

SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)  
In Orbit - Postgraduate Space Education (4)

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## REMOTE SENSING EDUCATION AND CAPACITY BUILDING IN INDIA

**Abstract**

India has effectively developed space technology and has applied in various fields of natural resources, agriculture, forestry, range management, geology, water resources and infrastructure mapping in urban environment disaster management and environmental studies successfully. Today India is offering a variety of space services globally. To promote remote sensing among the students numbers of efforts have been made by the Universities and research institutions and Department of Space, Govt. of India. . Remote Sensing has been introduced as part of Science/Engineering/ Agriculture Curriculum in about 125 Departments coming under 75 Indian Universities. Remote sensing has been introduced as part of NCERT Geography Books of Senior Secondary level and Science Book of Higher Secondary level. Remote Sensing has been introduced as part of 10th standard Geography, Physics book of many state government syllabuses. The UGC, AICTE and DST have funded several Universities and Engineering Institutions for remote sensing projects and establishment of remote sensing laboratory facilities. State Remote Sensing Application Centers apart from other training institutions also conduct training programs on need and request basis. The present paper review the courses and training programs carried out by various organizations , intuitions and Universities in India.