

EE4

ENTERPRISING

FINANCIAL MANAGEMENT

- BUDGET DESIGN
- COST OF LABOUR
- COST OF PRODCUTION
- COST REDUCTION

SURVEY

- DIFFERENT GORUPS
- DIFFERENT DEMAND
- SPECIAL NEED
- SIMILAR PRODUCTS
- MARKETING SITUATION

STRATEGIC MARKETING PLAN

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- POSITIONING OF THE PODUCTS
- PRICE
- PROMOTION
- PLACE

PREPARATION

- SEARCHING INFORMATION
- DATA CALCULATION
- COMPONENTS CHOOSE
- MEASUREMENTS OF THE SOLAR PANEL
- DESIGN OF PROTOTYPE

BUILDING

- MATERIAL SELECTION
- COMPONENTS MEASURMENT
- STRUCTURE ASSEMBLE
- IMPROVEMENTS

TEST

- RUNNING IN DIFFERENT SITUATIONS
- CALCULATE EACH RESULT AND COMPARE
- FINAL CONCLUSION

SSV

EDUCATING

GROUP DYNAMICS

- PERSONAL RELATIONSHIPS
- TEAM RALATIONSHIPS
- RECOGNISING PROBLEM SITUATION
- FEEDBACK
- SOLUTIONS AND IMPRVEMENTS

PROCESS REPORT

- CONCEPT
- FINAL

NATURE OF A DESIGN

- INTRODUCTION
- DEMO

ENGINEERING

ELECTRIC CACULATIONS FOR DC-MOTORS

- CAPACITY
- LOSSES
- LOAD-SPEED CHARACTERASTIC
- FUNCTIONING POINT

ELECTRIC MEASURING ON SOLAR CELLS

- SHORT-CIRCUIT CURRENT
- OPEN-CIRCUIT VOLTAGE
- OPEN SOURCE MAXIMUM POWER POINT
- INFLUENCE OF LIGHT INTENSITY ON THE PARAMETERS POINT

CALCULATIONS CONCERNING DYNAMICS

- STRENGTH FUNCTIONING AT A MOBILE VEHICLE MAXIMUM POWER POINT
- SPEED
- ACCELERATION
- ROLE RESISTANCE
- TORQUE

CALCULATIONS CONCERNING STRENGTH OF MATERIALS

CALCULATIONS OF THE STRENGTH AND STIFFNESS

CALCULATIONS CONCERNING MATHS

DESIGN AND CONSTRUCTION