DEPARTMENT OF MATHEMATICS
MAHARAJA'S COLLEGE, ERNAKULAM
KOCHI - 682 011.

MEMORANDUM OF UNDERSTANDING

Between

CENTRE FOR TOPOLOGY AND APPLICATIONS
Of
Rajagiri School of Engineering & Technology(Autonomous)
Rajagiri Valley, Kakkanad,

And

Mathematics Department of
Maharaja's college(Autonomous), Ernakulam

This Memorandum of Understanding (MOU) is entered into by and between CENTRE FOR TOPOLOGY AND APPLICATIONS of Rajagiri School of Engineering & Technology(Autonomous), Rajagiri Valley, Kakkanad and Mathematics Deparment of Maharaja's college(Autonomous), Ernakulam

1. Purpose

The Parties recognize the benefits to be derived from increased collaboration cooperation and interaction for promoting excellence in teaching-learning process. The purpose of this MOU is to define the areas for fundamental, academic research in which the Parties desire to work together in the future for their mutual benefit to foster a collaborative framework between both the institutions

2. Scope

This MOU sets forth the intentions of the Parties for increased collaboration cooperation and interaction and does not create any legally binding commitments. If the Parties later agree to undertake specific joint projects with legally binding obligations, they will develop separate written agreements for such projects, setting out each Party's contributions, deliverables, and budgets. The Parties intend to pursue collaboration on

- Academics aiming at inclusive education
- Organizing online interaction between faculty and students
- Sharing and exchanging of information on various student development programs initiated in both the institutions
- Participation in various academic bodies of both the institution as and when required

3. Duration

This MOU shall be effective for a period of five years from the date of final signature. It may be modified or extended by mutual written agreement by the Parties. This MOU may be terminated by either party upon six (6) months advance written notice.

The Parties to this Memorandum of Understanding hereby confirm their agreement to its terms by the following signatures:

CENTRE FOR TOPOLOGY AND APPLICATIONS

By _Dr. Vinod Kumar P B_

Date _18-06-2019_

Dr. VINOD KUMAR
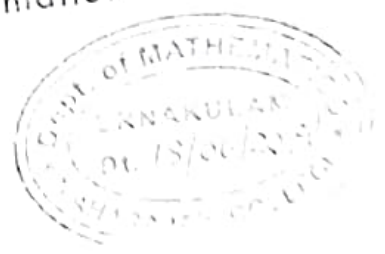Professor in Math
Rajagiri School of
Rajagiri Valley
Kochi

MAHARAJA'S COLLEGE, ERNAKULAM

By _Dr Bloomy Joseph._ ...t. of Mathematics

Date _18-06-2019_

DEPARTMENT OF MATHEMATICS
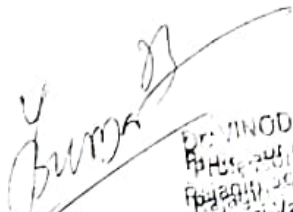# MAHARAJA'S COLLEGE, ERNAKULAM
KOCHI - 682 011.

Collaboration Agreement

Maharaja's College(Autonomous), Ernakulam is a well-known Government Autonomous Institution under Mahatma Gandhi University established in 1875 and has a very rich tradition. This Centre of Excellence in higher education was accredited by NAAC with an A Grade in its two successive period of accreditation and has recognized as a College with Potential for Excellence by UGC. The Department of Mathematics of this prestigious institution got the Post Graduate department status in1951 and upgraded to a research centre in Mathematics.
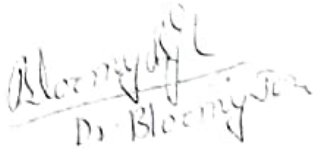
Centre for Topology and Applications (CETA) was established in Rajagiri School of Engineering & Technology (RSET)- Autonomous- in October 2018.The centre aims at promoting original research in the areas of Topology – especially on Topological Dynamics , Chaos Theory, Fractal Geometry, Data Analysis, Complex Dynamics, Morphology, Graph Theory, Topological signal Processing and related areas. In line with the policies of Dept. of Higher Education, Govt. of India , CETA wish to develop to a Centre with Potential for excellence and finally to a Centre of Excellence in Topology and Applications. Research Collaborations with institutions in India and abroad where research in similar areas are taking place is envisaged. The objective of the centre is to strengthen research collaborations and research activities among the researchers/institutions in India and abroad. Activities of the centre are financially supported by National Board for Higher Mathematics, India and Department of Science & Technology, India.

The Department of Mathematics, Maharajas College Ernakulam and Centre for Topology and Applications (CETA) Rajagiri School of Engineering & Technology (RSET) here by agree to collaborate in their academic activities to enhance the teaching- learning process of both Departments. The area of collaboration include interaction between the faculty and students, research collaboration, Sharing and exchanging of information on various student /faculty development programme initiated by both the institutions and also participation in various academic bodies of both the institution as and when required.

Co-ordinator

Centre for Topology and Applications (CETA)
Rajagiri School of Engineering & Technology (RSET)

Head

Dept. of Mathematics
Department of Mathematics
Maharajas college, Ernakulam