



**National Institute of Electronics & Information Technology,
Aurangabad**
(राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान, औरंगाबाद)
**Ministry of Electronics & Information Technology
Government of India**

COURSE PROSPECTUS

Name of the Group: IT

Name of the Course: Certified Web Developer

Course Code: 2022/ITES/NIELIT/05523

Starting Date: 16/07/2024 (Tentative)

Duration: 210 Hours

Course Coordinator: Ms. Vaishnavi Choudhari, NIELIT Aurangabad

Course Description:

The programme encompasses people's skills, trust, and ability to use technologies responsibly and effectively for broader socio-economic benefits.

Course Objectives:

- This course in Certified Web Developer provides a broad working knowledge in website development
- It will provide basic and advance understanding of HTML, CSS, JavaScript, PHP, Database etc.

Skills gained by the participants after completing the Course: -

- Technical Skills – Programming and Coding, Web Development, Computer Vision, Algorithmic and Computational Thinking
- Social Skills – Clear and effective communication is key. Be able to articulate technical concepts to non-technical stakeholders and clients. Active Listening, Adaptability, Empathy, Collaboration
- Career Growth Skills – Self management skills like personal management, growth mindset. Entrepreneurial mindset, design & system thinking. Technical confidence and social skills.

Expected Job Roles:

- Front-end Developer
- Web Designer/Developer
- Full Stack Web Developer

Course Structure:

Sr. No.	Module Title	Duration (Hours)
1	HTML 5 <ul style="list-style-type: none"> • Introduction to Web Development (Front end , back-end) • HTML headings and comments • HTML paragraphs and line breaks • HTML Font Tag and Font Style • Hyperlinks • IMG tag and SRC attribute • HTML List Tags • HTML Table 1 • HTML Table 2 • HTML Forms • HTML Form • Remaining HTML Tags 	30
2	CSS <ul style="list-style-type: none"> • Introduction to CSS • CSS syntax • Types Of CSS • CSS classes and ID • CSS Division and Span • CSS margin and padding • CSS text properties • Font Properties • CSS links • CSS background • CSS border • Lists • width and height property 	30
3	Bootstrap <ul style="list-style-type: none"> • Introduction to bootstrap • Containers • Grid Layout • Navbar classes • Bootstrap Buttons class • Card Layout • Images classes • Tables classes • Forms 	20



National Institute of Electronics & Information Technology,
Aurangabad
(राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान, औरंगाबाद)
Ministry of Electronics & Information Technology
Government of India

4	JavaScript <ul style="list-style-type: none">• Introduction To JavaScript• Variable and datatype in JS• Functions In JS• Expression In JS• Looping• JavaScript Array• Validating user input with JS	40
9	PHP <ul style="list-style-type: none">• Introduction to PHP• Variable &Data types• Operators• Conditional Statements• Loops• Functions• Array• PHP Forms• Connectivity with database.	70
10	MySQL Database <ul style="list-style-type: none">• Introduction to DBMS• SQL Statements• SQL commands• SQL Joins• SQL functions• SQL Clauses	20
Total		210 Hours

Other Contents:

- I. **Course Fees:** Course fee is Rs 9,450/- + GST (* Nil for SC/ST Candidates)
- II. **Registration Fee:** An amount of Rs.1000/- (including all taxes as applicable) (non-refundable) should be paid at the time of registering for the course.
- III. **Course Fee Instalment Structure:** - Can be paid in two instalments
- IV. **Eligibility:** 12th Pass/Any Degree (Final Year students can also apply)
- V. **Number of Seats :30**
- VI. **Selection of candidates:** The candidates passed in the qualifying examination will be based on their marks obtained, subject to eligibility and availability of seats.
- VII. **Test/Interview (if applicable) :** Not Applicable
- VIII. **Counselling/Admission:** 15/07/2024
- IX. **Important Dates (if applicable):**

Starting Date for Registration

25/06/2024



National Institute of Electronics & Information Technology,
Aurangabad
(राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान, औरंगाबाद)
Ministry of Electronics & Information Technology
Government of India

Last date to submit application form:	12/07/2024
Counselling/Admission	15/07/2024
Last Date for Payment of Fee	15/07/2024
Commencement of class work:	16/07/2024 (Tentative)

X. Course Timings: 02:00 Hrs to 05:00 Hrs in week days.

XI. Lab Facilities: LIST OF EQUIPMENT (For a batch of 30 students)

Sr. NO.	Description	Qty
1	Classroom	2
2	Student Chair	30
3	Student Table	15
4	Smart Interactive Display	2
5	White Board	2
6	Desktop computer with Accessories: installed with: Notepad++ VS Code MySQL Database	30