

## DBT Star College Scheme 2019-2022

### Department of Physics and Electronics

#### Projects undertaken by students 2019-21

S No	Name of the faculty	Title of the project	No of beneficiaries	Nature of beneficiaries
1	Mrs M Prasanna	<ul style="list-style-type: none"><li>Heart Beat sensor using Microcontroller</li><li>Temperature Monitoring using Microcontroller</li><li>Arduino based Robotic Car</li></ul>	11	B.Sc MECs SEM II, SEM IV and SEM VI Students
2	Mr T V L N H Prasad	Microcontroller based Frequency Counter	2	
3	Mrs P Lavanya	<ul style="list-style-type: none"><li>Voice Controlled home automation using node MCU</li><li>IoT based temperature and humidity monitoring system</li></ul>	4	
4	Mrs Sai Santoshi	Measurement of refractive index of different oils-Boys' Method and Pulfrich refractometer	4	B.Sc MPCs SEM IV and SEM VI Students

#### Projects undertaken by students (Interdisciplinary Projects)2019-21

S No	Name of the faculty	Title of the project	No of beneficiaries	Nature of beneficiaries
1	Dr. GSVRK Choudary	Synthesis and Characterization of Nanoparticle by sol gel, Coprecipitation and Reverse Miscelle methods	10	B.Sc Life Sciences students