Maharani Lakshmi Ammanni College for Women **Autonomous**

Affiliated to Bengaluru City University
Re-accredited by NAAC with "A" grade, Recognised by UGC
under Section 2(f) and 12(b) of the UGC Act 1956
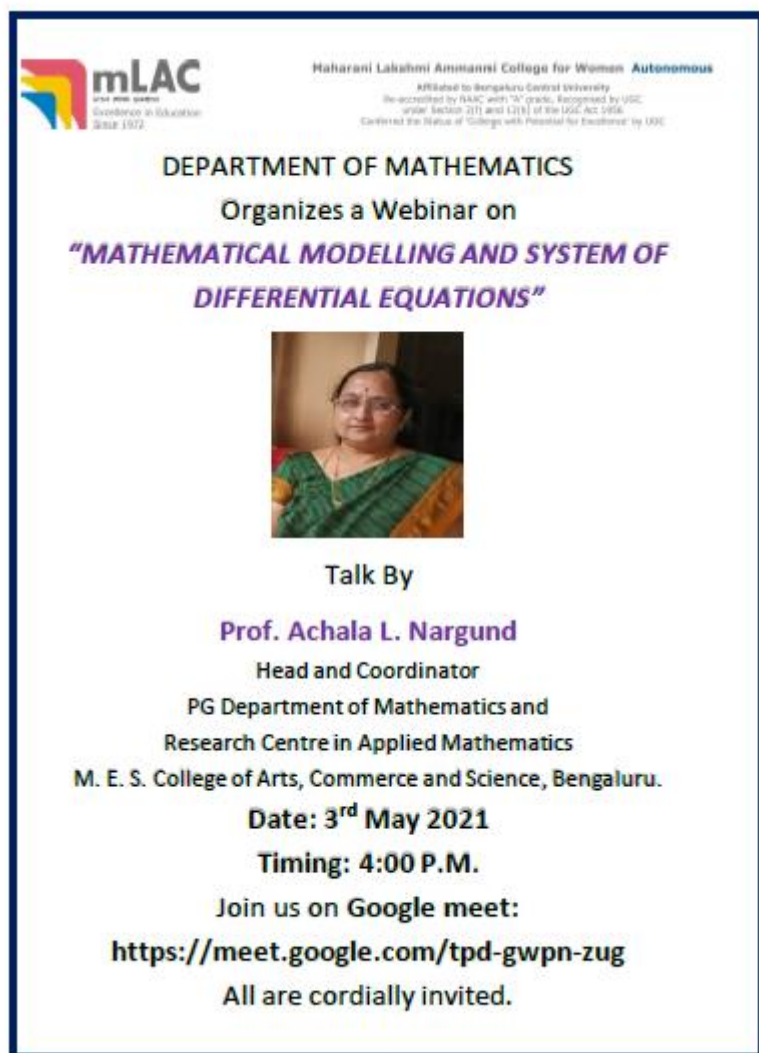Conferred the Status of 'College with Potential for Excellence' by UGC

Title: Mathematical Modelling and System of Differential Equations

Date: 03/05/2021

Resource Person: Prof. Achala L. Nargund, MES College, Malleswaram.

Circular/Brochure:

Report:

The department of mathematics, mlac had organised a webinar for final year Bsc pcm and pmc students. The topic was "Mathematical Modelling And System of Differential Equations" on 3rd may 2021 at 4pm -5pm via google meet. The resource person was Prof. Achala L. Nargund, head and coordinator of PG Department of Mathematics and research centre in Applied Mathematics, M.E.S Degree College of Arts, Commerce and Science. Over 71 students and 4 faculties had been a part of this webinar.

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The session began by welcoming Prof. Achala L. Nargund ma'am from Lakshmi B N, department of Mathematics, mlac. Prof. Achala ma'am gave detailed information on "System of Equations" by giving practical examples and we use it in our daily basis. Ma'am also related some real situations to mathematics and made the session interesting . Ma'am also mentioned about "Types of Solutions" with graphical representations.

The session was also focused on present day situation, the covid-19 crisis. Journey of Covid-19, 3 stages(corona positive,infected,Covid-19)and "Modelling of Covid 19". Ma'am gave brief introduction of mathematical modelling for epidemics explaining   with an example, modelling infectious diseases.