Conflict of Interest Statement

We wish to confirm that there are no known conflicts of interest associated with this publication and there has been no significant financial support for this work that could have influenced its outcome. We confirm that the manuscript has been read and approved by all named authors and that there are no other persons who satisfied the criteria for authorship but are not listed. We further confirm that the order of authors listed in the manuscript has been approved by all of us. We confirm that we have given due consideration to the protection of intellectual property associated with this work and that there are no impediments to publication, including the timing of publication, with respect to intellectual property. In so doing we confirm that we have followed the regulations of our institutions concerning intellectual property. We understand that the Corresponding Author is the sole contact for the Editorial process (including Editorial Manager and direct communications with the office). He/she is responsible for communicating with the other authors about progress, submissions of revisions and final approval of proofs. We confirm that we have provided a current, correct email address which is accessible by the Corresponding Author and which has been configured to accept email from

Name of the Correseponding Author : Dr.Meera A

Email Address: amira.ece@bmsce.ac.in

Affiliation: Professor, Department of Electronics and Communication

Institution: BMS College of Engineering, Bengaluru

Signed by all authors as follows:

Name of the Authors

- Mrs. Smitha P
 smithap.ullal@gmail.com
 Research Scholar
 Department of Electronics and Communication
 BMS College of Engineering,
 Bengaluru-560019
- Dr.Nanjraj C P drnanjaraj@gmail.com Professor and Head Department of Radiodiagnosis Mysore Medical College
- Dr.Meera A
 amira.ece@bmsce.ac.in
 Professor
 Department of Electronics and Communication
 BMS College of Engineering,
 Bengaluru-560019

Dated Signatures

26/09/17

Qij/19/17.

To 36/9/19.

Dr.Savithri Bhat
 Hod bt@bmsce.ac.in
 Professor and HOD
 Department of BioTechnology
 BMS College of Engineering,
 Bengaluru-560019

26/09/12