

HALF YEARLY PROGRESS REPORT

First

Name of Research Scholar	Mohanan T
Name of the Faculty	Department of Mathematics
Topic of Ph. D. Work	"Graph theory and its Algebraic characteristics"
Session of the Registration	July-19
Research Guide/Supervisor's Name	Dr. Arun Kumar Garg (Professor)

I. Progress against Planned Work

SL	Duration		Planned work	Actual work
	From	To		
	17/July/2020	19/Jan/2021	CHAPTER 1: INTRODUCTION	Chapter -1 Work was going on

			<ul style="list-style-type: none"> • GROUP ACTIONS • ACTION OF GROUPS ON GRAPHS • PALEY GRAPHS • GRAPH COVERS • OUTERPLANARITY • SCOPE OF THE STUDY • STATEMENT OF PROBLEM • AIM & OBJECTIVES • SIGNIFICANCE AND NEED OF STUDY 	
			<p>Chapter 2 Literature Review</p> <ul style="list-style-type: none"> • RESEARCH SUMMARY • RESEARCH GAP 	Chapter -2 Work was going on

II.Details of Publication

SL	Title of the Paper	Journal/ Conferences	Volume & No. /Page No. Venue & Dates	

III.SEMINAR

Date: Signature of the Research Scholar

IV.Recommendation of Research Guide

Certified that the performance of the Research Scholar is: Satisfactory/ not Satisfactory
Comments:


Name & Signature of Research Guide

HALF YEARLY PROGRESS REPORT

Second

Name of Research Scholar	Mohanan T
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Topic of Ph. D. Work	"Graph theory and its Algebraic characteristics"
Session of the Registration	July- 19
Research Guide/Supervisor's Name	Dr. Arun Kumar Garg (Professor)

I. Progress against Planned Work

SL	Duration		Planned work	Actual work
	From	To		
	21/Jan/2021	26/July/2021	CHAPTER 3: CIRCULANTS <ul style="list-style-type: none"> • QUASI M-CAYLEY GRAPHS • STRONGLY QUASI M-CAYLEY CIRCULANTS • QUASI 3-CAYLEY AND 4-CAYLEY GRAPHS • BICIRCULANTS • GENERALIZED CAYLEY GRAPHS 	Chapter -3 Work was going on

II.Details of Publication

SL	Title of the Paper	Journal/ Conferences	Volume & No. /Page No. Venue & Dates	

III.SEMINAR

Date: Signature of the Research Scholar

IV.Recommendation of Research Guide

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THIRD

Name of Research Scholar	Mohanan T
Name of the Faculty	Department of Mathematics
Topic of Ph. D. Work	"Graph theory and its Algebraic characteristics"
Session of the Registration	July- 19
Research Guide/Supervisor's Name	Dr. Arun Kumar Garg (Professor)

I. Progress against Planned Work

SL	Duration		Planned work	Actual work
	From	To		
	28/July/2021	24/Jan/2022	<p>CHAPTER 4:</p> <p>HALF-ARC-TRANSITIVE GRAPHS</p> <ul style="list-style-type: none"> • ALTERNETS CASE STUDIES • TWO AND THREE ALTERNETS • FOUR OR MORE ALTERNETS 	Chapter -4 Work was going on

H.Details of Publication

SL	Title of the Paper	Journal/ Conferences	Volume & No. /Page No. Venue & Dates	

III.SEMINAR

Date: Signature of the Research Scholar

IV.Recommendation of Research Guide

Certified that the performance of the Research Scholar is: Satisfactory/ not Satisfactory
Comments:


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HALF YEARLY PROGRESS REPORT

Fourth

Name of Research Scholar	Mohanan T
Name of the Faculty	Department of Mathematics
Topic of Ph. D. Work	"Graph theory and its Algebraic characteristics"
Session of the Registration	July- 19
Research Guide/Supervisor's Name	Dr. Arun Kumar Garg (Professor)

I. Progress against Planned Work

SL	Duration		Planned work	Actual work
	From	To		
	28/Jan/2022	29/July/2022	CHAPTER 5: CONCLUSION AND FUTURE RECOMMENDATIONS	Chapter -5 Work was going on
			<ul style="list-style-type: none"> CONCLUSION 	

II. Details of Publication

SL	Title of the Paper	Journal/ Conferences	Volume & No. / Venue & Dates	Page No.

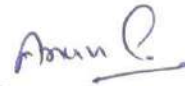
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III.SEMINAR

Date: Signature of the Research Scholar

IV.Recommendation of Research Guide

Certified that the performance of the Research Scholar is: Satisfactory/ not
Satisfactory
Comments:



Name & Signature of Research
Guide