

## CONTENTS

<b>Chapter No</b>	<b>Title</b>	<b>Page No.</b>
	<b>Abstract</b>	
<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Review of literature</b>	<b>4</b>
<b>3</b>	<b>Soil fertility status in various agro ecosystems of Thrissur district, Kerala</b>	<b>25</b>
	3.1. Introduction	25
	3.2. Materials and Methods	26
	3.3. Results and Discussion	30
<b>4</b>	<b>Spatial variation of soil fertility in the study area</b>	<b>54</b>
	4.1. Introduction	54
	4.2. Materials and Methods	55
	4.3. Results and Discussion	56
<b>5</b>	<b>Developing soil fertility map of the study area depicting the extent of deficiency and toxicities of nutrients using GIS</b>	<b>86</b>
	5.1. Introduction	86
	5.2. Materials and Methods	86
	5.3. Results and Discussion	88
<b>6</b>	<b>Summary and Conclusion</b>	<b>105</b>
	<b>References</b>	<b>108</b>
	<b>Appendices</b>	<b>124</b>