HINDI MAHAVIDYALAYA

(AUTONOMOUS & NAAC RE-ACCREDITED)
(Affiliated to Osmania University)
Nallakunta, Hyderabad-44

B.SC. III YEAR SEMESTER V & VI
DEPARTMENT OF MATHEMATICS
2018-2019

HINDI MAHAVIDYALAYA, NALLAKUNTA, HYDERABAD (AUTONOMOUS)
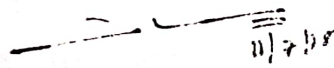## DEPARTMENT OF MATHEMATICS

BOARD OF STUDIES

Chairperson
Mrs. Shravanti Vanga
Head – Department of Mathematics
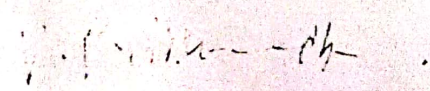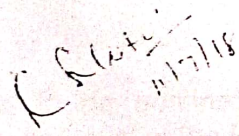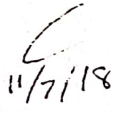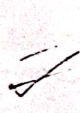Hindi Mahavidyalaya
Nallakunta, Hyderabad.

University Nominee
Prof. N. Kishan.
Chairperson – BOS
Department of Mathematics
Osmania University, Hyderabad.

Members of BOS

1. Dr. J. Anand Rao.
   Head - Department of Mathematics
   Osmania University, Hyderabad

2. Mrs. Arun Jyothi
   Andhra Mahila Sabha
   Arts & Science College
   Osmania University, Hyderabad

3. Dr. Padma Anuradha,
   Mathematics Department
   Govt. City College, Old City, Hyderabad

ALUMNI'S
Dr. Alka Mashalkar
Associate Professor, Mathematics
Osmania University, Hyderabad

HINDI MAHAVIDYALAYA, NALLAKUNTA, HYDERABAD (AUTONOMOUS)
DEPARTMENT OF MATHEMATICS

COMPOSITION OF THE BOARD OF STUDIES IN AN AUTONOMOUS COLLEGE

I. **Composition: Department of Mathematics**
   1. Head of the department concerned (Chairperson)
      Mrs. Shravanti Vanga – Department of Mathematics

   2. The entire faculty of each specialization.
      Mrs. Shravanti Vanga

   3. One expert to be nominated by the vice-chancellor from a panel if six recommended by the College Principal.

      Prof. N. Kishan.Chairperson – BOS, Dept. of Mathematics

   4. Experts in the subject from cutside the college to be nominated by the Academic Council.
      - Dr. J. Anand Rao,
        Head - Department of Mathematics,
        Osmania University,Hyderabad.

      - Smt. Arun Jyothi, Department of Mathematics,
        Andhra Mahila Sabha Arts & Science College,
        Hyderabad.

      - Dr. Padma Anuradha, Department of Mathematics
        Govt. City College, Old City,
        Hyderabad.

   5. One postgraduate meritorious alumnus to be nominated by the Principal. The chairman, Board of Studies, may with the approval of the Principal of the College.

          Dr. Alka Mashalkar, Associate Professor,
          Department of Mathematics,
          Osmania University, Hyderabad.

   6. Experts from outside the College whenever special courses of studies are to be formulated-To be nominated.

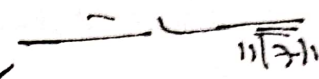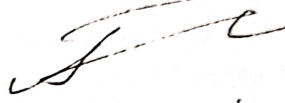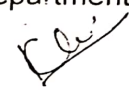   (a) Other members of staff of the same faculty.

HINDI MAHAVIDYALAYA, NALLAKUNTA, HYDERABAD

(AUTONOMOUS)
DEPARTMENT OF MATHEMATICS
BOARD OF STUDIES
Academic Year – 2018-19
Minutes of BOS Meeting

BOS meeting of the Department of Mathematics was held on 11th July 2018, Wednesday at 11:00 AM

The following members were present

Prof. N. Kishan	-	University Nominee
Smt. V. Shravanti Jagdish	-	Chairperson
Dr. J. Anand Rao	-	Head of Department O.U.
Smt. Arun Jyoti	-	Member
Dr. Padma Anuradha	-	Member

3.1   Welcome address by the chair

The chair welcomed the University Nominee, Chairperson BOS, O.U Department of Mathematics and Members of B.O.S.

3.2   Previous Meeting details

The CBCS system has been introduced by Osmania University from 2016-17.The Theory and practical syllabus of I & II and III & IV semester, question paper pattern for theory and practical, internal assessment pattern, practical examination scheme and panel of examiners were discussed and approved by all the BOS Members in previous BOS meeting.

3.3   Details of choice based credit system.

Members were informed that TSCHE has referred that from the academic year 2016-17 autonomous institutions have to follow CBCS i.e. From the Academic Year 2016-17 Osmania University has instructed all the Degree colleges including Autonomous Degree colleges to follow CBCS under which after passing the exam student will get the Grade in the Final Result. 3 Credits are given for theory paper and 1 credit is given for practical in each semester.

3.4   Discussion and Distribution of Common Core Syllabus for Semester V & VI

(i)   Members were informed by the chair that Department of Mathematics, Hindi Mahavidyalaya is following common core syllabus prescribed by Osmania University   for Semester V & VI with few additional topics.

(ii)   The syllabus comprises of 3 units each of core and elective. There are two electives (A & B) for each semester from which any one elective can be chosen.

- Syllabus copy for both the semesters are enclosed.
- Syllabus was approved by the Member of BOS.

3.5   Marks allotted for Internal and End Semester exams.

1. Internal assessment is of 15 marks .In each Semester two internal assessment of 15 Marks will be conducted and an average of both the internal assessments will be added in the marks of Theory exam. (No assignment for 3 credit core).
2. Theory Question paper is of 60 marks.
3. Total allotted marks are 75 for each theory paper DSC / DSE (A&B).
4. Only one internal assessment of 10 Marks will be conducted for SEC & GE and is added to the marks of theory exam.
5. Theory Question paper for SEC & GE is of 40 marks.
6. Total allotted marks are 50 for each SEC & GE.

The distribution of marks was approved by the Member of BOS.

3.6   Discussion on Pattern and Model Paper of Semester Exam, SEC 3 & 4, GE 1 &2 and Model Paper of Internal Exam,

1. It was informed by the department that as per Osmania University CBCS guidelines there is no assignment for 3 credits core and elective papers. In each Semester Two Internal exams will be conducted for 15 marks. The internal assessment will have three sections.

    Section– A   10 Multiple choice questions, each carries ½ marks (10X½ = 5M)
    Section– B   10 Fill in the blanks, each carries ½ marks (10X ½ = 5M) and
    Section– C   05 short notes, each 1mark (5X1=5)

    Average of marks of these two internal exams will be taken.

2. Semester exam will be conducted as per the Almanac which will be provided by the exam branch. Internal exam duration will be 30Minutes and Semester exam duration will be of 3 hrs.

3. Model Question paper for Semester V and Semester VI was discussed. Theory paper for each Semester will have 2 sections.
    (i)   Section A contains 8 short Questions. The student has to answer any five questions. Each Question carries 3 Marks   (5X3=15 Marks)
    (ii) Section B contains 3 Essay type Questions with internal choice. Each Question carries 15 Marks   (3X15=45 Marks)

4. Model Question paper for SEC & GE Semester V and Semester VI was discussed. Theory paper for each SEC & GE will have 2 sections.
    (i)   Section A contains 2 short Questions. The student has to answer TWO questions. Each Question carries 5 Marks   (2X5=10 Marks)

        Section B contains 2 Essay type Questions with internal choice. Each Question carries 15 Marks   (2X15=30 Marks)

*   Pattern of Model Theory Question Papers for DSC (V &VII), DSE (VI & VIII A/B), and SEC Paper 3 and 4 & GE 1 and 2 papers are enclosed.

*   Pattern of Model Theory Question Papers for DSC, DSE, GE & SEC was approved by Members of BOS.

3.7   Discussion on Practical Exam Model paper.

It was decided in BOS meeting that 50 Marks Practical Exam of 2 hrs will be held in each Semester and 1 credit will be given for Practical in each Semester.

The Practical model paper of Sem III & IV, Sem V(Paper V & VI) and Sem VI(Paper VII & VIII) was approved by the Member of BOS.

3.8   Panel of Examiners

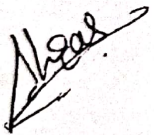The panel of examiners was approved by the members. List is enclosed

3.9   Any other matter.

1. It is resolved to follow that the practical examinations held for B.Sc. II Years from the academic year 2018-19 onwards will have the pattern of 25 marks scheme and the credits will remain the same i.e. 1 credit. The duration of the exam will be 2 hours.
2. It is suggested by the members of BOARD OF STUDIES that, to compress the syllabus of Semester VI, Paper VII (Numerical Analysis), Paper VIII(Complex Analysis).
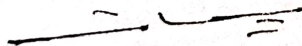
3.10   Vote of Thanks

Meeting concluded with the Vote of Thanks by Smt. V. Shravanti Jagdish

Chairperson   University Nominee   Members   Principal

1.

2.   I/C. PRINCIPAL
            HINDI MAHAVIDYALAYA
            Arts, Commerce & Science
3.   Nallakunta