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## SCIENCE – TECHNOLOGY AND SOCIETY

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Vocational Skill Course for Second Year Graduate Students  
for Arts (Sociology) w.e.f. 2024-25

Approved by the Board of Studies in Sociology  
And  
Finalized by the Academic Council

Devrukh Shikshan Prasarak Mandal's  
Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and  
Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh.  
Tal.Sangmeshwar, Dist. Ratnagiri-415804, Maharashtra, India

Academic Council Item No: \_\_\_\_\_

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|-----------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of the Implementing Institute            | : | Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce and Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh. Tal. Sangmeshwar, Dist. Ratnagiri-415804, |
| Name of the Parent University                 | : | University of Mumbai                                                                                                                                              |
| Name of the Programme                         | : | Bachelor of Arts                                                                                                                                                  |
| Name of the Class to Which the course is Open | : | Second Year, Semester Four                                                                                                                                        |
| No. of Credits                                | : | 02                                                                                                                                                                |
| Title of the Course                           | : | Sociology                                                                                                                                                         |
| Course Code                                   | : | SEMESTER IV– SOVS202                                                                                                                                              |
| Passing Marks                                 | : | 40%                                                                                                                                                               |
| Nature of Course                              | : | Sociology                                                                                                                                                         |
| Level                                         | : | Under Graduate (Level 5.0)                                                                                                                                        |
| Pattern                                       | : | 40 Marks External Exam and 10 Marks based on Unit Test and Class Room Activities                                                                                  |
| Status                                        | : | Vocational Skill Course of Sociology                                                                                                                              |
| To be implemented from Academic Year          | : | 2024-25                                                                                                                                                           |

**Second Year of Bachelor of Arts (Vocational Skill Course for Sociology)**

Title of the Paper

**Science – Technology and Society**

(With effect from the Academic Year 2024-2025)

| Semester    | Paper Code | Paper                                  | Lectures<br>/Practical | Evaluation Weightage |          |       | Credits |
|-------------|------------|----------------------------------------|------------------------|----------------------|----------|-------|---------|
|             |            |                                        |                        | External             | Internal | Total |         |
| Semester IV | SOVS202    | Science –<br>Technology<br>and Society | 30                     | 40                   | 10       | 50    | 02      |

**Learning objectives of this course are to educate the students about:**

- i) Introduced Concepts of Science – Technology and Society to Students.
- ii) Understanding Scope and Limitations of Science – Technology and Society.

**COURSE CONTENT**

| Module No. | Content                                                                                                                                                                                                          | No. of Allotted Lectures: 30 |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 1          | <b>Unit I History of Science and Technology Development</b><br>a. Meaning of Science and Technology<br>b. Changing Dimensions of Social Life<br>c. Virtual Society: Meaning and Importance                       | 15                           |
| 2          | <b>Unit II Media and Society</b><br>a. Types of Media: Print, Audio-Video Visual and Social Media<br>b. Impact of Science and Technology on Social Institutions<br>c. Cyber Crime and Its Impact on Indian Youth | 15                           |

**Pattern of Evaluation:**

The Examination/Evaluation pattern shall be framed by the Board of Examination with its final approval from the Academic Council of the College.

**Methods of Assessment:**

The assessment pattern would be 40:10, 40% for Semester End Examination (SEE) and 10% for Continuous Internal Evaluation (CIA). The structure of the SEE and CIA would be as recommended by the Board of Studies and approved by the Board of Examination and the Academic Council of the college.

**Reading List:**

- Berger, Peter L. and Thomas Luckmann 1966. *The Social Construction of Reality: A Treatise in the Sociology of Knowledge*, New York: Anchor Books.
- Bloor, David 1997. "What is a Social Construct?" *Vest* 10/1: 09-21
- Carr, E. H. 1967. *What is History?* Vintage. Chalmers, A F. 1999. *What is This Thing Called Science?* Third Edition, Hackett Publishing Company.
- Das, Veena 2004. "Social Sciences and the Publics", in *idem*. *Handbook of Indian Sociology*, New Delhi: Oxford University Press Pp. 19-40.
- Feyerabend, Paul 1982. *Science in a Free Society*. London: New Left Books.
- Fricker, Miranda 1994. "Knowledge as Construct: Theorizing the Role of Gender in Knowledge", in Lennon, Kathleen and Margaret Whitford (eds). *Knowing the Difference: Feminist Perspectives in Epistemology*, London and New York: Routledge, pp. 95-109 [CUGL 121.082 L3K6]
- Geertz, Clifford. 1973. "Thick Description: Toward an Interpretive Theory of Culture". In *idem*. *The Interpretation of Cultures: Selected Essays*. New York: Basic Books, 1973. 3-30.
- Grbich, Carol 2004. "The Position of the Researcher", in *idem*. *New Approaches in Social Research*, Thousand Oaks, London & New Delhi: Sage Publications, pp. 67-79.
- Kothari, C.R. 2006. *Research Methodology Methods and Techniques*, 2nd edition, Vishwa Prakashan.
- Kuhn, Thomas 1970. *The Structure of Scientific Revolutions*, University of Chicago Press. Wallerstein, Immanuel et al. 1996. *Open the Social Sciences: Report of the Gulbenkian Commission on the Restructuring of the Social Sciences*, Stanford University Press.

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