

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Declared as Deemed to be University U/S 3 of UGC Act, 1956)

NOIDA



Upon approval of the Board of Management, hereby confers the Degree of

DOCTOR OF PHILOSOPHY

on

Kapila Kumar

in the field of

BIOTECHNOLOGY

[Signature]
Registrar

Noida

29 July 2013



[Signature]
Vice - Chancellor

[Signature]
Chancellor

Kapila