



# Certificate

of Contribution Awarded to

**B Ravi Kumar & G Manikya Rao**

Has successfully contributed and published a paper

**ANALOG FILTERS - BUTTERWORTH HIGH PASS  
FILTERS- A NUMERICAL STUDY OBTAINED FROM  
APPROXIMATE METHODS**

In an

International Peer Reviewed & Refereed

**Scholarly Research Journal for  
Interdisciplinary Studies**

ISSN 2278-8808, SJIF 2019:6.380

**PEER REVIEWED & REFEREED JOURNAL**

SEPT-OCT, 2020 VOLUME 8, ISSUE 61, RELEASED ON 01/11/2020



Certificate No. SRJIS 50/50/2020

A handwritten signature in black ink, appearing to read "Dr. Yashpal D. Netragaonkar".

Dr. Yashpal D. Netragaonkar