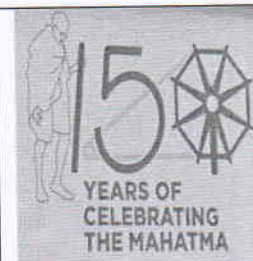




**INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY, UNA [HP]**

An Institute of National Importance under MHRD
NIT Campus, Hamirpur [HP]-177005

Website: www.iiitu.ac.in



08, June'19

[Ref. IIITU/Acad/AY-2019-20-Faculty Recruitment/2019 Dated: 09, May'19]

Post Name: Guest Faculty in Computer Science and Engineering

PROVISIONAL LIST OF ELIGIBLE CANDIDATES

Sr. No	Application No.	Name	Father Name
1.	IIITU-GF-CSE-01	Ambika Chambyal	Sh. Anand Chambyal
2.	IIITU-GF-CSE-02	Anchal Kaundal	Sh. Raj Kumar
3.	IIITU-GF-CSE-03	Anjali Gautam	Sh. Suhendra Pal Gautam
4.	IIITU-GF-CSE-04	Ankita Sharma	Arun Kumar Sharma
5.	IIITU-GF-CSE-05	Arup Ghosh	Sushen Kumar Ghosh
6.	IIITU-GF-CSE-06	Ashish Sharma	Sh. Kailash Chand Sharma
7.	IIITU-GF-CSE-07	Azad Singh	Sh. Gurmukh Singh
8.	IIITU-GF-CSE-08	M. Chithambarathanu	Sh. C. Muthu Pattan
9.	IIITU-GF-CSE-09	Dr. Deepak Kachave	Sh. Shrihari Kachave
10.	IIITU-GF-CSE-10	Deena Dhayalan R	
11.	IIITU-GF-CSE-11	Gaurav Kumar	Late Sh. Gupteshwar Prasad Kashyap
12.	IIITU-GF-CSE-12	Guljar Singh	Kabul Singh
13.	IIITU-GF-CSE-13	Hem Lata	Sh. Sohan Singh
14.	IIITU-GF-CSE-14	Kshamta Chauhan	Sh. Rajender
15.	IIITU-GF-CSE-15	Pushpender Kumar	Sh. Suresh Kumar
16.	IIITU-GF-CSE-16	Sandeep Kumar	Sh. Gopal Prasad Gupta
17.	IIITU-GF-CSE-17	N. Senthil Murugan	Sh. S. Nagarajan
18.	IIITU-GF-CSE-18	Shefali Varshney	Sh. Dinesh Kumar
19.	IIITU-GF-CSE-19	Shivam Kumar	Sh. Subhash Chand Dhiman

20.	IIITU-GF-CSE-20	Shweta Sharma	Sh. Shiv Kumar
21.	IIITU-GF-CSE-21	Sweta Kaman	Sh. S. Kaman
22.	IIITU-GF-CSE-22	Subash Harizan	Sh. Om Kumar Harizan
23.	IIITU-GF-CSE-23	Supriya	Sh. Puran Singh
24.	IIITU-GF-CSE-24	Mainka Sharma	Sh. Ajit Singh
25.	IIITU-GF-CSE-25	Nijamuddin Ansari	Sh. Tabarak Ali
26.	IIITU-GF-CSE-26	Omkar Pattnaik	Sh. Jugal Kishor Pattnaik
27.	IIITU-GF-CSE-27	Pooja Rani	Sh. Krishan Kumar Singh
28.	IIITU-GF-CSE-28	Dr. T. Veeramani	Sh. Thangavel V
29.	IIITU-GF-CSE-29	Meduru Yamini	Sh. Meduru Sivanna Rayana
30.	IIITU-GF-CSE-30	Ishana Attri	Sh. Hari Chand Attri
31.	IIITU-GF-CSE-31	Mehak	Sh. Jiwan Jyoti Sharma
32.	IIITU-GF-CSE-32	Neha Thakur	Sh. Uttam Chand
33.	IIITU-GF-CSE-33	Prince Sharma	Sh. Suresh Sharma
34.	IIITU-GF-CSE-34	Priyanka Kumari	Sh. Inder Jeet
35.	IIITU-GF-CSE-35	Roopali	Sh. Rakesh Punj
36.	IIITU-GF-CSE-36	Suresh Kumar	Sh. Dhian Chand
37.	IIITU-GF-CSE-37	Vinnakota Saran Chaitanya	Sh. V Anand Prasad
38.	IIITU-GF-CSE-38	Ashish Parmar	Sh. Sarjivan Parmar
39.	IIITU-GF-CSE-39	Taveena	Sh. Taranjeet Singh
40.	IIITU-GF-CSE-40	Benay Kumar Ray	Sh. Baijnath Roy
41.	IIITU-GF-CSE-41	Ravneet Kaur	Sh. Randhir singh
42.	IIITU-GF-CSE-42	Ankit R Kusup	Sh. Rajendra Kusup
43.	IIITU-GF-CSE-43	Shobhana Kashyap	Sh. Rakesh Sharma
44.	IIITU-GF-CSE-44	Vishal Lamba	Sh. Balak Ram
45.	IIITU-GF-CSE-45	Hemesh Bhardwaj	Sh. C. R. Bhardwaj

Contd. ... (3)

- A. The syllabus for written test is annexed.
The schedule for written test and interview is as follows:

Post	Date	Written Test	Interview
Guest Faculty	15, June'19	10:00 AM	02:00 PM

B. Instructions to candidates:

- The venue for Written test/ Interview will be at office of IIIT, Una, Transit Campus-II,
(Dev Bhumi Group of Institutes)
Chandpur, Haroli, Una-177 220.
- No Separate hall ticket will be sent.
- Candidates appearing for Written test/ Interview should bring a Govt. issued Proof of Identity.
- No TA/DA will be given for attending the Selection process.
- Candidates are expected to be in the venue well ahead of the scheduled time.
- Advised to visit the website of the Institute www.iiitu.ac.in for updates on the selection process.

S. Sahakumar

DIRECTOR

08 06 19

Encl.: Syllabus for Written Test



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GUEST FACULTY (ON CONTRACT BASIS) RECRUITMENT – JUNE 2019

SYLLABUS FOR WALK IN WRITTEN TEST ON 15, June'19

COMPUTER SCIENCE AND ENGINEERING

1. Data Structures and Algorithms

Development of Algorithms - Notations, Concepts - Arrays - Linked lists - Stacks and queues Trees
-Tree Traversing - Operations on Binary Trees – Sorting and Searching techniques - Graphs - BFS, DFS
-Shortest path problems.

2. Operating Systems

Basic OS Concepts - Thread and process scheduling - Synchronization - Semaphores - Critical regions -
Deadlock prevention and recovery - Memory Management - File Management - I/O Management – Case
Studies on Windows and Linux OS.

3. Computer Organization and Architecture

Basic structure of Computers - Arithmetic - Addition & subtraction of signed numbers - Multiplication -
Integer division - Floating point operations - Pipelining - Multiple bus organization
-Micro programmed control – Hazards - Memory System - Semiconductor RAM memory - Cache
memory - Virtual memory - Secondary storage - I/O Organization - Interrupts - DMA - Buses - Interface
circuits - Serial communication links.

4. C Programming

C programming – Memory Concepts – Arithmetic Operations - Control Statements – Functions - Pointers
– Structures – User Defined Data types - File handling.

5. Microprocessors

8085 processor - Architecture - Bus organization - Registers - ALU - Instruction set of 8085 - Instruction
format - Addressing modes - System design using controllers - Microprocessor Interfacing Techniques
- Segmented memory concepts - Bus concepts.

6. Computer Networks

Goals of networking, well-known applications such as email, ftp, and need for layered architecture OSI
and Internet. Hosttohost communication: RS 232 over serial line; handshaking and error handling; packet
switching; reliable transmission stop and wait, sliding window; logical connections. Multiple collocated
hosts: addressing, LAN access methods; CSMA/CD, Ethernet, Token passing.
