

**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY,
JALANDHAR
Ph.D NOTIFICATION**

Endst. No. IKGPTU/Ph.D/R&D/278

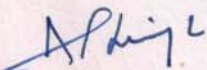
Dated: 26-9-17

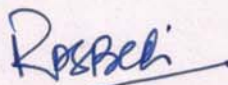
Revised Notification: IKGPTU/2017/328 for the Ph.D degree award

With the approval of competent authority, the IKG PTU notifies for the award of Ph.D degree to Mr/Ms. *SANKALAP ARORA S/D/o RAJ KRISHAN ARORA*, Regd. No.1203017 in the faculty of *Engineering (Computer Science and Engineering)*.

| Year of Enrolment | Date of Viva-voce | Title of the Thesis | Name & Address of the Research Supervisor |
|-------------------|-------------------|---|--|
| 2012 | 17.07.17 | <i>STUDY AND INVESTIGATIONS ON BIO-INSPIRED OPTIMIZATION ALGORITHMS</i> | <i>Dr. Satvir Singh Associate Professor, IKG PTU, Kapurthala</i> |

The final degree will be conferred in the annual convocation of the University.


Dean (R&D)


Controller of Examination


Registrar