

## **APPENDIX - F**

### **PAPERS PUBLISHED / TO BE PUBLISHED**

The following papers, from this investigations have been prepared during the course of this study.

- (1) I.I.Pandya, "New Trends in Construction Technology Using fibres in concrete for control of crack width" 80 th session of Indian Science Congress, Engineering section. Goa January 1993 pp. 67-72.
- (2) I.I.Pandya, R.H.Shah and S.K.Damle, " Behaviour of Partially Fibrous Concrete Moderate Deep Beams". International Conference on Fibre Reinforced Structural Plastics in Civil Engineering, Indian Institute of Techonology, Madras December 18-20 1995.
- (3) I.I.Pandya, R.H.Shah and S.K.Damle, " Flexural Behaviour of Partially Fibrous Concrete Moderate Deep Beams". Abstract no. 17 is accepted, Full paper is communicated for publication in 3rd Asia Pacific Conference on Structural Engineers and Construction (APSEC 96) 17-19 June 1996. Malaysia.
- (4) I.I.Pandya, R.H.Shah and S.K.Damle, " Shear strength of Partially Fibrous Concrete Deep Beams". Abstract no. 18 is accepted, Full paper is communicated for publication in 3rd Asia Pacific Conference on Structural Engineers and Construction (APSEC 96) 17-19 June 1996. Malaysia.

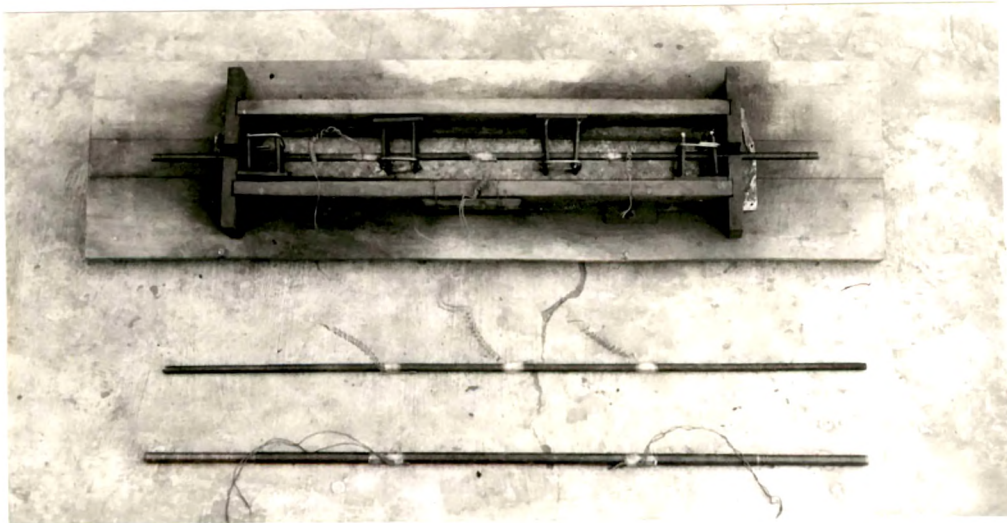
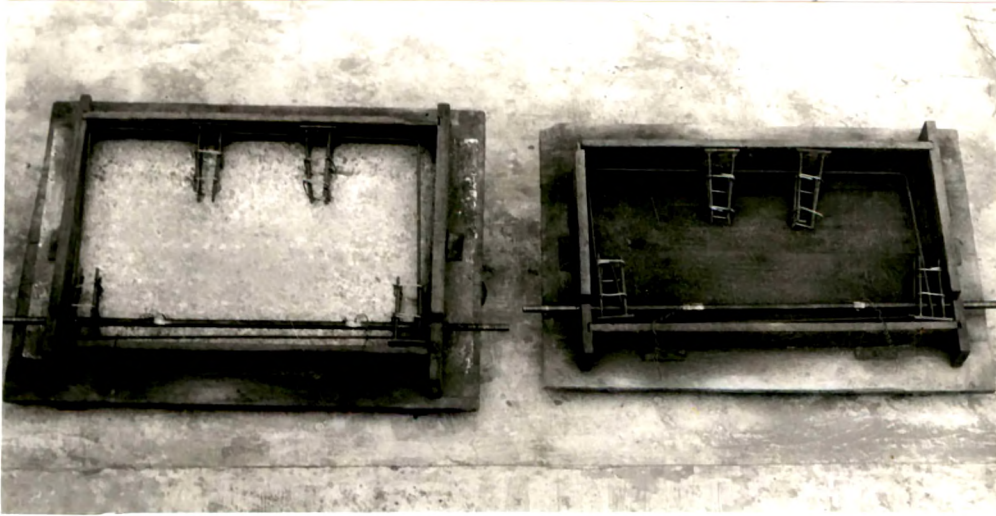


PLATE : 1 REINFORCEMENT WITH MOULD AND ELECTRICAL STRAIN GAUGES AND ANCHORAGES

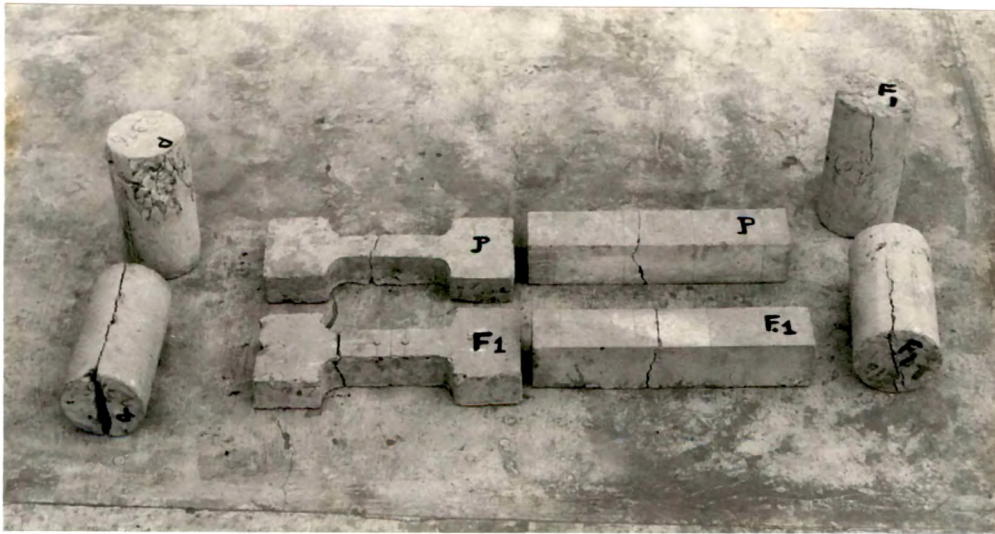


PLATE : 2 TESTED CONTROL SPECIMENS

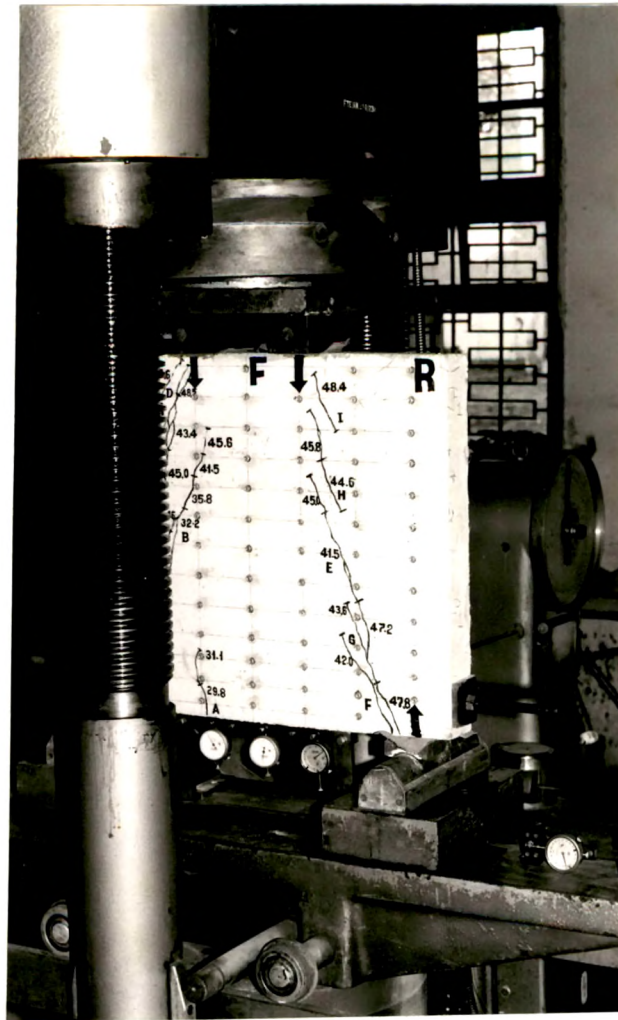


PLATE : 3      LOADING ARRANGEMENT WITH MEASURING INSTRUMENTS



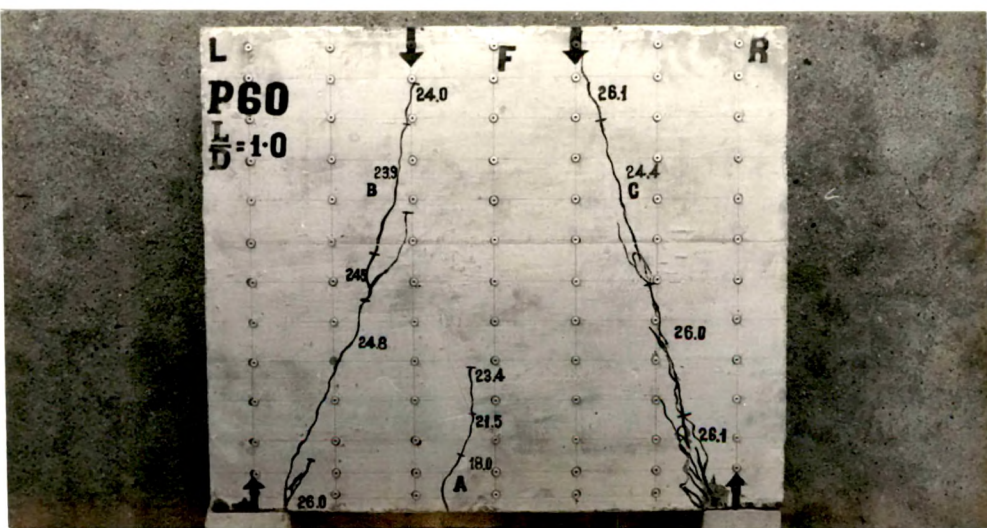
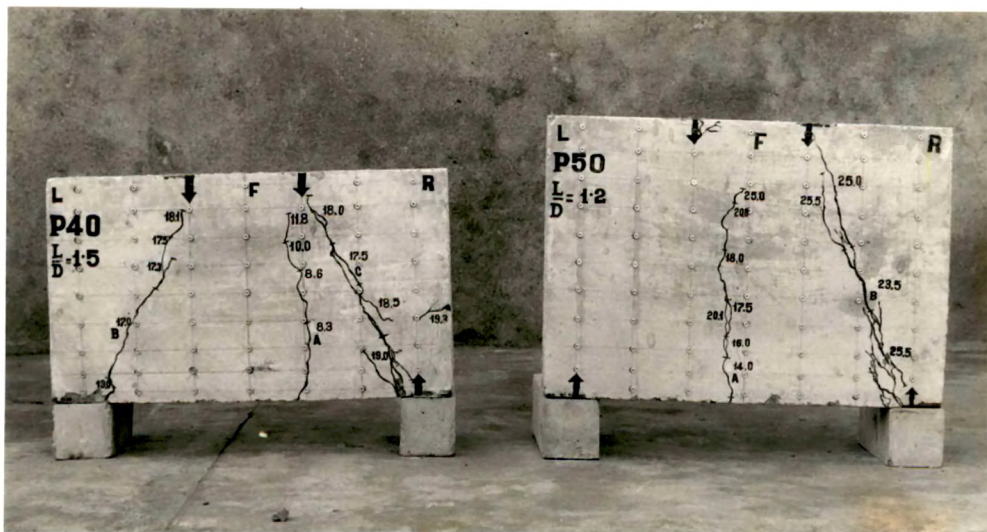
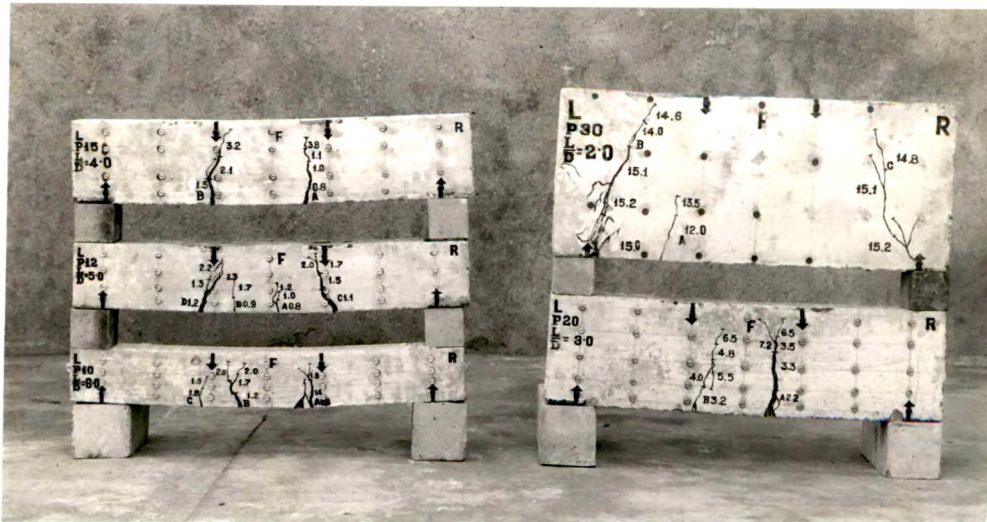


PLATE : 4 BEAMS OF PLAIN SERIES AFTER FAILURE



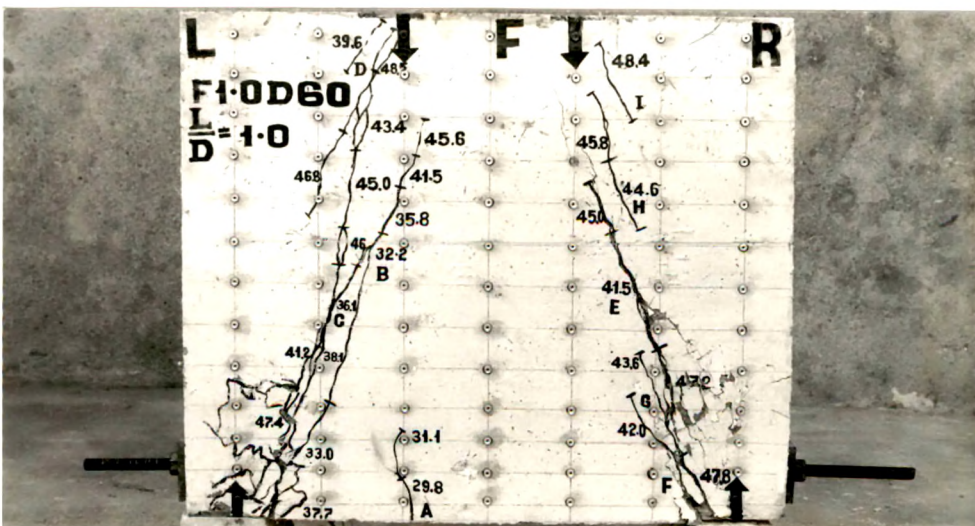
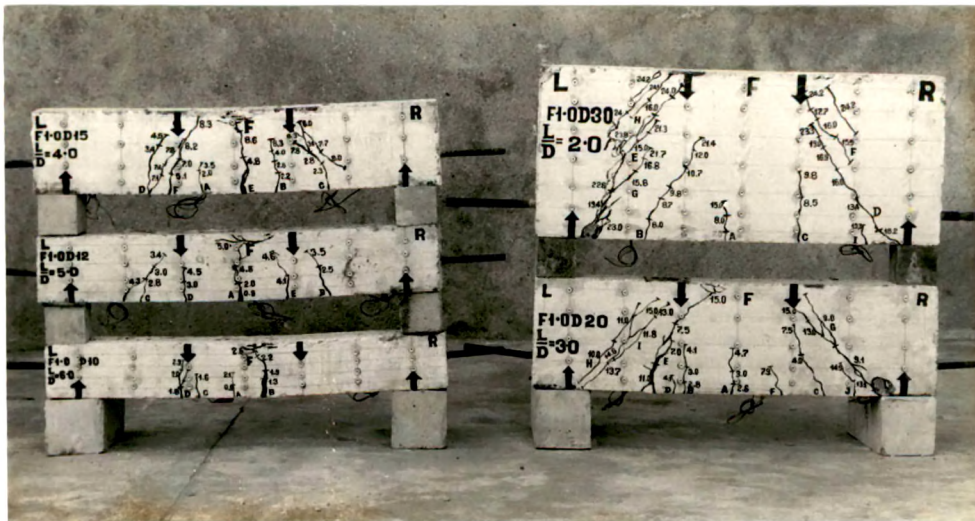


PLATE : 5 BEAMS OF 1% FULL DEPTH FIBRE CONDITION  
AFTER FAILURE



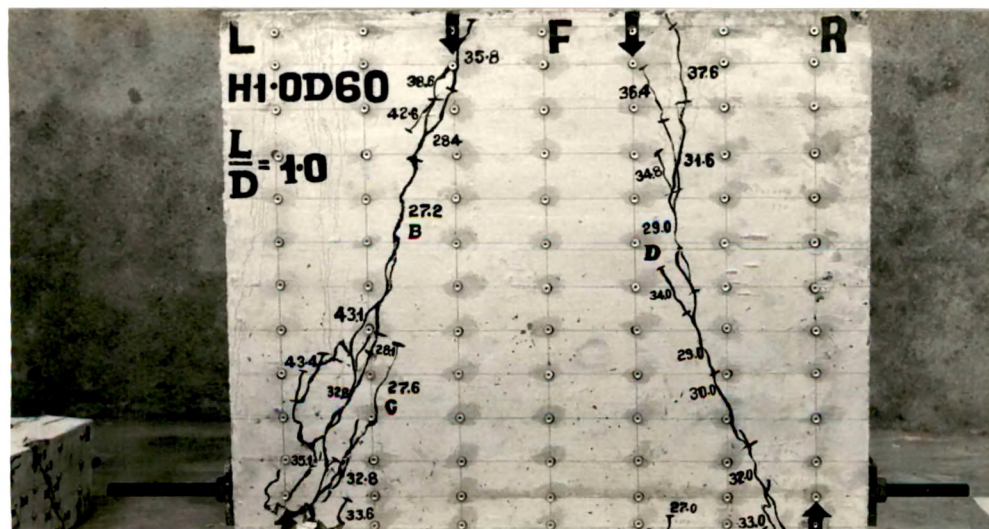
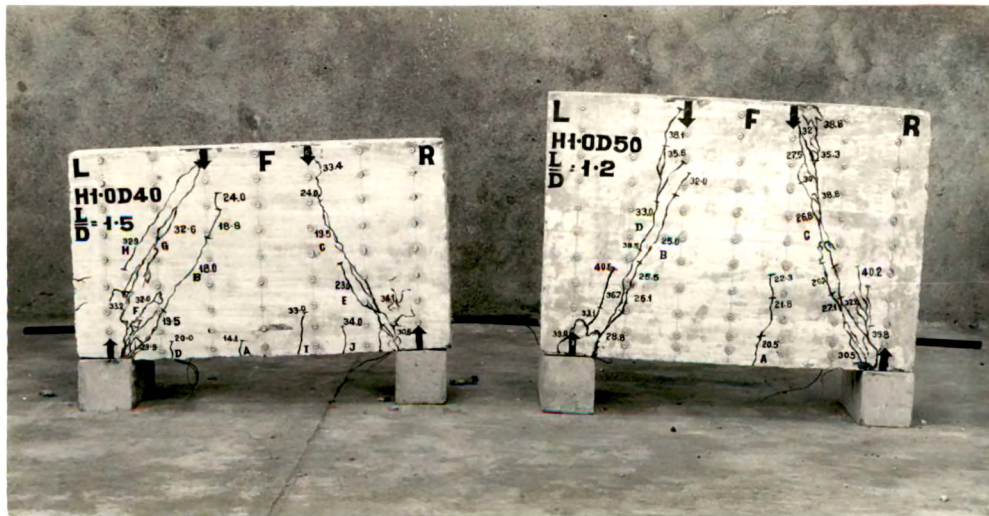
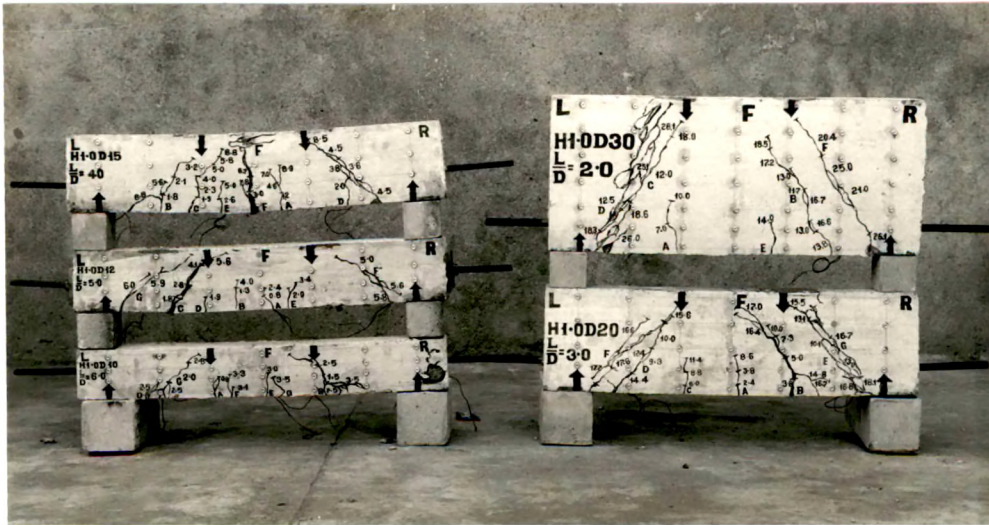


PLATE : 6 BEAMS OF 1% LOWER HALF DEPTH FIBRE CONDITION AFTER FAILURE



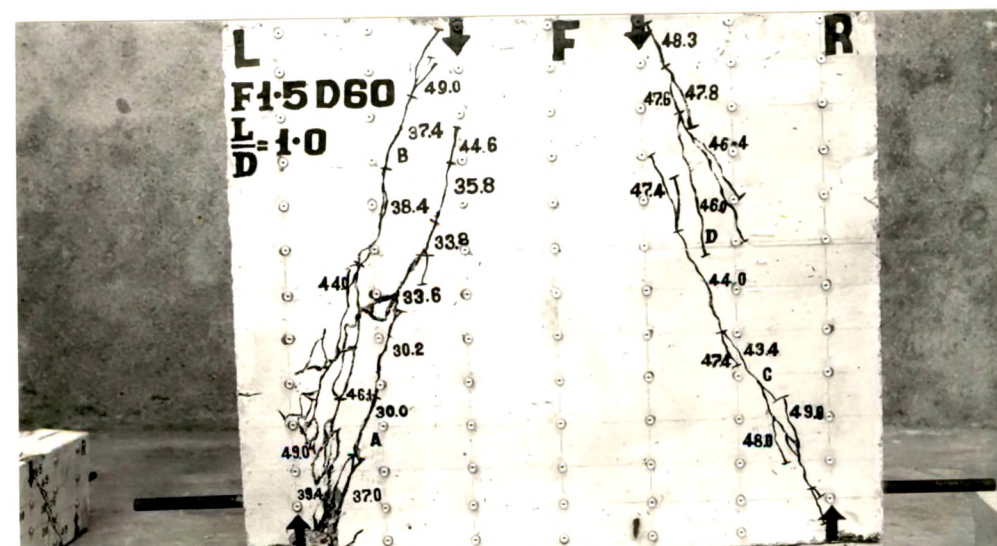
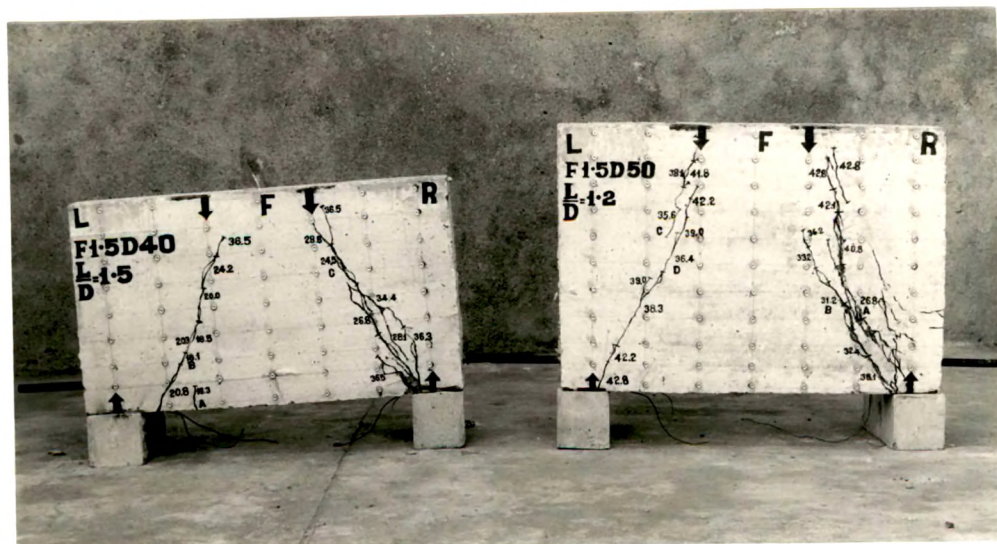
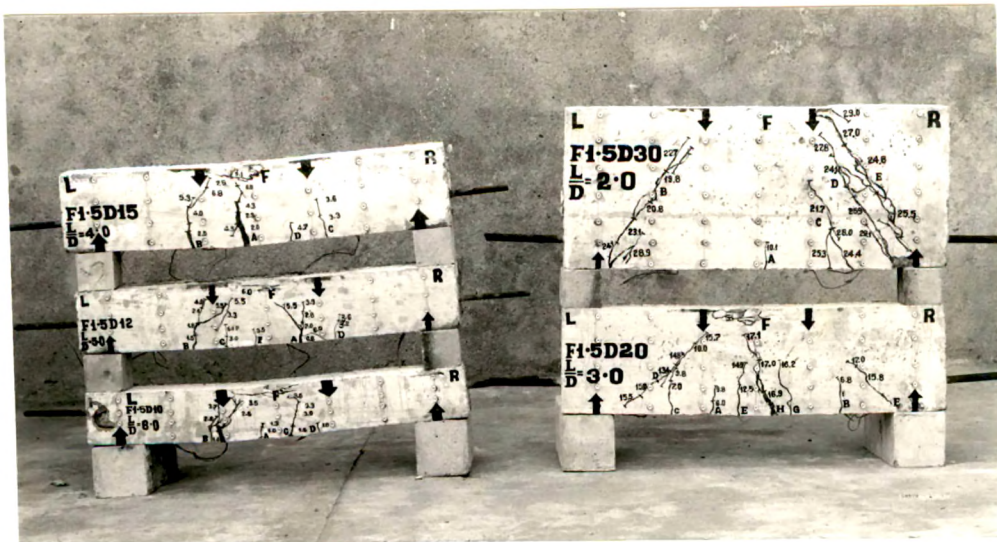


PLATE : 7 BEAMS OF 1.5% FULL DEPTH FIBRE CONDITION  
AFTER FAILURE



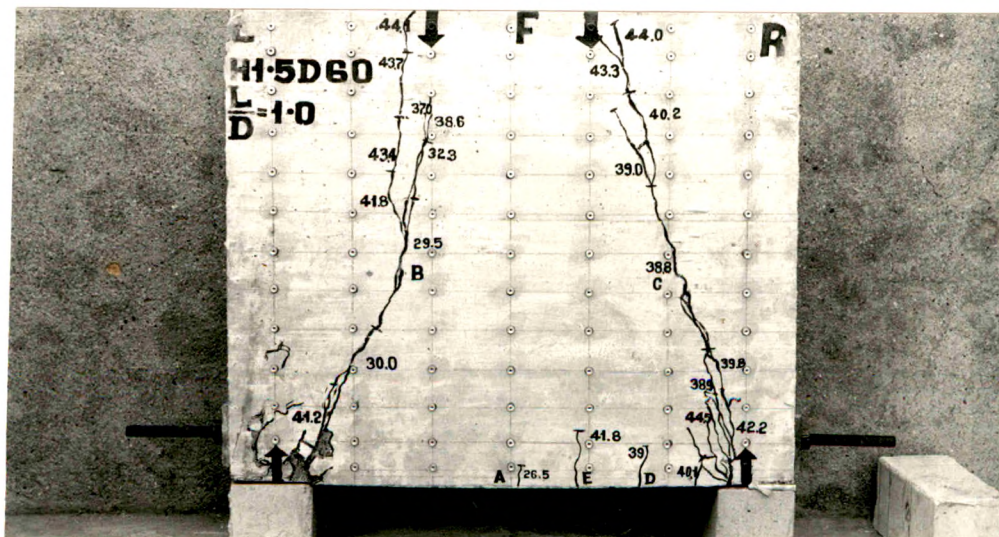
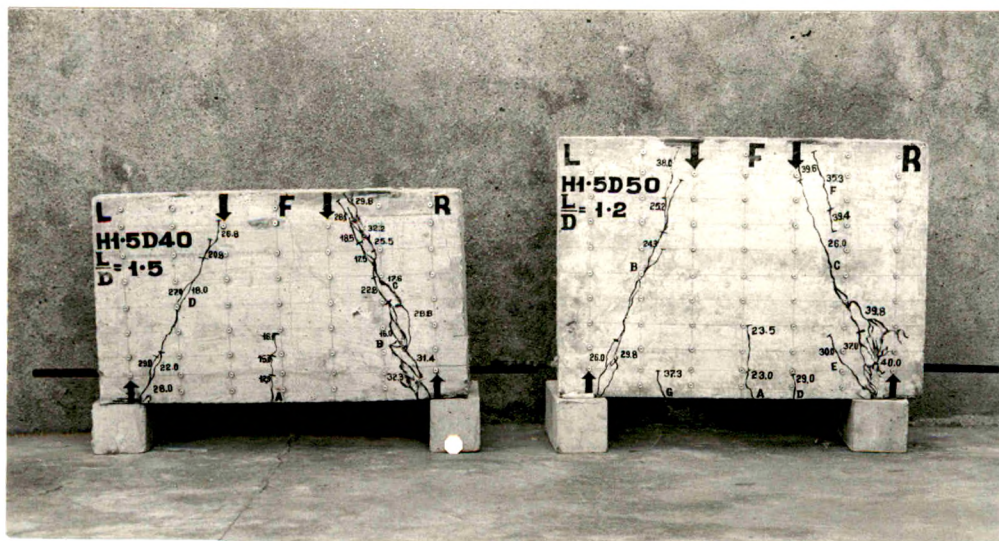
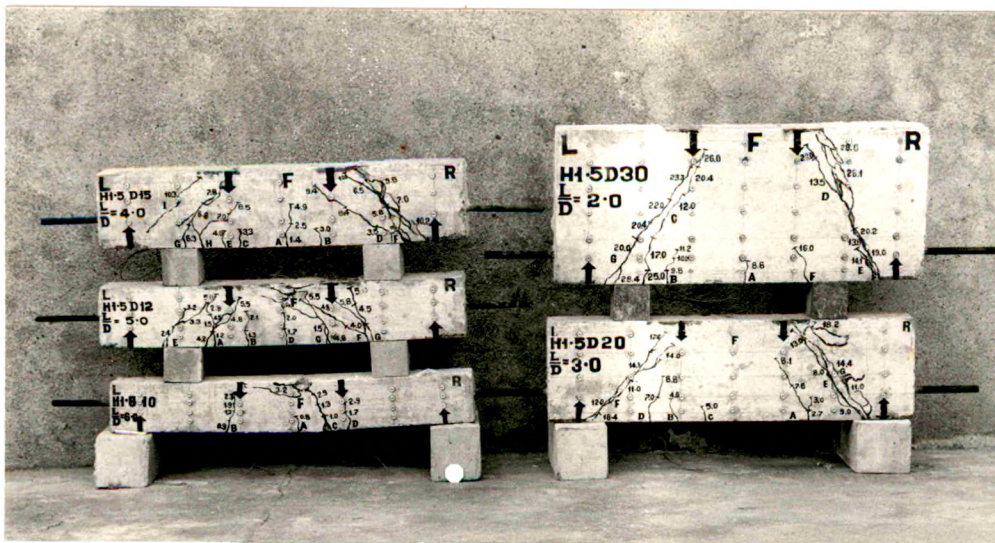


PLATE : 8 BEAMS OF 1.5% LOWER HALF DEPTH FIBRE  
CONDITION AFTER FAILURE