Finally, the most suitable and most beneficial demands are selected for university among activity.