

## TISSUE CULTURE PROGRAMME

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### ABSTRACT :

The scientists involved in tissue culture research at various national research organizations, and one private sector organization met at IFS to have interactions with each other. Practically all were in the opinion that they will be fully occupied at their own organization engaged in developing protocol for the mass production of their specific crops. They felt that fundamental research which would have a significant impact on their technology have to be carried out at IFS, using the sophisticated equipment that is going to be available. Once the laboratories are set up, they wished to be associated with the research activities at IFS.

During the past year research was carried out on the proliferation of Papaya and Mango tissue in vitro. Shoot proliferation and rooting of proliferated. Papaya tissue were carried out successfully, obtaining as much as ten to twelve fold proliferation of shoots in four weeks. Fundamental research aimed at understanding somatic embryogenesis will be carried out during the year that just started.