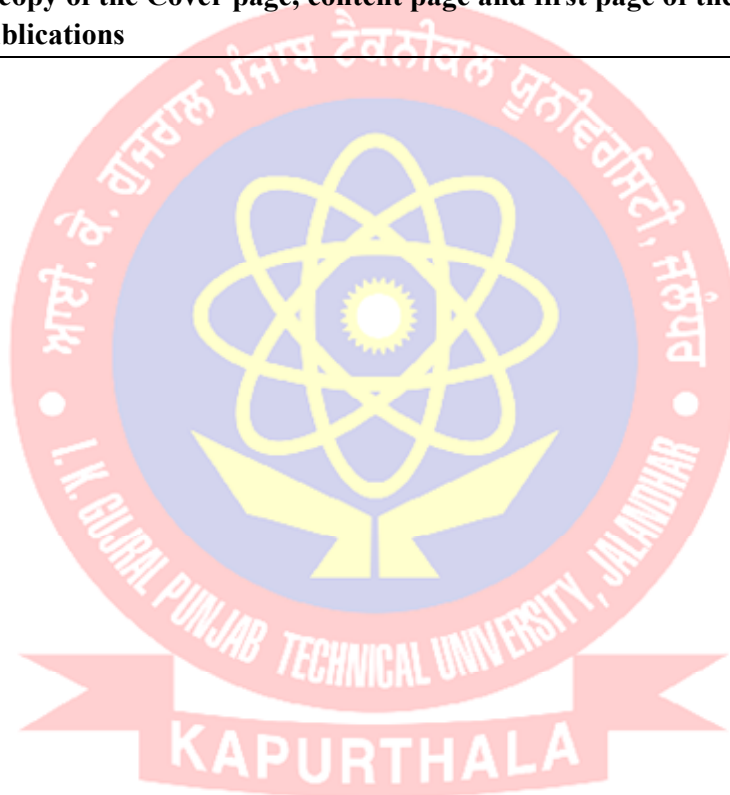


Department: Mathematical Sciences

3.4.6

Books and Chapters published in edited volumes

Sl. No.	Documents Attached
1.	E-copy of the Cover page, content page and first page of the publications



SPECTRUM

ENGINEERING MATHEMATICS-I

for

**B.Tech.(Regular)
Semester-I (CE/ECE/EE/ME)
I.K.G.P.T.U. JALANDHAR**

B.T.U.

Dr. RAJESH KUMAR NARULA

Assistant Professor,
Deptt. of Mathematical Sciences,
I.K. Gujral Punjab Technical University,
JALANDHAR.



For
favourable Recommendation
(Prof.) D.R. Sharma

SHARMA PUBLICATIONS

N.D. 118, Tanda Road, Jalandhar.

Phone : 6280996423, 2284080

Fax : 0181-2284080

Website : www.sharnapublications.com

[Signature]

Scanned by CamScanner

[Signature]

Department of Mathematical Sciences
I.K. Gujral Punjab Technical University
Kapurthala-144603 Pb. (India)

73

19

All rights Reserved with the Publisher
(This book or a part thereof may not be reproduced in any form
without the written permission of the Publisher)

Neither Sharma Publications nor its author
guarantee the accuracy or completeness of any
information published herein, and neither Sharma
Publications nor its author shall be responsible for
any errors, omissions, or damages arising out of
use of this information.

FIRST EDITION : 2019

PRICE : ₹ 450/-

ISBN : 978-93-5181-240-1



Every Copy of this book has the hologram of S P
Students should buy only that book which has the hologram.



Published By : Prof. D.R. Sharma for Sharma Publications,
H.D. 118, Tanda Road, Jalandhar.



Composed By : Neha Handa for Accurate Centre, Jalandhar.



Printed at : Alpha Printing Press, Jalandhar.

PREFACE

Engineering Mathematics-I is intended mainly for the Students of B.Tech (1st Semester) of Civil Engg./ Electronics & Communication Engg./Electrical Engg./Mechanical Engg. In this book different related basics as well as advanced topics have been considered. This book mainly emphasizes on the practical applications of the concepts discussed in the chapters. The unsolved exercises are provided section wise for practice.

Suggestions for making the book still more valuable to the students will be thankfully considered for the future editions of the book.

Dr. Rajesh Kumar Narula
Assistant Professor,

Department of Mathematical Sciences
I.K. Gujral Punjab Technical University, Jalandhar

Handwritten signature

Handwritten signature
Head
Department of Mathematical Sciences
I.K. Gujral Punjab Technical University
Kapurthala-144603 Pb. (India)

Scanned by CamScanner

SPECTRUM

ENGINEERING MATHEMATICS-II

for

**B.Tech.(Regular)
Semester-II**

**Electrical Engineering/
Electronics and Communication Engineering**

I.K.G.P.T.U., JALANDHAR

1311

Dr. RAJESH KUMAR NARULA

Assistant Professor,
Deptt. of Mathematical Sciences,
I.K. Gujral Punjab Technical University, JALANDHAR.

For
Table Recommendation
(Prof.) D.R. Sharma



SHARMA PUBLICATIONS

N.D. 118, Tanda Road, Jalandhar.

Phone : 6280996429, 2284080

Fax : 0181-2284080

Website : www.sharmapublications.com

[Signature]

Scanned by CamScanner

[Signature]

Department of Mathematical Sciences
I.K. Gujral Punjab Technical University
Kapurthala-144603 Ph. (India)

All rights Reserved with the Publisher
of this book or a part thereof may not be reproduced in any form
without the written permission of the Publisher)

Neither Sharma Publications nor its author
guarantee the accuracy or completeness of any
information published herein, and neither Sharma
Publications nor its author shall be responsible for
any errors, omissions, or damages arising out of
use of this information.

FIRST EDITION : 2019

PRICE : ₹ 500/-

ISBN - 978-93-5181-250-0



Every Copy of this book has the hologram of S P
Students should buy only that book which has the hologram.



Published By : Prof. D.R. Sharma for Sharma Publications,
B.D. 118, Tanda Road, Jalandhar.



Composed By : Nisha Handa for Accurate Centre, Jalandhar.



Printed at : Alpha Printing Press, Jalandhar.

PREFACE

Engineering Mathematics-II is intended mainly for the Students of
B.Tech. (2nd Semester) of Electrical Engineering/Electronics and
Communication Engineering. In this book different related basics as well as
advanced topics have been considered. This book mainly emphasizes on the
practical applications of the concepts discussed in the chapters. The unsolved
exercises are provided section wise for practice.

Suggestions for making the book still more valuable to the students will
be thankfully considered for the future editions of the book.

Dr. Rajesh Kumar Narula

Assistant Professor,

Department of Mathematical Sciences

I.K. Gujral Punjab Technical University, Jalandhar

Number of books and chapters in edited volumes / books published, and papers in national/international conference

Name of the Teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Dr. Rajesh Kumar Narula	Engineering Mathematics-I	--	--	--	National	2018	978-93-5181-240-1	IKGPTU, Jalandhar	Sharma Publications, Jalandhar
Dr. Rajesh Kumar Narula	Engineering Mathematics-II	--	--	--	National	2019	978-93-5181-250-0	IKGPTU, Jalandhar	Sharma Publications, Jalandhar