



# UNIVERSITY OF CALCUTTA

## NotificationNo.CSR/18/2023

It is notified for information of all concerned that in terms of the provisions of Section 54 of the Calcutta University Act, 1979, (as amended), and, in exercise of her powers under 9(6) of the said Act, the Vice-Chancellor has, by an order dated 17.07.2023 approved the syllabus of the under mentioned subjects semester wise Four-year (Honours & Honours with Research) /Three-year (Multidisciplinary) programme of U.G. courses of studies, as applicable under CCF,2022, under this University, as laid down in the accompanying pamphlet.

SL.NO.	NAME OF SUBJECTS
1.	ENVIRONMENTAL Science
2.	Physics
3.	French
✓ 4.	Sanskrit (Honours)
5.	Arabic
6.	Library & Information Studies
7.	Statistics
8.	Electronics
9.	Household Art (Minor/MDC)
10.	Microbiology (Revised syllabus After incorporating some amendments, in the syllabus Published in CSR/13/23, Dt.12/07/2023)
11.	Psychology (Revised syllabus After incorporating some amendments, in the syllabus Published in CSR/13/23, Dt.12/07/2023)
12.	Hindi (Revised syllabus After incorporating some amendments, in the syllabus Published in CSR/13/23, Dt.12/07/2023)
13.	B.B.A. (Honours syllabus After incorporating some amendments, in the syllabus Published in CSR/13/23, Dt.12/07/2023)

The above shall be effective from the academic session 2023-2024.

SENATE HOUSE

KOLKATA-700 073

The 24<sup>th</sup> July, 2023

  
24<sup>7</sup>/<sub>2023</sub>

Prof.(Dr.) Debasis Das

Registrar

**Syllabus for Sanskrit**  
**B.A.**  
**Four-year (Honours & Honours with Research) Courses of Studies**  
**University of Calcutta**

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**Semester I**  
**(Major I & Minor I)**  
**CC I**  
**General Grammar and Metre**  
**(Unit – I)**  
**(General Grammar)**

1. Declension (शब्दरूप) :  
नर, मुनि, साधु, लता, नदी, मति, फल, वारि, मधु, अस्मद्, युष्मद्, तत्, यत्, इदम्, किम्, अदस्, एक, द्वि, त्रि, चतुर्, पञ्चन्, षस्, अष्टन् ।
2. Conjugation (धातुरूप) :  
भू, कृ, गम्, सेव्, क्री, दा, श्रु, चि (लट्, लोट्, लङ्, विधिलिङ्, लृट्) ।
3. Avyaya (अव्यय) :  
अद्य, यदा, तदा, इह, श्वः, परश्वः, ह्यः, परह्यः, प्रातः, सायम्, शनैः, उच्चैः, एव, इव, अलम्, उपरि, अधः, विना, ऋते, अन्तरेण, अन्तरा, उभयतः, परितः, प्राक्, परम् ।
4. Case-ending, Compound and Sandhi (कारक-विभक्ति, समास, सन्धि).
5. Suffix (प्रत्यय) :  
कृत् → क्त्वाच्, ल्यप्, तुमुन्, शत्, शानच्, क्त, क्तवत्, तव्य, अनीयर्, यत् ।  
तद्धित → अण्, इण्, ढक्, ख, छ, मतुप् ।
6. Voice-change (वाच्यपरिवर्तन) :  
कर्त्, कर्म, भाव ।

**(Unit – II)**  
**(Metre)**

1. Following topics from Chandomañjarī of Gaṅgādāsa :  
पद्यम्, वृत्तम्, अक्षरम्, गणाः, लघुः, गुरुः, यतिः ।
2. Selected Metres (छन्द) :  
इन्द्रवज्रा, उपेन्द्रवज्रा, उपजातिः, शालिनी, भुजङ्गप्रयातम्, वंशस्थविलम्, मालिनी, प्रहर्षिणी, रुचिरा, शिखरिणी, वसन्ततिलकम्, मन्दाक्रान्ता, शार्दूलविक्रीडितम्, स्रग्धरा ।

*References :*

- i) Battacharya, Hemachandra (ed.) : *Vyākaraṇa Kaumudī*, Sanskrit Book Depot.
- ii) Durgācaraṇa Sāmkhyavedāntatīrtha (ed.) : *Vyākaraṇa Kaumudī*, Sanskrit Book Depot.
- iii) Sastri, Janakinath : *Helps to the Study of Sanskrit*.
- iv) मुखोपाध्याय, सच्चिदानन्द : *सिद्धान्तकौमुदी – समासप्रकरण* ।
- v) मुखोपाध्याय, सच्चिदानन्द : *सिद्धान्तकौमुदी – कारकप्रकरण* ।
- vi) दास, करुणासिक्नु : *सिद्धान्तकौमुदी – सक्तिप्रकरण* ।
- vii) Lahiri & Sastri : *Pāṇinīyam*, Sanskrit Book Depot.
- viii) Vidyānidhi, Gurunātha : *Chandomañjarī* .

**SEC I**  
**(Major I)**

1. Translation from Bengali to Sanskrit in short sentences.
2. Translation from Sanskrit to either Bengali or English.
3. Comprehension in Sanskrit.
4. Paragraph writing in Sanskrit.
5. Letter writing in Sanskrit.

**Semester II**  
**(Major II & Minor II)**  
**CC II**  
**History of Sanskrit Literature**

(Unit – I)

(History of Vedic Literature)

ऋग्वेदः, यजुर्वेदः, सामवेदः, अथर्ववेदः, वेदाङ्गानि, ब्राह्मणम्, आरण्यकम्, उपनिषद् ।

(Unit – II)

(History of Classical Sanskrit Literature)

1. रामायणम्, महाभारतम्, पुराणम् ।
2. Historical works and Lyrical poetry.
3. Brief discussions on the following authors and their works :  
कालिदासः, भासः, अश्वघोषः, भारविः, भट्टिः, दण्डी, बाणभट्टः, शूद्रकः, श्रीहर्षः, भट्टनारायणः,  
कुमारदासः, हर्षदेवः ।

(Unit – III)

(History of Scientific and Technical Sanskrit Literature)

व्याकरणशास्त्रम्, दर्शनशास्त्रम्, अलङ्कारशास्त्रम्, आयुर्वेदः, वास्तुशास्त्रम्, संगीतशास्त्रम्, नाट्यशास्त्रम्,  
गणितशास्त्रम्, ज्योतिषशास्त्रम्, शिल्पशास्त्रम् ।

(Unit – IV)

(Contribution of Scholars in the field of Sanskrit Literature)

1. Pt. Gaurinātha Śāstrī .
2. M.M. Pañcānana Tarkaratna .
3. KālipadaTarkācārya .
4. JīvānandaVidyāsāgara .
5. Dr. Sītānātha Ācārya .
6. Dr. Rama Chaudhury .
7. Dr. Dipak Ghosh .

*References :*

- i) वसु, षोणीराजः : वेदेषु परिचयः ।
- ii) श्री अनिर्वाणः : साहित्य प्रसङ्ग, हैमवती प्रकाशनी ट्रस्ट, कोलकाता ।
- iii) बन्द्योपाध्याय, शान्तिः : वैदिक साहित्येण रूपरेखा, संस्कृत पुस्तक भाण्डार, कोलकाता ।
- iv) बन्द्योपाध्याय, धीरेन्द्रनाथः : संस्कृत साहित्येण इतिहास, पश्चिमवङ्ग राज्य पुस्तक पर्षद, कोलकाता ।
- v) भट्टाचार्य, विष्णुपदः : प्राचीन भारतीय अलङ्कारशास्त्रेण भूमिका ।
- vi) भट्टाचार्य, अमितः : भारतीय दर्शनेण रूपरेखा, संस्कृत बुक डिपो ।
- vii) उपाध्याय, वलदेवः : वैदिकसाहित्य और संस्कृति, वाराणसी ।
- viii) उपाध्याय, वलदेवः : संस्कृतसाहित्य का इतिहास, शारदानिकेतन, वाराणसी ।
- ix) त्रिपाठी, राधावल्लभः : संस्कृतसाहित्य का अभिनव इतिहास, विश्वविद्यालय प्रकाशन, वाराणसी ।
- x) Keith, A.B. : *History of Sanskrit Literature*, MLBD, Delhi.
- xi) Shastri, Gaurinath : *A Concise History of Sanskrit Literature*, MLBD, Delhi.
- xii) Winternitz, Maurice : *Indian Literature* (Vol. I-III), MLBD, Delhi.
- xiii) Krishnamachariar, M. : *History of Classical Sanskrit Literature*, MLBD, Delhi.
- xiv) Shukla, D.N. : *Vāstu-Śāstra: Hindu Science of Architecture – Mānasāra Series* (Vol. 1), Munshiram Monoharlal Publishers Pvt. Ltd., New Delhi.

- xv) Shukla, D.N. : *Vāstu-Śāstra: Hindu Canons of Iconography and Painting* – (Vol. 2), Munshiram Monoharlal Publishers Pvt. Ltd., New Delhi.
- xvi) Subbarayappa, B.V. : *The Tradition of Astronomy in India, Jyotiḥśāstraḥ: History of Science, Philosophy and Culture in India* (Vol. IV, Part 2), D.P. Chattopadhyaya (Gen. Ed.), Centre for Studies in Civilizations, New Delhi.
- xvii) Datta, Bibhutibhusan, Singh, Avadhesh Narayan : *History of Hindu Mathematics* (Part I & II), Asia Publishing House, New Delhi.
- xviii) Subbarayappa, B.V. : *Medicine and Life Sciences in India : History of Science, Philosophy and Culture in India* (Vol. IV, Part 2), D.P. Chattopadhyaya (Gen. Ed.), Centre for Studies in Civilizations, New Delhi.
- xix) Roychaudhuri, Bimalakanta : *The Dictionary of Hindustani Classical Music*, MLBD, Delhi.

**SEC II**  
**(Major II)**

Digital Empowerment (As per the CSR, University of Calcutta).

**IDC**  
**(INTER DISCIPLINARY COURSE)**

(a) Medical Science; (b) Mathematics & Astronomy; (c) Architecture .

*References :*

- i) Bose, D.M., Sen, S.N., Subbarayappa, B.V. : *A Concise History of Science in India*, Indian National Science Academy, New Delhi.
- ii) Shrushti, Keshav : *Science and Technology in Ancient India*, Vijñāna Bhārati Publication.
- iii) Naqvi, Nasim, H. : *A Study of Buddhist Medicine and Surgery in Gāndhāra*, MLBD, Delhi.
- iv) Subbarayappa, B.V. : *Medicine and Life Sciences in India : History of Science, Philosophy and Culture in India (Vol. IV, Part 2)*, D.P. Chattopadhyaya (Gen. Ed.), Centre for Studies in Civilizations, New Delhi.
- v) Shukla, D.N. : *Vāstu-Śāstra: Hindu Science of Architecture – Mānasāra Series (Vol. 1)*, Munshiram Monoharlal Publishers Pvt. Ltd., New Delhi.
- vi) Shukla, D.N. : *Vāstu-Śāstra: Hindu Canons of Iconography and Painting – (Vol. 2)*, Munshiram Monoharlal Publishers Pvt. Ltd., New Delhi.
- vii) Subbarayappa, B.V. : *The Tradition of Astronomy in India, Jyotiḥśāstraḥ: History of Science, Philosophy and Culture in India (Vol. IV, Part 2)*, D.P. Chattopadhyaya (Gen. Ed.), Centre for Studies in Civilizations, New Delhi.
- viii) Datta, Bibhutibhusan, Singh, Avadhesh Narayan : *History of Hindu Mathematics (Part I & II)*, Asia Publishing House, New Delhi.
- ix) Dhaky, M.A. : *Architecture in India : History of Science, Philosophy and Culture in India (Vol. IV, Part 2)*, D.P. Chattopadhyaya (Gen. Ed.), Centre for Studies in Civilizations, New Delhi.