

**N.S.S COLLEGE NEMMARA**  
**DEPARTMENT OF PHYSICS**  
**Annual report of Departmental Activities 2019-20**

Department secured a pass percentage of 90 in BSc Physics during the academic year 2019-20. All the students of the Department has completed their BSc project inhouse itself. All the faculty members of the department guided the projects and helped the students with their presentation.

Apart from this, faculty members of the department have signed collaborations for sharing research and academic knowledge. The activities include supervising post graduate and graduate students for their Project, conducting collaborative programmes and conducting capacity building workshops. The present academic year, Dr. Rajesh R has signed a collaboration with Department of Physics, Yuvakshetra Institute of Management studies, Mundur. Dr. Rajesh R has given an invited lecture at Yuvakshetra college on the topic “From Galaxies to Quarks” on 18.12.2019 at 10 am .

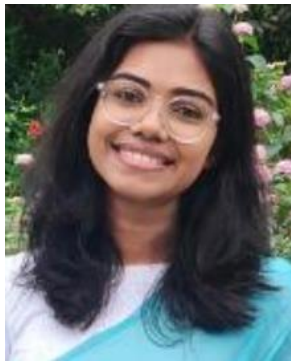


Dr. Haripadmam P C, Assistant Professor of the department has supervised an M Sc project and the student , Thanuja T H was from NSS College Ottapalam. The work was entitled as “Development of C. Redflash dye doped PVA films for photonic applications”. Thanuja T H has got ASPIRE scholarship from the Department of Collegiate Education for the same work.

## Publications

1. Magnetic properties of  $MFeCrO_4$  ( $M= Co/Ni$ ) prepared by solution combustion method, Thomas, Nygil; Sudheesh, V D; Choudhary, Harish Kumar; Sahoo, Balaram; Nair, Swapna S; Lakshmi, N; Sebastian, Varkey, Journal of Superconductivity and Novel Magnetism, 2019, 1557-1947

## University Rank



Gopika S  
5<sup>th</sup> Rank

## A ZONE PARTICIPATION AND ACHIEVEMENTS

- Kavya Jayan- Light Music 3<sup>rd</sup> prize

## Sports

- 5th Junior District Netball Championship

Athul Prakash J



- 32nd Kerala State Junior Netball Championship Athul Prakash J
- 5th Senior District Netball Championship Athul Prakash J and C V  
Ajayakumar
- C- Zone Volleyball Championship Harish H
- District Youth Volleyball championship Harish H
- Calicut University Volleyball Championship Harish H
- Inter College Sepaktakraw Championship Athul Prakash J and C V  
Ajayakumar

#### PLACEMENT/HIGHER STUDIES

1. 9 students have joined for MSc programme