DEVELOPMENT OF A TELESCOPE CONTROLLER

BY

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Project Report
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SUMMARY

DEVELOPMENT OF A TELESCOPE CONTROLLER

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The object of the project carried out is to study different types of telescope controllers. Also to select, design, develop, construct and test a Telescope Controller Unit, which will be used as a demonstration unit.

Terms and Conditions:

- 1. Local / External programming facilities for Azimuth and Elevation directions.
- 2. Type of motor: Stepping motor (provided)

The work was performed and completed successfully. All the software and hardware have been done and also some additional work completes the purpose of the project.

The additional feature is the safety microswitches that protect the telescope.

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1. Telescope mounts

2. Telescope drivers

3. Telescope manufacturers

3. SAA 1027 characteristics

4. Motor characteristics

1. 8085 and 8155 characteristics

2. 8085 assembly language operations

APPENDIX C : Program listings

APPENDIX D:

APPENDIX E: