

# **SPECTRAL AND TIMING ANALYSIS OF BLACK HOLE CANDIDATE**

**MAXI J1535-571**

Project Report submitted to  
**UNIVERSITY OF CALICUT**

In partial fulfillment of the requirements for the award of the  
Degree of  
**MASTER OF SCIENCE IN PHYSICS**

by

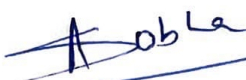
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# **GRAPHENE SYNTHESIS USING LIQUID PHASE EXFOLIATION METHOD**

**PROJECT REPORT SUBMITTED TO  
UNIVERSITY OF CALICUT**

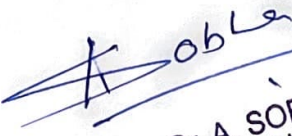
**In Partial fulfillment of the requirements for the award of the Degree of  
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**ALEENA WILSON  
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# **SPECTRAL ANALYSIS OF PIXL INSTRUMENT DATA**

Project Report to University of Calicut

In Partial fulfillment for the Degree of  
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**PREPERATION OF MgO.ZnO  
NANOPARTICLE BY ALOEVERA  
EXTRACT AND EFFECT OF  
ANNEALING TEMPERATURE**

Project Report submitted to  
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# SYNTHESIS AND CHARACTERIZATION OF ZnO NANOPARTICLES FROM THE LEAF EXTRACT OF PAPPAYA

Project Report to University of Calicut

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# **COPPER OXIDE NANOPARTICLES BY MICROWAVE RADIATION METHOD**

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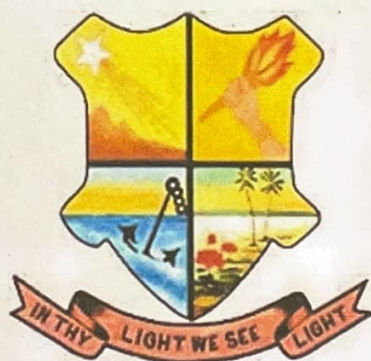
# **HUBBLE DIAGRAM USING SKYSERVER DATABASE**

Project Report submitted to  
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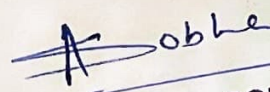
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# **GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES**

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UNIVERSITY OF CALICUT**

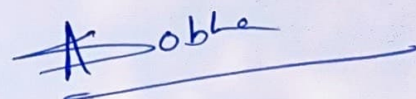
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# **STRUCTURAL STUDIES OF Dy<sub>10</sub>Co<sub>20</sub>Si<sub>70</sub> ALLOY**

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# **SYNTHESIS CHARACTERIZATION AND OPTIMIZATION OF CARBON QUNATUM DOTS USING HYDROTHERMAL OIL BATH METHOD**


Project Report to University of Calicut

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# **CONTACT ANGLE MEASUREMENTS ON ZnS QUANTUM DOTS FOR PRINTABLE ELECTRONICS APPLICATIONS**

Project Report submitted to  
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# **KINEMATIC STUDIES OF CARBON STARS**

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# **CONTACT ANGLE MEASUREMENTS ON CdS QUANTUM DOTS FOR PRINTABLE ELECTRONICS APPLICATIONS**

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# STUDIES ON STELLAR SPECTRAL CLASSIFICATION USING SDSS DATA

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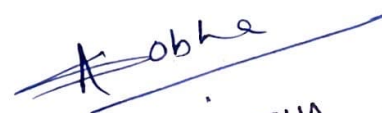
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