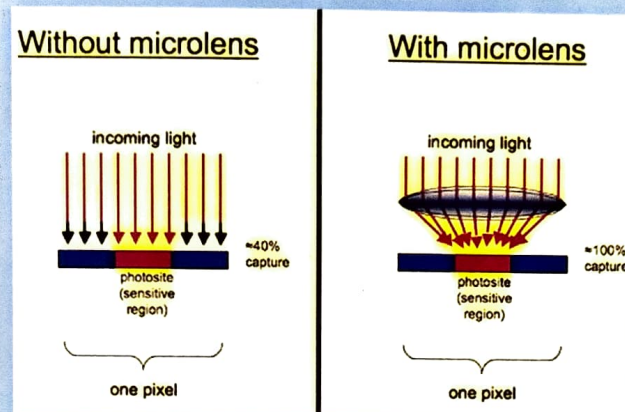


A project report on

**"COUPLING OF LASER DIODE TO SINGLE MODE CIRCULAR CORE  
STEP AND GRADED INDEX FIBER VIA HYPERBOLIC  
MICROLENS ON THE FIBER TIP AND IDENTIFICATION OF THE  
SUITABLE REFRACTIVE INDEX PROFILE "**



For the partial fulfillment of fourth semester examination  
of M.Sc. in Electronics Degree for the Session 2014 – 15.

Under the supervision of  
**Mr. Aswini Kumar Mallick**  
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## CERTIFICATE

*This to certify that MISS NURJAHAN KHATUN and MISS ANJANA KUNDU have carried out their investigation entitled "COUPLING OF LASER DIODE TO SINGLE MODE CIRCULAR CORE STEP AND GRADED INDEX FIBER VIA HYPERBOLIC MICROLENS ON THE FIBER TIP AND IDENTIFICATION OF THE SUITABLE REFRACTIVE INDEX PROFILE" jointly during the period from January 2015 to May 2015 under my supervision in partial fulfillment of requirement for the degree of MASTER OF SCIENCE in ELECTRONICS in VIDYASAGAR UNIVERSITY.*

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