

**Provisional List of shortlisted candidates for selection test
and Personal Interaction for the post of Website Developer (Contractual)**

Date: 14/03/2023

(Selection Test Date: 25/03/2023: Reporting Time – 9.00 AM: Selection Test: 9.30 AM)

No.	Application ID
1	IITRAM_20230201151809
2	IITRAM_20230202041926
3	IITRAM_20230202045058
4	IITRAM_20230209092743
5	IITRAM_20230209093031
6	IITRAM_20230216050020
7	IITRAM_20230216071503

- All above eligible candidates should remain present on 25/03/2023 at 9:00 AM at IITRAM.
- Candidates will have to remain present at their own expense at: Institute of Infrastructure, Technology, Research and Management (IITRAM), Near Khokhra Circle, Maninagar (East), Ahmedabad-380026.
- Selection Test may consists of questions involving:
 - **Web Application Design & Development:** HTML, JavaScript, CSS, Client/Server Side Programming using Php, Creating dynamic websites, error handling and debugging, Php MySQL/Oracle Database Connectivity, Programming with Javascript ReactJS Development, NodeJS Development, MongoDB
 - **Programming and Data Structures:** Programming in C and Python. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs
 - **Algorithms:** Searching, sorting, hashing. Asymptotic worst case time and space complexity. Algorithm design techniques: greedy, dynamic programming and divide-and-conquer. Graph search, minimum spanning trees and shortest paths
 - **Databases:** ER-model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms.
 - **Network and Internet:** Concepts of Network, internet, intranet, ISDN, Broadband concepts and applications.
 - English Language, Analytical Ability and General Knowledge / Awareness
- The weightage for the selection test is 50% and Personal Interaction is 50%.
- Personal Interaction will be conducted after completion of Selection Test and declaration of results thereof on 25/03/2023.
- The candidates will have to produce Original Educational Qualification Certificates; Original School Leaving Certificate; Original Experience Certificates; Additional Qualification Certificates, if any; Caste / PH Certificate, if any; Valid Photo Identity Card and submit two sets of self-attested photo copies of each along with Two passport size photographs.