



**OFFICE, PRINCIPAL GOVERNMENT TULSI COLLEGE, ANUPPUR**

**Affiliated to Awadhesh Pratap Singh University Rewa (MP)**

Registered Under Section 2 (F) & 12 (B) of UGC Act

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Serial No. G14111001

Enrollment No. 096551

**JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY  
GUNA (M.P.)**



Upon approval of the Governing Body hereby confers the Degree of

**DOCTOR OF PHILOSOPHY**

on

*Ashish Gupta*

in the field of

**PHYSICS**

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor

*[Signature]*  
Chancellor

09 May 2014

*[Signature]*  
PRINCIPAL  
Govt. Tulsi College Anuppur  
Distt. Anuppur (M.P.)