

# SSES Amt's Science College, Congress Nagar, Nagpur

## INSPIRE Camp

### Session 2017-18

*Volunteers, Office Bearers of Physics Society and Faculty members of the department worked for DST Sponsored INSPIRE Camp March 2018*



Students: Rupal Raut, Yashpal Pawar, Anurag Kulkulewar, Damodar Katekar, Rutuja Kurlekar, Anuja Kondalkar, Jayant Sarkar, Nikhil Sagare, Bhumika Ghumde, Shikha Kumari, Vishakha, Arvind Kardam, Omkar Wakudkar, Hitesh Algamwar, Gaurav Salwatkar, Prathamesh Gadre, Madhura Gadekar, Apoorva Petkar, Vivek Gupta, Vaishnavi Parhad, Neelam Singh, Roshni Pahuja, Khemchandra Kamble, Vaibhav Gohane, Kapil Hedao  
Faculty: Prof Ruchir Kumar, Dr S W Anwane, Dr S S Darokar, Prof Pratik Deshmukh









Like every year, the college has organized INSPIRE camp at our college during 26-30th March 2018 for which the Department of Physics had usual responsibility of demonstrating listed experiments for all students registered for the INSPIRE Camp. The experiments to be arranged for demonstration are;

Wavelength of LASER using Grating, Na vapor lamp by using Grating, Surface tension by capillary raise method, Wavelength/radius of curvature by Newton's ring, Resolving Power of

Telescope, Magnetic field along axis of the coil,  $e/m$  by Thomson's method, Helmholtz Resonator, Op Amp Inverting Amplifier, Half Adder and Full Adder

24 students were trained by the faculty members and contributed in preparation of manuals with the help of teachers and conducted activity of hands-on experimental exposure to all student participates of INSPIRE Camp students. I whole heartedly appreciate the enthusiasm of students of the department who worked with zeal and enjoyed the assignment.