Study of the Problems
faced by new Engineering Colleges
using a FCM Model

W.B.Vasantha Kandasamy
Department of Mathematics
Indian Institute of Technology
Chennai – 600 036

Praveen Prakash
Department of Mathematics
Gurunanak College
Chennai – 600 042

Abstract:

Dailies publish that there are over 20,000 engineering seats, which remain unfilled. The Technical colleges try their level best to attract the students for admission, yet the wave of the day is changed preference to courses like B.Com and science degrees are more; one of the reasons is poverty. Also several of the students from poor economic status made it public by saying that their economy was the only hazard for not joining the college. They say even if they join now they are not sure whether they will be able to pay the burden of fees for four years. On the other hand we met the owners of a few of the newly sanctioned colleges. They say with pain the amount they have spent not only on the infrastructure but also the amount and energy they have spent on approval. Yet they now face a big problem, for over 50% to 70% of the seats remain unfilled. We use FCM to analyze them taking view of several problems faced by them and derive conclusions based on our study.