



One-week
Instructional School
on



Abstract Algebra

December 3–8, 2017



Organized by

DEPARTMENT OF MATHEMATICS

UNIVERSITY COLLEGE OF SCIENCE

OSMANIA UNIVERSITY

HYDERABAD-500007

TELANGANA



Osmania University

Osmania University, one of the oldest and largest educational institutions, reflects the National agenda for higher learning, as well as the aspirations of its founder, Mir Osman Ali Khan, the VII Nizam of Hyderabad. From a conservative centre of study, this 100 years old University has now emerged as a premier institution of higher learning to meet the challenges of the twenty first century.

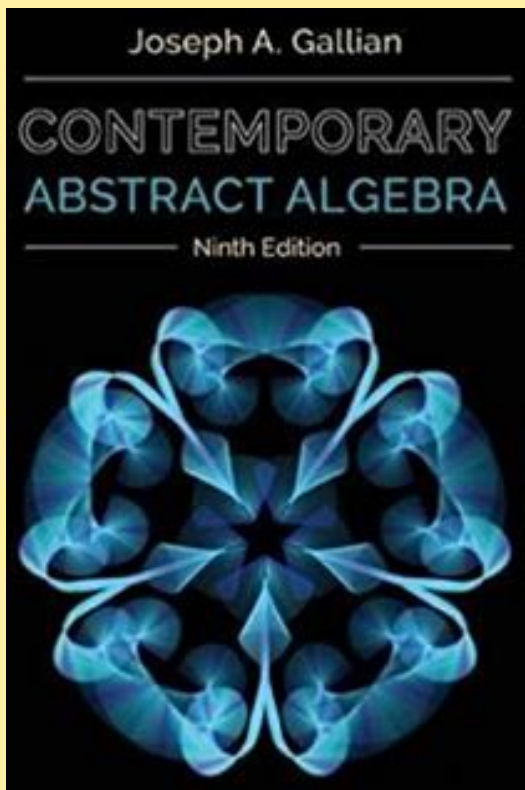
Located in a sprawling campus spread over 1600 acres, the University provides an idyllic surroundings for scholarly pursuits. It has a jurisdiction of over 60,000 sq. km. in the Telangana State, covering a populace of some 20 million, vests the University with more than 500 colleges offering 100 courses to nearly 2.5 lakh students. The University has attracted a sizeable number of students from over 40 countries.

The University has emerged as a national leader in teaching and research with the high standards. Its reputation for academic excellence attracts students from all over India and abroad.



Department of Mathematics

The Department of Mathematics, one of the few departments initiated at the time of the inception of Osmania University, specialises in many area of Mathematics and Computer Science. In recognition of its teaching and research activities the UGC has awarded Departmental Research Support Programme (DRS Phase II) for the period 2000–2005, COSIST Programme for the period 2002–2007, DRS Phase III for the period 2007–2012 and CAS-I for the period 2012–2017, UGC SAP DRS Phase III upgraded to DSA I for the period 2013–2018.



Objectives of the Instructional School

As per the UGC CBCS guidelines, curricula at UG and PG courses in Mathematics have undergone thorough revision during academic year 2016–2017. Therefore it has become imperative for us to arrange some training programs for the mathematics teachers working in various affiliated colleges of O.U. The first workshop in the series held during 17th to 20th September, 2017 on Real Analysis of Semester III of B.Sc. which has received very good response. With the positive feedback from the participants we have now planned to conduct such a workshop on Algebra of Semester IV of B.Sc. during December 3-8, 2017.

Venue of the Instructional School

Conference Hall, Department of Mathematics, Osmania University.

Contacts:

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UCS, Osmania University
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REGISTRATION FORM

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1. Name :
2. Address with e-mail Id & Phone :
3. Registration Fee : Rs. 3000 (Through cheque /DD in favour of Head, Department of Mathematics, OU payable at SBI, OU Branch/cash)

Note

1. Accommodation will be provided subject to availability.
2. If the accommodation is provided the participant has to bear the expenses.
3. Last date for registration is November 30, 2017.
4. As the seats are limited, participants are selected on FIRST COME FIRST SERVE basis.
5. The workshop commences at 10 AM and closes by 5 PM on all the six days.
6. Lunch and high tea will be provided during the workshop where as dinner and breakfast are to be taken care by the participants.

Chief Patron

Prof S. Ramachandram

Vice-Chancellor
Osmania University

Prof Ch Venkata Ramana Devi

Dean, Faculties of Science
UCS, Osmania University

Patron

Prof CH. Gopal Reddy

Registrar
Osmania University

Prof Shivaraj

Principal
UCS, Osmania University

Organizing Committee

Dr. M. Rangamma

Dr. N. Kishan

Dr. Alka Mashalkar

Dr. M Chenna Krishna Reddy

Dr. S. Vijaya Lakshmi

Dr. V Nagaraju

Dr. Y. Rameshwar

Dr. B. Krishna Reddy

Dr. V. Dhanalaxmi

Dr. K. Sree Ram Reddy

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Dr. Lokapavani

Dr. T. Rama Krishna Goud

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Dr. J. Anand Rao

Dr. B Surender Reddy

Dr. C. Goverdhan

Dr. G. Kamala

Dr. S Hari Singh Naik

Dr. V Kiran

Dr. Uma Dixit

Dr. A. Venkata Lakshmi

Dr. B. Balaswamy

Dr. V. Srinivas

Dr. G. Upender Reddy

Dr. M. Sunitha

Dr. K. Ramesh Babu

Mrs. S. Renuka

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Schedule of Lecturers

Day & Date	Session	Topic	Speaker
Sunday 03-12-2017	I: 10 am – 1 pm II: 2 pm – 5 pm	Introduction to Groups, Finite Groups, Subgroups (Unit-I)	Dr. B. Krishna Reddy bkrbkr_07@yahoo.com 9603620002
Monday 04-12-2017	I: 10 am – 1 pm II: 2 pm – 5 pm	Cyclic Groups, Permutation Groups (Unit-I)	Prof. B. Surender Reddy bsrmathou@osmania.ac.in 9000070756
Tuesday 05-12-2017	I: 10 am – 1 pm II: 2 pm – 5 pm	Isomorphisms, Cosets, Lagrange's Theorem (Unit-II)	Dr. G. Kamala bkamaka21@gmail.com 9848020397
Wednesday 06-12-2017	I: 10 am – 1 pm II: 2 pm – 5 pm	Normal Subgroups, Factor Groups (Unit-II)	Dr. V. Kiran kiranmathou@gmail.com 9912959615
Thursday 07-12-2017	I: 10 am – 1 pm II: 2 pm – 5 pm	Introduction to Rings, Integral Domains (Unit-III)	Prof. M. Rangamma rangamma1999@gmail.com 9441482672
Friday 08-12-2017	I: 10 am – 1 pm II: 2 pm – 5 pm	Ideals, Factor Rings, Ring Homomorphisms, Polynomial Rings (Unit-IV)	Dr. C. Goverdhan goverdan_c@yahoo.com 9440130036



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SPEAKERS

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Dept. of Mathematics
UCS, OU

Dr C Goverdhan
Dept. of Mathematics
UCS, OU

Dr V Kiran
Dept. of Mathematics
UCE, OU

Prof B Surender Reddy
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