

RAMANUJAN MATHEMATICAL SOCIETY

COMPACT COURSE PROGRAM

FORM B (To be filled in by the local coordinator and to be submitted through the RMS main faculty to RMS coordinator Prof. Phoolan Prasad)

1. Name and address of the RMS main faculty: Professor Ravi Kulkarni
Bhaskaracharya Pratisthana, Pune
2. Name and address of the RMS Associate Faculty / Tutor
(i) Prof. M. M. Tripathi, Dept. of Maths, BHU Varanasi.
(ii) Dr. Banktेशwar Tiwari, DST-CIMS, BHU Varanasi
3. Name and address of the local coordinator: Dr. Banktेशwar Tiwari, DST-CIMS,
Faculty of Science,
BHU Varanasi-221005
4. Name of the Institution of the CC with address: DST-CIMS, Faculty of Science,
BHU Varanasi-221005
5. Period of the Course: 2 weeks(16-28 Feb, 2015)
6. Class and topic: M.Sc., Riemannian Geometry
7. Text followed: (i) T.J. Willmore: Riemannian Geometry
(ii) M.P. DO Carmo - Riemannian Geometry.
8. Total strength of the class: 35
9. How many of them are from other institutions?
One research scholar Mr. Akhilesh Kumar from University of Allahabad have attended the course.
10. Number of faculty who attended the course:
From the host institution: Two
From other institutions: -

11. A report based on the questionnaire submitted by the students:

There were three contact hours daily for two weeks. The timing of the contact hour was 2-5 pm. After completion of the first lecture there was a tea break, followed by second lecture/ problem solving session.

Feedback forms in the following format were provided to the participants of the Compact Course to give marks for serial 1 to 6 at 10 point scale and to write in words for serial 7 and 8 -

1.	The lectures were well prepared and organized
2.	The instructor spoke clearly and audibly
3.	The lectures were easy to understand
4.	The instructor was aware of how well the students understood the subject
5.	The instructor encouraged the students to interact during the lecture.
6.	The instructor encouraged the students to solve the exercises
7	Which topics did you learn well during the course?
8	You are welcome to give any further suggestions or comments

The average marks given for questions 1 to 6 were respectively 8, 8.4, 8.2, 8.5, 8.3, 8.1. Some participants have mentioned that the program was really useful for their M.Sc. course and specially for basic understanding of the subject. In serial 7 some students mentioned that they really learned topics like Covering space theory, Quotient space, Group action, Differential manifold, Tensor, Riemannian metric and connection, Isometry and local Isometry, Gauss theory of surfaces, etc. In serial 8 some participants have suggested to organize more such programs at BHU.



Signature of local coordinator

04.03.2015

Date

RAMANUJAN MATHEMATICAL SOCIETY

COMPACT COURSE PROGRAM


FORM D (To be filled in by the Head of the Department and to be submitted through the RMS main faculty to RMS coordinator Prof. Phoolan Prasad)

1. Name of the Institution with address: DST-CIMS, Faculty of Science,
BHU Varanasi-221005
2. Subject for the Compact Course: Riemannian Geometry
3. Number of participants:
Your students: Ten PhD students, 25 M.Sc. students
Students from other institutions: One
Faculty from your department: Two
Faculty from other institutions: Nil

4. Please write a short paragraph giving your impressions about this course:

The Compact course on Riemannian Geometry for M.Sc. students organized at DST-CIMS, BHU Varanasi was highly appreciated by the participant. The resource persons deserve special thanks for creating an unprecedented interest among the participants for the subject. It was evident from the off class room discussions taking place at Centre before and after the scheduled classes. Faculty members of the DST-CIMS are requested to have more advanced level lectures of Prof. Kulkarni which will provide clear cut understanding of the current research problems related to the field and in its turn it is expected to attract many more to do research work in this field.

Date: 04-03-2015


Signature with address
Coordinator
DST-Centre for Interdisciplinary
Mathematical Sciences, (CIMS)
Faculty of Science, BHU
04/03/15