



**BMS INSTITUTE OF
TECHNOLOGY & MANAGEMENT**
(Autonomous Under VTU)

**Department of
Information Science & Engineering**

**Five Day Open Course on
“Full Stack
Web Development”**

**From 12th June to 16th June 2023
In association with**



**B M S Institute of Technology
& Management,
Yelahanka, Doddaballapura Main Road,
Bengaluru
<https://bmsit.ac.in/>**

Organizing Chair: Dr. Pushpa S K

About the Institute

With the rising need for technical education, came the establishment of the BMS Institute of Technology and Management in 2002. BMSIT&M has recently gained its status as an autonomous institute affiliated with VTU. The institute currently offers eight UG programs, three PG programs and Ph.D./M.Sc. (engg). In ten disciplines.

About the Department

The Department of Information Science and Engineering started in the Year 2010 with an approved intake of 60 and enhanced to 180 from the academic year 2019-20. The Department has qualified and professionally dedicated faculty members practicing OBE in the academic deliverables. The faculties have published research articles in various National, International Conferences and Journals. The department has modern laboratories to serve the teaching and research needs of the students as well as faculty members. The Department has been organizing conferences, workshops, expert lectures and student centric activities to encourage students to instill lifelong learning. Few of our students are working for consultancy projects along with few faculty members.

The staffs are encouraged to attend the 10 days internship to bridge the gap between the academics and industry. The department has admirable research ambience.

About the Open Course

Full stack web developers have the ability to design complete web applications and websites. They work on the frontend, backend, database and debugging of web applications or websites. Today, the full stack developers are in high demand in the software development industry. Full-stack developers understand all aspects of the development process including the frontend and backend sides of the application.

Hiring full stack developers reduce the need to hire various resources for product development. In this article, we have explained the concept of full stack development and how it can benefit different businesses.

Objectives of the Course

1. To learn basics of Web Development.
2. To learn the usage of JQuery library and PHP Framework libraries.
3. To learn hosting of websites.

Target Audience:

All non-IT students of BMSIT&M

Course Content

HTML, CSS, javaScript, JQuery, PHP, PHP Framework, Introduction to Node.js

Course Registration Details

Register at: <https://projects.bmsit.ac.in>

Online fee payment details

Login into: <https://bmsitm.gnums.in> -> Go to Menu Fee->other Fee and pay.

Department of Information Science and Engineering

Course Title: **“FULL STACK WEB DEVELOPMENT”**

12th June 2023 to 16th June 2023

Venue: BSN-CR-308

Day	Date	Topics covered		Topics covered		Topics covered	Assessment and Feedback
		8:30 to 10:30 am	10:30 to 10:50 am	10:50 to 12:50 pm	12:50 to 1:50 pm	2:00 to 4:00 pm	4:00 to 4:30 pm
1	12.06.2023	HTML, CSS	TEA BREAK	JavaScript	LUNCH BREAK	JavaScript Demo	Quiz & Feedback
2	13.06.2023	JavaScript (Dom elements Modification, Event Handling)		JavaScript (form validation and submission)		jQuery Library/ Bootstrap Framework	Quiz & Feedback
3	14.06.2023	Introduction to Client/Server Communication Introduction to PHP		Introduction to PHP and Basic Constructs		Database Connection	Quiz & Feedback
4	15.06.2023	PHP Framework		project case study		Framework Continues	Quiz & Feedback
5	16.06.2023	Introduction to Node.js		Examples on Nodejs and Conclusion		Valedictory Function	Overall Feedback & Assessment

Instructions to the Participants:

1. This course is preferably for non-IT students, who are willing to web application development.
2. Prerequisite: Students should have basic knowledge in any Programming.
3. For Hands-on sessions the student needs to carry the following to the lab:
 - a. Laptop with good configuration.
 - b. Software installation in the laptop: Visual Studio Code, WAMPP.

For Details Contact

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Note to participants:

1. Should bring your laptops with fully charged/adapter.
2. This course is offered preferably to non-IT students