

The Assistant Registrar (Academics)  
University of Kashmir, Srinagar

**Subject:** Submission of MOOCs Course Details for Undergraduate Programmes in Mathematics

Dear Sir,

In reference to your notice **No.F (MOOCS-SWAYAM)Acad/KU/25** regarding the identification of MOOCs courses from SWAYAM, NPTEL, or other approved platforms for undergraduate programmes in Mathematics. Following is the duly filled proforma with details of the identified courses.

The selected courses align with the curriculum requirements of the undergraduate mathematics programme and aim to enhance students' learning through high-quality online content delivered by reputed faculty from premier institutions.

| S.NO | Name of the course                                    | Platform         | Category | Name of Program | No. of Credits |
|------|---|------------------|----------|-----------------|----------------|
| 1    | Partial Differential Equations                        | SWAYAM/<br>NPTEL | Major    | UG              | 2              |
| 2    | Introduction to Abstract Group Theory                 | NPTEL            | Major    | UG              | 2              |
| 3    | Complex Analysis                                      | NPTEL            | Major    | UG              | 2              |
| 4    | Combinatorics   | NPTEL            | SEC      | UG              | 3              |
| 5    | Differential Equations for Engineers                  | NPTEL            | Major    | UG              | 3              |
| 6    | Discriptive Statistics with R-software                | SWAYAM           | SEC      | UG              | 2              |
| 7    | Basics of Non parametric tests with applications in R | SWAYAM/<br>NPTEL | SEC      | UG              | 1              |
| 8    | Real Analysis -II                                     | NPTEL            | SEC      | UG              | 3              |
| 9    | Numerical Methods                                     | NPTEL            | Major    | UG              | 2              |
| 10   | Calculus of One Real Variable                         | NPTEL            | Major    | UG              | 2              |

With Regards

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S.O.  
14/08  
Mr. B. Bhat  
14/08

P.B. 14/08/25  
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