



Education to Eternity

JAIDEV EDUCATION SOCIETY'S
J D COLLEGE OF ENGINEERING & MANAGEMENT

An Autonomous Institute

(Affiliated to Dr. Babasaheb Ambedkar Technological University of Maharashtra)

POST: VALNI, AT: KHANDALA, KATOL ROAD, NAGPUR

Ph.D. Course Work

Session Jan 2020-21

Review of Literature

Sample Copy

| Sr N | Author & Year | Publisher | Title of Paper | Parameters Studied | Analysis Technique | Result |
|------|-----------------------|-----------|--|---|--|--|
| 1 | Y. Y. Wang, 2017 | Elsevier | Spintronic materials and devices based on antiferromagnetic metals | Manipulation of antiferromagnetic moments by magnetic fields, ferromagnetic materials & electric fields. | Field cooling procedure, x-ray magnetic linear & circular dichroism. | AFM metals are now ready to join the rapidly developing field of basic and applied field of spintronics, enriching this area of solid state physics. |
| 2 | Sabpreet Bhatti, 2017 | Elsevier | Spintronic based random access memory : a review | Magnetic random access memory (MRAM), Spin transfer torque (STT), Perpendicular magnetic anisotropy (PMA) | This is a review paper | New materials with higher anisotropy, lower damping constant will be key to achieve thermal stability and writability. |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |

| | | | | | | |
|----|--|--|--|--|--|--|
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | | | | | | |

| | | | | | | |
|----|--|--|--|--|--|--|
| 23 | | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |

Submitted by:

Supervisor:

Co-Supervisor:

Title of Research: