

Minutes of the 2nd meeting of Board of Studies of Centre for Applied Mathematics held on 6th March, 2017

The 2nd meeting of the Board of Studies of Centre for Applied Mathematics held on 06-03-2017 in the Chairmanship of Prof. R. K. Dey, Dean, School of Natural Sciences with the following members:

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| 1. Prof. R. K. Dey, Dean (SNS) | -Chairman |
| 2. Prof. S. A. Katre, Department of Mathematics, S. P. Pune University | - External Member |
| 3. Prof. M. K. Singh, Department of Mathematics, Ranchi University | - External Member |
| 4. Dr. Manoj Kumar, Associate Professor, CEVS | -Member |
| 5. Dr. P. K. Parida, Assistant Prof., CAM | - Member |
| 6. Dr. J. Tanti, Coordinator (Assist. Prof.), CAM | -Member |
| 7. Dr. Soumen Dey, Assistant Professor, CAC | -Member |
| 8. Dr. Dharmendra Singh, Assistant Professor, CAP | -Member |
| 9. Dr. Hrishikesh Mahato, Assistant Professor, CAM | -Member (Invitee) |
| 10. Dr. J. Kumar, Assistant Professor, CAM | -Member (Invitee) |

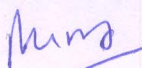
Meeting started with a welcome note of Prof. R. K. Dey, Dean (SNS), who welcomed the esteemed members who have kindly consented to attend the meeting followed by the deliberations regarding course structure, syllabi, etc. presented by Dr. J. Tanti, Coordinator. Dr. J. Tanti presented the progress of the Centre achieved during last one year after 1st BOS meeting and discussed all the agenda items thoroughly.

Resolutions adopted:

1. The Board recommended the Confirmation of the minutes of 1st Board of Studies meeting held on 28-01-2016 with the addition of the book "Write Mathematics Right" by L. Radhakrishna (2013) in the syllabus of "Research Methodology" as a rapid reader.
2. Board recommended Confirmation of the minutes of 1st CSC meeting held on 28-01-2016.
3. Board approved the Departmental Research Committee (DRC) of Centre for Applied Mathematics.
4. Board approved the Research Advisory Committees (RAC) of Ph.D. students of Centre for Applied Mathematics.
5. Board approved the Course Structure and Syllabus for 2 year M.Sc. in Mathematics with some minor rectifications.
6. Board approved the Course Structure and Syllabus for Ph.D. in Mathematics with some minor rectifications.
7. The Board approved the appointment of faculty members of institutions of national importance as Examiners / Paper setters.
8. Board approved the Progress Reports of Ph.D. students.
9. Board approved the Ph.D. admission of Ms. Shipra Kumari and Mr. Amit Kumar Prasad.
10. Board approved the Pre-registration Seminar reports of Ph.D. students: Mr. Prasanta Kumar Sahoo.
11. Board recommended the following addition in Classical Mechanics (2yr. M.Sc.): Integrals of Motion: Ignorable Coordinates, Routhian function. After Hamilton's Principle and principle of least action, addition of 'Hamilton Jacobi equation, Poisson and Lagrange's Brackets, Canonical transformation'.
12. Board recommended the addition of "Independent events, Mutually exclusive events" in Statistics-I after Conditional Probability.
13. Board recommended the addition of "Linear congruence" in Number Theory.
14. Board recommended to shift Statistics-I to 2nd semester and the papers Data Structure and Algorithm, Statistics-II may be electives in 3rd semester.
15. Board recommended not to keep any specialisation in the M.Sc. syllabus, however in future when enough resources are available, specialisation may be incorporated.
16. Board recommended to rename the paper 'Topology' as "Metric Spaces and Topology".



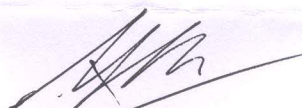
17. Board recommended to rearrange the M.Sc. Syllabus with maximum credit 80 and at most 5 papers in every semester.
18. Board recommended to put the electives of 3rd and 4th semesters together.
19. Board recommended to add a paper "Graph Theory" as elective in the syllabus.
20. Board recommended the eligibility criteria for MA/M.Sc. in Mathematics as "Bachelor degree" with Mathematics as a subject in all the three years.
21. Board recommended Research Methodology of 5 credits as a compulsory paper, and elective papers of at least 7 credits in total, for the Ph.D. course work.



Prof. R. K. Dey,
Chairman



Prof. S. A. Katre,
External Member



Prof. M. K. Singh
External Member



Dr. Manoj Kumar
Member



Dr. P. K. Parida
Member



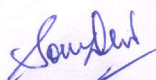
Dr. J. Tanti
Member



Dr. H. Mahato
Member



Dr. J. Kumar
Member



Dr. Soumen Dey
Member



Dr. Dharmendra Singh
Member