

**FACULTY OF ENGINEERING  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**WORKSHOP ON NODE.JS BUILDING A CLOUD SERVER**

**Date:**10<sup>th</sup> and 11<sup>th</sup> November, 2017.

**Time:**9:30 am

**Venue:** Room No. 225,Kengeri Campus, Christ University, Bengaluru

**Speaker/s:**

**Name:** Mr.ArjunKashyap

**Organization and Place:**Christ University, Bengaluru (Internal).

**Target Audience (Students):** Students of 4<sup>th</sup> semester.

**Total Students' Present:**All registered participants for the event.

**OBJECTIVE:**

To create an awareness of NODE JS and encourage students to build application using the framework.

**POSSIBLE LEARNING OUTCOMES:**

1. To understand the technological trends in NODE JS
2. To build applications using NODE JS
3. To apply NODE JS and build information systems.

**SUMMARY:**

The workshop started with installation of basic tools required for the workshop, where Arjun demonstrated on how to install node JS, GitHub, Chrome, Github Desktop, Visual Studio Code etc. Arjun also enlightened us we need these tools for our workshop.Arjun went on to define JavaScript, Node.js and importantly why we need to learn Node JS, and why companies are shifting to use Node JS to build their API's.

After installation we were allotted a small break in which Arjun was able to interact with student on 1-to-1 basis where he clarified doubts, helped installing tools and gave some keywords to students who were ahead of others to explore.

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As soon as the break was over, we started with the coding. We learned basic shell commands like mkdir, cd, ls etc. then we went on to learn about different packages in Node.js. Arjun made sure that we know how access the Node.js documentation library to learn more about different packages.

Arjun didn't just focused on teaching Node.js but he also how to write clean code, need of documentation while developing.

Once, we were friendly with the basic functions and the Node.js API, Arjun took a project based approach to explain us further about Node.js & Javascript, and the journey to build the first Node.js based app during the workshop began.

The project that Arjun picked up was "Notes | A note taking app", which will allow users to add, remove and edit the notes. During the building of the project, we learned how to play around with data in JSON Format, we learned exception handling using try, catch.

With all the knowledge that we gained from the project we were able to deploy the on a cloud server.



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**CONSOLIDATED FEEDBACK ANALYSIS:**

Sl No	Faculty Name	Signature / Remarks
1.	Mr. Naveen J	
2.	Mrs. GokulaPriya	
3.	Mr. Gerard Deepak	

**Head of the Department**