Department of Electronics & Telecommunication

### RUBRICS FOR ASSESSMENT OF CAPSTONE PROJECT

**Project Title:** Electroplating Bath Parameter monitoring system

Student name with Roll No: Mohish Nilesh Khadse (25)

Sr. No.	Characteristic to be Assessed	Poor	Average	Good	Excellent
1	Problem /Task Identification (Project Title)	i)Relate to very few POs ii)Scope of problem not clear at all	i)Relate to some POs ii)Scope of problem/task vague	i) Take care of at least three POs ii)Scope of problem/task not very specific	i)Take care of more than three POs ii)Scope of problem/task very clear
2	Literature Survey/Industrial Survey	i)Not more than ten sources (primary and secondary) ii)Very old sources	i)At least 10 relevant sources ii)At least 5 latest	i)At least 15 relevant sources ii)Most latest	i)About 20 relevant sources ii)most latest
3	Project Proposal	i)Methods are not appropriate ,all steps not mentioned ii) Design of prototype not started ( if applicable)	i) Appropriate plan but not in much detail. ii) Plan B for critical activities not mentioned. Time line is not complete (if applicable)	i)Appropriate and detailed plan with plan B for critical activities mentioned but clarity is not there in methods ii)Time line is given but not appropriate iii)Design of prototype is not detailed ( if applicable	i)Appropriate and detailed plan with plan B for critical activities mentioned ii)Clarity in methods with time line iii)Detailed design of prototype ( if applicable
4	Project Diary	i)Entries for most weeks are missing ii)There is no proper sequence details are not correct	i)Entries for some weeks are missing ii)Details are not appropriate not signed regularly by the guide	i)Entries were made every week but are not in detail ii)Signed and approved by guide every week	i)Entries were made every week in detail ii)Signed and approved by guide every week

5	Final Report Preparation	i)Very short, poor quality sketches, ii)Details about methods ,materials precaution and conclusions omitted some details are wrong	i)Detailed ,correct and clear description of methods materials precautions	i)Conclusions sufficient graphic description	i)Very detailed correct clear description of methods ,materials precautions and conclusions ii)Enough tables charts and sketches
6	Presentation	i)Major information is not included ii)Information is not well organized	i)Include major information but not well organized and not presented well	i)Include major information and well organized but not presented well	i)Well organized include major information ,well presented
7	Question & Answer Session	Could not reply to considerable number of questions	Replied to considerable number of questions but not very properly	Replied properly to considerable number of questions	Replied to most of the questions properly

Department of Electronics & Telecommunication

### RUBRICS FOR ASSESSMENT OF CAPSTONE PROJECT

**Project Title:** Electroplating Bath Parameter monitoring system

**Student name with Roll No:** Mandar Balu Patil (24)

Sr. No.	Characteristic to be Assessed	Poor	Average	Good	Excellent
1	Problem /Task Identification (Project Title)	i)Relate to very few POs ii)Scope of problem not clear at all	i)Relate to some POs ii)Scope of problem/task vague	i) Take care of at least three POs ii)Scope of problem/task not very specific	i)Take care of more than three POs ii)Scope of problem/task very clear
2	Literature Survey/Industrial Survey	i)Not more than ten sources (primary and secondary) ii)Very old sources	i)At least 10 relevant sources ii)At least 5 latest	i)At least 15 relevant sources ii)Most latest	i)About 20 relevant sources ii)most latest
3	Project Proposal	i)Methods are not appropriate ,all steps not mentioned ii) Design of prototype not started ( if applicable)	i) Appropriate plan but not in much detail. ii) Plan B for critical activities not mentioned. Time line is not complete (if applicable)	i)Appropriate and detailed plan with plan B for critical activities mentioned but clarity is not there in methods ii)Time line is given but not appropriate iii)Design of prototype is not detailed ( if applicable	i)Appropriate and detailed plan with plan B for critical activities mentioned ii)Clarity in methods with time line iii)Detailed design of prototype ( if applicable
4	Project Diary	i)Entries for most weeks are missing ii)There is no proper sequence details are not correct	i)Entries for some weeks are missing ii)Details are not appropriate not signed regularly by the guide	i)Entries were made every week but are not in detail ii)Signed and approved by guide every week	i)Entries were made every week in detail ii)Signed and approved by guide every week

5	Final Report Preparation	i)Very short, poor quality sketches, ii)Details about methods ,materials precaution and conclusions omitted some details are wrong	i)Detailed ,correct and clear description of methods materials precautions	i)Conclusions sufficient graphic description	i)Very detailed correct clear description of methods ,materials precautions and conclusions ii)Enough tables charts and sketches
6	Presentation	i)Major information is not included ii)Information is not well organized	i)Include major information but not well organized and not presented well	i)Include major information and well organized but not presented well	i)Well organized include major information ,well presented
7	Question & Answer Session	Could not reply to considerable number of questions	Replied to considerable number of questions but not very properly	Replied properly to considerable number of questions	Replied to most of the questions properly

Department of Electronics & Telecommunication

### RUBRICS FOR ASSESSMENT OF CAPSTONE PROJECT

**Project Title:** Electroplating Bath Parameter monitoring system **Student name with Roll No:** Prathamesh Ganesh Saraf (11)

Sr. No.	Characteristic to be Assessed	Poor	Average	Good	Excellent
1	Problem /Task Identification (Project Title)	i)Relate to very few POs ii)Scope of problem not clear at all	i)Relate to some POs ii)Scope of problem/task vague	i) Take care of at least three POs ii)Scope of problem/task not very specific	i)Take care of more than three POs ii)Scope of problem/task very clear
2	Literature Survey/Industrial Survey	i)Not more than ten sources (primary and secondary) ii)Very old sources	i)At least 10 relevant sources ii)At least 5 latest	i)At least 15 relevant sources ii)Most latest	i)About 20 relevant sources ii)most latest
3	Project Proposal	i)Methods are not appropriate ,all steps not mentioned ii) Design of prototype not started ( if applicable)	i) Appropriate plan but not in much detail. ii) Plan B for critical activities not mentioned. Time line is not complete (if applicable)	i)Appropriate and detailed plan with plan B for critical activities mentioned but clarity is not there in methods ii)Time line is given but not appropriate iii)Design of prototype is not detailed ( if applicable	i)Appropriate and detailed plan with plan B for critical activities mentioned ii)Clarity in methods with time line iii)Detailed design of prototype ( if applicable
4	Project Diary	i)Entries for most weeks are missing ii)There is no proper sequence details are not correct	i)Entries for some weeks are missing ii)Details are not appropriate not signed regularly by the guide	i)Entries were made every week but are not in detail ii)Signed and approved by guide every week	i)Entries were made every week in detail ii)Signed and approved by guide every week

5	Final Report Preparation	i)Very short, poor quality sketches, ii)Details about methods ,materials precaution and conclusions omitted some details are wrong	i)Detailed ,correct and clear description of methods materials precautions	i)Conclusions sufficient graphic description	i)Very detailed correct clear description of methods ,materials precautions and conclusions ii)Enough tables charts and sketches
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Department of Electronics & Telecommunication

### RUBRICS FOR ASSESSMENT OF CAPSTONE PROJECT

**Project Title:** Electroplating Bath Parameter monitoring system **Student name with Roll No:** Mohit Ravindra Bhangale (23)

Sr. No.	Characteristic to be Assessed	Poor	Average	Good	Excellent
1	Problem /Task Identification (Project Title)	i)Relate to very few POs ii)Scope of problem not clear at all	i)Relate to some POs ii)Scope of problem/task vague	i) Take care of at least three POs ii)Scope of problem/task not very specific	i)Take care of more than three POs ii)Scope of problem/task very clear
2	Literature Survey/Industrial Survey	i)Not more than ten sources (primary and secondary) ii)Very old sources	i)At least 10 relevant sources ii)At least 5 latest	i)At least 15 relevant sources ii)Most latest	i)About 20 relevant sources ii)most latest
3	Project Proposal	i)Methods are not appropriate ,all steps not mentioned ii) Design of prototype not started ( if applicable)	i) Appropriate plan but not in much detail. ii) Plan B for critical activities not mentioned. Time line is not complete (if applicable)	i)Appropriate and detailed plan with plan B for critical activities mentioned but clarity is not there in methods ii)Time line is given but not appropriate iii)Design of prototype is not detailed ( if applicable	i)Appropriate and detailed plan with plan B for critical activities mentioned ii)Clarity in methods with time line iii)Detailed design of prototype ( if applicable
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5	Final Report Preparation	i)Very short, poor quality sketches, ii)Details about methods ,materials precaution and conclusions omitted some details are wrong	i)Detailed ,correct and clear description of methods materials precautions	i)Conclusions sufficient graphic description	i)Very detailed correct clear description of methods ,materials precautions and conclusions ii)Enough tables charts and sketches
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7	Question & Answer Session	Could not reply to considerable number of questions	Replied to considerable number of questions but not very properly	Replied properly to considerable number of questions	Replied to most of the questions properly