SCOPE FOR FUTURE WORK

As an extension of the work carried out, the following areas are identified to be promising:

- Various other agro industrial wastes can also be tried as an effective substrate for xanthan production
- Use of different substrates in combination may have a beneficial effect
- Fed-batch and continuous studies can be developed for an efficient production of xanthan
- Xanthan production capacity of the strain by solid state fermentation could be checked
- The metabolic pathway can be altered for better xanthan yield
- For cost effectiveness, an alternative xanthan recovery process could be developed.