



**UNIVERSITY OF CALICUT
(Directorate of Research)**

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251342/RESEARCH-C-ASST-1/2019/Admn

30.09.2020

NOTIFICATION

AWARD OF RESEARCH DEGREE IN PHYSICS

It is hereby notified that, the Syndicate of this University at its meeting held on **09.09.2020** resolved vide **Item No.2020.822*** to award the Degree of Doctor of Philosophy (Ph.D.) in **Physics** in the Faculty of Science to **Mr. Joe Kizhakooden**, Research Scholar (Registration Order No.DoR/B3/3442/Ph.D 2012 (Other Centres) dated 07.01.2013) under the supervision of Research Guide, **Dr. V. P. Joseph**, Associate Professor, Department of Physics, Christ college, Irinjalakuda, for the thesis entitled "**METAMATERIAL INSPIRED MICROWAVE HORN AND PATCH ANTENNAS FOR MODIFIED STRUCTURAL AND RADIATION CHARACTERISTICS**".

This award is effective from 30.07.2020

Dr. M. Nasser

Director of Research

To

Dr.Joe Kizhakooden
Kizhakooden House
Kayyala Road, Olarikkara
P O Pullazhi, Thrissur-680012



Copy to:

- 1). The Examiners (With Compliments)
- 2). Dr.V.P.Joseph (Supervising Teacher)
- 3). The Principal, Christ College, Irinjalakuda
- 4). The Librarian, C.H.M.K. Library, University of Calicut
- 5). The Controller of Examinations, University of Calicut
- 6). The P.S. to Vice-Chancellor, University of Calicut
- 7). The P.A. to Pro-Vice-Chancellor, University of Calicut
- 8). The P.A. to Registrar, University of Calicut
- 9). The P.R.O., University of Calicut
- 10). DoR 'B' Section, University of Calicut
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