

WATER RESOURCES ENGINEERING SECTION

The post graduate course in Water resources Engineering is established in 1995. The section has well trained and experienced full time professors who impart the technical knowledge of Water Resources Engineering to the UG and PG students of the department. The section has produced not only UG and PG students but also number of Doctoral students who are well placed in academics, government organization and some are practicing as consultants.

The section has well equipped UG and PG laboratories to carry out experimental research work apart from UG and PG practical's. The post graduate course in Water Resources Engineering is framed to meet present and future challenges to Water Resources. In the era of computers, applications of number of software's in solving complex water resources problems are included in the syllabi. Applications of HEC-RAS, MIKE, LINGO, WIN QIP, Storm CAD, ERDAS, ARC GIS etc. are part of the learning process. The students get opportunity to take up field related problems during their professional project studies. Their communication skill and presentation ability is developed through inclusion of seminar and graduate reports in the course of study. During their dissertation work students get chance to carry out in depth study of specific Water Resources related topic. The site visits and expert lectures organized from time to time is an integral part of the study. Many part time and full time research scholars are pursuing research in the section.

The section is also actively involved in a number of research projects sanctioned through organization like DST, AICTE, ISRO etc. The section offers consultancy services to many government and private organizations in various fields. The faculty members also have good number of publications in International and National Journals and authored few books. The section organizes national conferences, workshops and short term training programmes regularly. The course curriculum is revised regularly by conducting workshops wherein experts from IITs, NITs, Government Organizations like SSNL, CWC, Irrigation Engineering Department share their valuable opinion.

Overall, the course is framed to meet with present day requirements and future challenges to be faced by Water Resources Engineers.