

## Contents

<b>CHAPTER-1</b> .....	1
<b>INTRODUCTION</b> .....	1
1.1 Historical Period of Education in India .....	1
1.2 The growth of Digital learning .....	3
1.3 The use of Web based learning in education .....	3
1.4 Disadvantages of Web-based learning .....	4
1.5 E-learning initiatives in India.....	5
1.7 Initiative by Government of India .....	6
1.8 Gujarat and Its ICT Readiness initiatives .....	7
1.9 Web-based learning: Connecting Students to learning in times of Covid-19 Pandemic .....	12
1.10 “Lockdown”-A Golden Opportunity for online Education .....	15
1.11 Research Questions .....	17
1.12 Statement of the Problem .....	17
1.13 Justification of the study.....	17
1.14 Justification of the study in the Department of Extension and .....	19
Communication .....	19
1.15 Justification of Sample.....	20
1.16 Justification of Variables .....	22
1.17 Objectives of the Study .....	32
1.18 Null Hypothesis .....	35
1.19 Assumptions of the Study .....	37
1.20 Delimitations.....	37
1.21 Operational Definition .....	38
<b>CHAPTER -2</b> .....	39
<b>REVIEW OF LITERATURE</b> .....	39
2.1 Usage of Web-based Learning.....	40
2.2 Opinions regarding of Web-based learning .....	53
2.3 Problems of Web-based learning .....	63
2.4 Trend Analysis .....	67
2.5 Research gaps .....	67

<b>CHAPTER – 3.....</b>	<b>69</b>
<b>METHODOLOGY .....</b>	<b>69</b>
<b>3.1 Pilot Study.....</b>	<b>69</b>
<b>3.2 Population of the study .....</b>	<b>73</b>
<b>3.3 Sample Selection for the Study .....</b>	<b>73</b>
<b>3.4 Research Tools for Data Collection .....</b>	<b>77</b>
<b>3.5 Description of the Research Tool .....</b>	<b>78</b>
<b>3.6 Validity of the Research Tool .....</b>	<b>82</b>
<b>3.7 Reliability of the Tool.....</b>	<b>82</b>
<b>3.8 Pretesting of the Research Tool.....</b>	<b>83</b>
<b>3.9 Data Collection.....</b>	<b>83</b>
<b>3.10 Categorization and Scoring of Variables .....</b>	<b>84</b>
<b>3.11 Scoring and categorization of the data.....</b>	<b>86</b>
<b>3.12 Statistical analysis of the data.....</b>	<b>89</b>
<b>CHAPTER 4.....</b>	<b>91</b>
<b>RESULT AND DISCUSSION .....</b>	<b>91</b>
<b>4.1 Profile of the Undergraduate Students .....</b>	<b>92</b>
<b>4.2 Usage of Web-based Learning resources amongst Undergraduate Students</b>	<b>100</b>
<b>4.3 Opinions of Web-based learning resources amongst Undergraduate students</b>	<b>133</b>
<b>4.4 Problems Faced by Undergraduate students while Using the Web-based learning resources .....</b>	<b>149</b>
<b>CHAPTER-5.....</b>	<b>166</b>
<b>SUMMARY .....</b>	<b>166</b>
<b>5.1 Introduction .....</b>	<b>166</b>
<b>5.2 Review of Literature .....</b>	<b>203</b>
<b>5.3 Methodology .....</b>	<b>205</b>
<b>5.4 Major Findings of the Study .....</b>	<b>225</b>
<b>5.5 Conclusion.....</b>	<b>232</b>
<b>5.6 Recommendations for Further Studies .....</b>	<b>237</b>
<b>Cited Literature .....</b>	<b>238</b>
<b>Bibliography .....</b>	<b>258</b>

- Appendix I** Letter
- Appendix II** Questionnaire Used For Data Collection
- Appendix III** News Paper Cuttings
- Appendix IV** Paper Publications
- Appendix V** URKUND Report