

ABILITY ENHANCEMENT COURSE (AEC-5)

PUNJABI BHASHA ATE COMPUTER

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
Punjabi Bhasha ate Computer	2	2	0	0	Class 12 th pass in any subject	Studied Punjabi up to 8 th Standard or <i>Working knowledge of Punjabi language</i>

LEARNING OBJECTIVES:

- To enable students to learn about basic concepts of Computer and Punjabi Language.
- To provide knowledge about computer fundamentals, Punjabi Language and tools, applications, software and different models of Computational Linguistics.

LEARNING OUTCOMES:

- The students will understand how Computer can help in advancement of Punjabi Language.
- They will be able to understand the Typing system, Unicode System and Punjabi Fonts
- They will understand the concept of Computational Linguistics.

Unit I ਕੰਪਿਊਟਰ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ (Computer ate Punjabi Bhasha)

(8 Hrs.)

- ਕੰਪਿਊਟਰ: ਮੁਢਲੀ ਜਾਣ-ਪਛਾਣ
Computer: Mudhli Jaan-Pachhan
- ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਕੰਪਿਊਟਰੀਕਰਨ
Punjabi Bhasha da Computerikaran
- ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਸਾਫਟਵੇਅਰ ਨਾਲ ਜਾਣ-ਪਛਾਣ
Punjabi Bhasha de Software naal Jaan-Pachhan

Unit II ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਐੱਮ.ਐੱਸ ਆਫਿਸ (Punjabi Bhasha ate MS office) (8 Hrs.)

- ਐੱਮ.ਐੱਸ ਵਰਡ
MS Word
- ਪਾਵਰ ਪੁਆਇੰਟ ਪੇਸ਼ਕਾਰੀ
Power Point Peshkari
- ਐਕਸਲ ਸ਼ੀਟ
Excel Sheet

Unit III ਫੋਂਟ ਅਤੇ ਪੰਜਾਬੀ ਫੋਂਟ (Font ate Punjabi Fonts) (7 Hrs.)

- ਰਮਿੰਗਟਨ ਫੋਂਟ
Remington Fonts
- ਫੋਨੈਟਿਕ ਫੋਂਟ
Phonetic Fonts
- ਯੂਨੀਕੋਡ ਫੋਂਟ
Unicode Fonts

Unit IV ਕੰਪਿਊਟਰ ਅਤੇ ਪੰਜਾਬੀ ਦੇ ਸਾਫਟਵੇਅਰ (Computer and Punjabi de Software) (7 Hrs.)

- ਅੱਖਰ
Akhar
- ਗੂਗਲ ਇਨਪੁੱਟ ਟੂਲਜ਼
Google Input Tools
- ਫੋਂਟ ਕਨਵਰਟਰ
Font Convertor

Essential Readings:

- Jalwanna, Amandeep Kaur, Raj, Harminder Singh. (2013), **Daftari Varton lai Computer Kiven Sikhiye**, Tarakbharti Parkashan, Barnala.
- Kamboj, C.P. (2010), **Computer ate Punjabi Bhasha**, Lokgeet Parakashan, Chandigarh.

Suggested Readings:

- Juneja, Jagmohan Singh (2008), **Computer: Muddhli Jankari ate Upyog**, Punjabi University, Patiala.
- Kamboj, C.P. (2010), **Cyber Sansar ate Punjabi Bhasha**, Lokgeet Parkashan, Chandigarh.
- Kamboj, C.P. (2012), **Computer Vigyan**, Punjabi University, Patiala.
- Pawan Kumar (2007), **Computer Jaan-Pachhaan**, Lokgeet Parkashan, Chandigarh.
- Rajiv Khanna (2007), **Computer Application**, New Age International Private Ltd, New Delhi.