

CURRICULUM

**UNDER
SKILL DEVELOPMENT CENTRE**

**DIPL OMA
IN
OBSERVATIONAL ASTRONOMY**

DURATION-ONE YEAR

Effective from the Academic Session 2025

**SIDHO-KANHO-BIRSHA UNIVERSITY
PURULIA, WEST BENGAL**

SIDHO-KANHO-BIRSHA UNIVERSITY

Curriculum

OBSERVATIONAL ASTRONOMY

1ST SEMESTER

| Paper Code | TOPIC | CREDIT | INSTRUCTORS |
|------------|-------------------------------------|--------|-------------------|
| SDOAST 101 | Fundamental Physics | 3 | CB/SML |
| SDOAST 102 | Basic Astronomy | 3 | SP/SKM |
| SDOAST 103 | Observational Techniques | 3 | RKD/TB |
| SDOAST 104 | Instruments and Basic Data Analysis | 3+2 | SM/SKM |
| SDOASP 105 | Practical + Excursion | 4+2 | SKM/CB /RKD/TB/SM |
| | Total credit 20, Total Marks 250 | | |

2ND SEMESTER

| Paper Code | TOPIC | CREDIT | INSTRUCTORS |
|------------|--|--------|-------------|
| SDOAST 201 | Stellar Physics | 3 | SNR |
| SDOAST 202 | Large Scale Structure | 3 | RC/SC/SS |
| SDOAST 203 | Measurement of Astronomical Quantities | 3 | TB/RKD |
| SDOASP 204 | Project + Excursion | 3+2 | |
| SDOASP 205 | Practical | 4+2 | |
| | Total credit 20, Total Marks 250 | | |

SIDHO-KANHO-BIRSHA UNIVERSITY
Curriculum

