

## University of Kerala

(Abstract)

Scheme and Syllabus for First Degree Programme in Mathematics under CBCS system- Corrections in the syllabus of Core/Complementary Courses in Mathematics -Approved-Orders issued.

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### ACADEMIC 'AV' SECTION

No.Ac.AV/1/Mathematics/2019

Thiruvananthapuram, Dated:03-06-2019

Read:- 1. UO.No Ac.AV/1/Mathematics/2014 dated 12-12-2014

2.UO.No.Ac.AV/1/Mathematics/2018 dated 20.06.2018

3. Item No.IV(N)III of the minutes of the Annual Meeting of the Faculty of Science held on 05-03-2019.

4. Item No.(II).5(v) of the minutes of the meeting of the Academic Council held on 13-03-019.

### ORDER

The revised Scheme and Syllabus of First Degree Programme in Mathematics under CBCS system had been revised w.ef 2014 and 2018 admissions vide papers read as (1) and (2) above.

The Annual meeting of the Board of Studies in Mathematics (Pass) held on 17/12/2018 has recommended the following:

**1.** The teachers are directed to teach the complementary course- Mathematics IV Abstract Algebra and Linear Transformations (2014 admission onwards )using the textbook ‘ A First Course in Abstract Algebra,Pearson Education Inc. Seventh Edition (2006)’, written by John B Fraleigh.

**2.**The following minor corrections are to be included in the syllabus of 2018 admissions onwards.

**(a)**MM 1441 – Elementary Numbers Theory and Calculus II (Core paper of fourth semester B. Sc Mathematics Main ) : -

Module – 1 Chapter 2 and 3 should be replaced by : Chapter 4 (Section 4.1,4.2,4.3 ) ; Chapter 5 (Sec. 5.1 ) ; Chapter 6 (Sec. 6.1) ; Chapter 7 (Sec.7.1,7.2,7.4).

**(b)**MM 1431 – Basic Statistics and Differential Equations (Fourth Semester Geology ) : -

Module 1 – Topics from Chapter 21 and 22 of text [1] should be replaced by : Topics from Chapter 21 and 22 of Reference [1].

The Faculty of Science endorsed the same vide paper read as (3) above.

The Academic Council vide paper read as (4) above approved the recommendations of the Board of Studies in Mathematics(Pass) as endorsed by the Faculty of Science.

Orders are issued accordingly.

Sd/-

**SOBHANA KUMARI.K**

Deputy Registrar(Acad-II)

For **Registrar**

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