GUIDELINES FOR PROJECT REPORT SUBMISSION:

S.N	CONTENT	GUIDELINE
1	Number of copies to be submitted	The total number of reports to be prepared are: • One copy to the department library • One copy to the Concerned guide (if guide requires a copy only) • Two copies to the sponsoring agency (if any) (optional) • One copy to each candidate (candidate copy should contain only the name of the particular student in the cover page, certificate page, declaration page and acknowledgement page.) • Department copy should contain all the project group members name.
2	Guide approval	• Before taking the final printout, the approval of the concerned guide(s) is mandatory and suggested corrections, if any, must be incorporated. • For making copies dry tone Xerox is suggested.
3	General instructions	• The project report should be brief and include descriptions of work carried out by others only to the minimum extent necessary. Verbatim reproduction of material available elsewhere should be strictly avoided. Where short excerpts from published work are desired to be included, they should be within quotation marks appropriately referenced. • Proper attention is to be paid not only to the technical contents but also to the organization of the report and clarity of the expression. • Due care should be taken to avoid spelling and typing errors. The student should note that report-write-up forms the important component in the overall evaluation of the project • Hardware projects must include: the component layout, complete circuit with the component list containing the name of the component, numbers used, etc. and the main component data sheets as Appendix. • At the time of report submissions, the students must hand over a copy of these details to the project coordinator and see that they are entered in proper registers maintained in the department. • The reports submitted to the department/guide(s) must be hard bounded, with a plastic covering. • Separator sheets [chapter TITTLE sheets], used if any, between chapters, should be of thin paper.

COLOUR OF THE OUTER COVER/FRONT PAGE OF UG DISSERTATION / PROJECT REPORT:

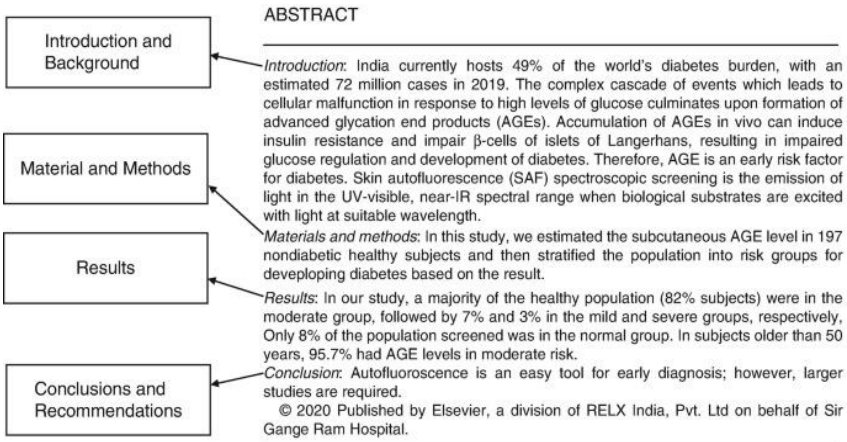
Sl. No.	UG course	Color of the outer cover/front page of the report
1	Electronics & Communication, Telecommunication, Bio-Medical, Medical Electronics, Electrical & Electronics and Instrumentation Technology (EC/TE/BM/ML/EE/IT)	PURPLE
2	**Computer Science and Information Science and Engineering (CS/IS)**	**CREAM**
3	Mechanical, Printing Technology, Mining, Industrial Production, Industrial Engineering & Management, Manufacturing Science and Engineering and Automobile (ME/PT/MI/IP/IM/ MA /AU)	SKY BLUE
4	Civil, Transportation and Environmental Engineering (CV/TR/EV)	GREY
5	Chemical, Cement & Ceramics, Silk, Textile Technology and Polymer Science (CH/CC/ST/TX/PM)	BROWN

GUIDELINES FOR PROJECT REPORT PREPARATION:

S.N	CONTENT	GUIDELINE
1	Page Format & Page size	**Page size** A4 size bond paper (210 x 297 mm). Project reports should be typed neatly only on one side of the paper following the prescribed text, page & paragraph format. For Cover page, Certificate, Acknowledgement and Abstract. Let the four sided border remain the same as shared in the template.
2	Page Margins	Page Margins to be set: Top Margin -2.0cm, Bottom Margin 2.0cm, Left Margin-2.5 cm, Right Margin-2.5cm.
3	Header & Footer alignment	**Header text** – with Project title right justified, Font style-Times new roman, size-12. **Footer text**- Department name, College name left justified, followed by ACADEMIC YEAR and Justified EX: Department of Computer Science & Engineering, AcIT, Bengaluru, [AY-(2021-22)]. **Footer text** –page number right justified and should start counting from Introduction chapter ***(for separator pages no page number should be there)***.
4	Font Size, style & justification of different text data in the project report	**Main Heading** Font size-**18**, Font style-Times new Roman (which includes [**Chapter no.(font = 16)**-left justified] and [**Chapter name (font =18)** –center justified)] **Sub Heading with section number** Font size-**14,** Font style-Times new Roman

		Running Text Font size – **12,** Font style- Times new Roman Justification of text (text evenly distributed between margins) Always maintain **1.5** spacing (uniformity).
5	Numbering of figures	**Figure numbering with title** should be chapter wise in the form of 1.1, 2.1 etc For example for the 1st Figure in chapter-3, figure labeling should be as follows ***Fig. 3.1 Block diagram of a serial binary adder*** Figure labeling Font style- Times new Roman, Figure labeling Font size-10. Later put all these in Table of figures following the Table of contents.
6	Numbering of Tables	**Table numbering** should be chapter wise in the form of 1.1, 2.1 etc For example for the 1st Table in chapter-3, table labeling should be as follows: ***Table 3.1 Primitive flow table*** Table name Font style - Times new Roman, Table name Font size-10. Later put all these in Table of tables following the Table of figures.
7	Representation of equations	Only SI units are to be used in the report. Important equations must be numbered in decimal form for e.g. V = IZ ……. (3.2) All equation numbers should be right justified.
8	Font size, alignment and numbering of chapters, chapter title, chapter sections & subsections	Main body of the report divided appropriately into chapters, sections and subsections. The chapters, sections and subsections may be numbered in the decimal form for e.g. consider Chapter 2, Sections of chapter 2 will be numbered as 2.1, 2.2 etc., and Subsections of section-2.1 of chapter 2 will be numbered as 2.1.1, 2.1.2 etc. Subsections of section-2.4 of chapter 2 will be numbered as 2.4.1, 2.4.2 etc. The chapter number (chapter 1, chapter 2 etc…) must be left justified (font size 16). Followed by the title of chapter (e.g., INTRODUCTION, LITERATURE SURVEY etc…) center justified (font size 18), Section numbers along with their headings must be left justified with section number and its heading and font size should be font size should be 16. Subsection numbers along with their headings must be left justified with subsection number and its heading, and font size should be 14.
9	Complete Project Report	**<u>Organization of Project Report is as follows</u>:**

	Organization/ Project Report Flow	Outer title page with a plastic cover covering Inner Title page (with a plastic sheet) Certificate page (with a plastic sheet) (in the format enclosed from the college and the organization where the project is carried out.) Declaration page Abstract page Acknowledgement page Table of content page List of figures page List of tables page Chapter 1 Introduction Chapter 2 Literature Review Chapter 3 Requirement [Functional & Non-Functional] Chapter 4 Project Design Chapter 5 Project Implementation Chapter 6 Testing Chapter 7 Results and Discussion Chapter 8 Conclusion & Future work References Project related IEEE format paper published certificate and details in the national/international standard journals. (To be added only if it was published.) Project related paper published/presented certificate in the national/international conferences. (To be added only if it was presented/published in the conferences.)
10	Initial pages	• Inner title page • Certificate page • Declaration page • Acknowledgement page ***[Note: All of the above listed should not be numbered at all]***
		• Abstract or Synopsis • Table of Contents • List of table & figures (optional) ***[Note: All of the above listed should be numbered using lower case roman numbers.]***
11	Abstract	**Abstract** An abstract (synopsis) not exceeding 100 words, indicating salient features of the work. The abstract should cover the following things:

		
12	Chapter wise contents description	**Introduction** This usually specifies the scope of work and its importance and relation to previous work and the present developments, ***organization of the thesis to be given at the end of the introduction*.**
		Literature review This section should contain the discussion (should be specified in the college provided format) about the work done in the areas related to the project, by referring to the related IEEE papers.
		Requirements This section should contain all the functional, non-functional, software and hardware requirements with the clear explanation of their role & importance in resolving the problem identified and implementation of the proposed solution.
		Project Design This section should clearly provide the details of different project modules identified, the complete design process of these modules (algorithms, flow charts, different UML diagrams used, block diagrams etc…)
		Project Implementation This section should contain the successfully implemented code for very important project modules and relevant explanation of the working of the code.
		Testing This part should contain the complete details with examples of different steps followed for testing the implemented code for correctness
		Results and Discussion It should be the snapshots section. The clear observation and justifications or the results observed also should be mentioned.
		Conclusion & future work session: The last chapter should contain the summary of the work carried, contributions if any, their utility along with the scope for further work.
		Reference OR Bibliography: The references should be numbered serially in the order of their occurrence in the text and their numbers should be indicated within square brackets for e.g. [3]. The section on references should list them in serial order in the following format:

		• For textbooks – [1] A.V. Oppenheim and R.W. Schafer, Digital Signal Processing, Englewood, N.J., Prentice Hall, 3 Edition, 1975. • For reference papers – [2] David, Insulation design to combat pollution problem, Proc of IEEE, PAS, Vol 71, Aug 1981, pp 1901-1907.

[Note:

Based on the observation of how perfectly all these instructions are followed in the preparation of the project report, marks will be allotted for the report by the respective project guides.

Report evaluation rubrics are provided separately.]

Signature of the Project Coordinators		**Signature of the H. O. D**
( ) **Mr. PRASHANTH KUMAR S P** **Assistant Professor,** **Department of CS&E**		**( )** **Dr. AJITH PADYANA** **Professor & Head** **Department of CS&E**
( ) **Mr. GOWTHAM RAJ M** **Assistant Professor,** **Department of CS&E**		