Contents

Chapters	Title	Page No.
Chapter 1:	**Introduction, Genesis of DST-FIST program and need of present Study**	**1-13**
	1.1 Science and Technology policies and genesis of DST- FIST	1
	1.2 Other programs and initiatives of S&T infrastructure	6
	1.3 Impending issues on S&T infrastructure	7
	1.4 Need for the present study	8
	1.5 Review of literature	9
Chapter 2:	**Objectives, Methodology and Execution of the study**	**15-23**
	2.1 Objectives of the study.	15
	2.2 Target population, sampling approach and reference period.	15
	2.3 Organization structure and execution of the study.	16
	2.4 Measurement of Impact.	17
	2.5 Development of data collection tools and pilot testing.	18
	2.6 Training of investigators.	19
	2.7 Field operation and data collection.	20
	2.8 Data processing and analysis.	20
	2.9 Responsibilities of stake holders and time frame.	21
	2.10 Challenges in Data Collection and Non-Response.	23
Chapter 3:	**Criteria for FIST grant and Characteristics of grant recipients.**	**25-34**
	3.1 Introduction.	25
	3.2 State wise distribution of FIST grant.	25
	3.3 Grants Sanctioned and Utilization.	26
	3.4 Details of Academic Programs start.	29
	3.5 Details of Project Coordinators and Respondents.	30
	3.6 Distribution of Grant according to the Level of FIST Program	32
	3.7 Conclusion.	34

Chapter 4: Infrastructure & Equipment created under FIST grant. 35-50

4.1 Introduction. 35

4.2 Infrastructure Created Under FIST Grant. 35

4.3 Distribution of General Classrooms and Smart classrooms. 42

4.4 Expenditure Made on Various Items. 45

4.5 Factor Associated with Procurement and Installation of Equipment's. 48

4.6 Utilization of Equipment's. 49

4.7 Conclusion. 50

Chapter 5: Impact on working environment, capacity building and Collaboration 51-54

5.1 Introduction. 51

5.2 Impact on Working Environment 51

5.3 Impact on Capacity Building. 52

5.4 Improvement of the Working Environment. 53

5.5 Impediments of working environment. 54

5.6 Conclusion. 54

Chapter 6: Impact on academic and research performance. 55-65

6.1 Introduction 55

6.2 Impact on volume of Man Power. 55

6.3 Impact on Academic program. 60

6.4 Impact on Volume or Quality of Research. 62

6.5 Awards and Recognitions. 64

6.6 Conclusion. 64

Chapter 7: Best Practices for Procurement and Management of FIST program. **67-78**

7.1 Introduction. 67

7.2 Procurement Process. 67

7.3 Utilization of Infrastructure. 70

7.4 Maintenance of Infrastructure. 72

7.5 Utilization of Funds. 74

7.6 Administrative Support 76

7.7 Conclusion. 78

Chapter 8: Success Story. **79-90**

8.1 Introduction. 79

8.2 Success stories. 79

8.3 Conclusions. 90

Chapter 9: Overall Impact, Conclusions and Recommendations. **91-95**

9.1 Introduction. 91

9.2 Overall Impact of DST-FIST support 91

9.3 Suggestion for Improvement in the Science and Technology. 93

9.4 Conclusion 94

9.5 Best Practices 94

9.6 Impediments 95

9.7 Recommendations 95

Appendix-A (Tables) **97-116**

Appendix-B (Questionnaire) **117**