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Report on

**Full-Day Hands-on Workshop on
Node Js-Fun with Node**

Held on 25/02/2022

Organized By

Department of Computer Engineering

**Madhuben & Bhanubhai Patel Institute of Technology
(MBIT), New V. V. Nagar, Anand, Gujarat.**

Expert

Mr. Ajay Kadam, Senior HR, Groovy Web LLP.

Mr. NaumanPathan Technical Head, Groovy Web LLP.

Groovy Web LLP

517 - 520, Center Square, Nadiad, Gujarat.



MADHUBEN & BHANUBHAI PATEL
INSTITUTE OF TECHNOLOGY

Madhuben and Bhanubhai Patel

Institute of Technology (MBIT)

(Constituent College under CVM University)

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Madhuben & Bhanubhai Patel Institute of Technology
(A Constituent Institute of CVM University)



FULL DAY HANDS-ON WORKSHOP
on



FUN WITH NODE

Organised by
Department of Computer Engineering

Date: 25th February, 2022
Time: 10:00 A.M. Onwards

Experts

1. Mr. Nauman Pathan

Technical Head,
Groovy Web LLP

2. Mr. Ajay Kadam

Senior HR,
Groovy Web LLP



Groovy Web LLP

Topics To Be Covered

- Introduction to Node
- Node Package Manager
- Creating Web Server
- Express JS
- Template Engine
- Database Connectivity



Location

D-003 and D-004,
MBIT ,CVMU

Registration Link:
tinyurl.com/Nodejsws2



Faculty Coordinators:

Prof. Mihir H. Rajyaguru
Mo- 9426591154

Prof. Ashwini Kumar Jha
Mo- 9898380209

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INSTITUTE OF TECHNOLOGY

Madhuben & Bhanubhai Patel Institute of Technology (MBIT)



Prepared by: Mr. Mihir H. Rajyaguru

Full-Day Hands-on Workshop on “Node Js- Fun with Node” Organized by Department of Computer Engineering Madhuben & Bhanubhai Patel Institute of Technology (MBIT), New V. V. Nagar, Anand, Gujarat held on 25/02/2022. Experts are from Groovy Web LLP, 517 - 520, Center Square, Nadiad, Gujarat. The Workshop delivered by Mr. Ajay Kadam, Senior HR, Groovy Web LLP and Mr. Nauman Pathan Technical Head, Groovy Web LLP.

| | | | |
|---|---|--|--|
| Name of College | : | Madhuben and Bhanubhai Patel Institute of Technology (MBIT) | |
| Name of Organizing Department | : | Computer Engineering | |
| Name of Activity | : | Full-Day Hands-on Workshop on Node Js- Fun with Node | |
| Date of Activity | : | 25/02/2022 | |
| Time | : | 10:00 A.M. to 04:20 P.M. | |
| Venue | : | D-003 | |
| Number of Students Participation | : | 90 | |
| Students from Department | : | Department of Computer and I.T Engineering | |
| Event for | : | 6th Semester Students | |
| Name of Company | : | Groovy Web LLP | |
| Address of Company | : | 517 - 520, Center Square, Nadiad, Gujarat. | |
| Contact Number of Company | : | 8866772475 | |
| Email ID of Company | : | hello@groovyweb.co | |
| Website of Company | : | https://www.groovyweb.co/ | |
| Type of Company | : | MNC | |
| Location of Company | : | Nadiad | |
| Expert from Company | : | Mr. Ajay Kadam, Senior HR, Groovy Web LLP. | Mr. Nauman Pathan Technical Head, Groovy Web LLP. |
| Coordinator of the Workshop | : | Mr. Mihir H. Rajyaguru, Assistant Professor, Computer Engineering Department, MBIT. | Mr. Ashwinikumar Jha, Assistant Professor, Computer Engineering Department, MBIT. |

About Groovy Web LLP:

Groovy Web LLP came into existence in December 2015. Under the leadership of Mr. Krunal Panchal and Mr. Sagar Patel, and with the help of the emerging team spirit, they achieved outstanding excellence throughout these years and grown exponentially in team size, experience, and knowledge in trending modern technologies. They are one of the leading Mobile App and Web Development team in the market. Groovy's designers and developers follow the streamlined development process to construct the bridge that literally connects your idea of building a digital solution to a working, reliable, user-friendly, and secure model for your business. All they care about is to successfully deliver what they promised and within the time they promised. Just like that, they have served more than 250 happy and satisfied clients, and they have worked on more than 500 projects with 99+ Client Satisfaction Rate with 150% Average Company Growth every year.

Brief Introduction of Expert:

Mr. Nauman Pathan working as a Technical Head in Groovy Web LLP has extreme knowledge of Node Js. He has trained more than 1000+ students with mixed categories for project based training students, experienced IT individuals and students looking for placements. He is a passionate developer with many years of experience in the same field as a Trainer. He possesses very good knowledge about Node Js, Angular JS, ASP.NET MVC, C#, NET Core, IOS, Swift, Bootstrap, MSSQL Server, HTML, CSS, Java Script, J-Query, AJAX, WEB API, Web Services, XML-JSON Parsing, LINQ, Reporting Services, Third Party API Integration (Google Services , Payment Gateway, etc). He has his proficiency in object-oriented designing, data structures, and problem solving and complexity analysis.

Mr. Ajay Kadam works as a senior HR at Groovy Web LLP. He is a key person in his company to Setting objectives for the HR team and tracking progress. Designing and implementing company policies that promote a healthy work environment. Developing compensation and benefit plans. He is Selecting and Recruit the Employee. He is providing the Training and Development to improve the Performance and Management skills. He is also working to enhance the Employee Relations. He designs the Employment Law and Compliance, Compensation and Benefits, Payroll & HR Systems at Groovy Web LLP.

Brief Introduction of Node Js Technology:

Node.js was written initially by Ryan Dahl in 2009, about thirteen years after the introduction of the first server-side JavaScript environment, Netscape's LiveWire Pro Web. Node.js is an open-source, cross-platform, JavaScript run-time environment that executes JavaScript code outside of a browser. Developers use JavaScript to write command line tools and for server-side scripting, running scripts server-side to produce dynamic web page content before the page is sent to the user's web browser. Consequently, Node.js represents a "JavaScript everywhere" paradigm, unifying web application development around a single programming language, rather than different languages for server- and client-side scripts.

Objective:

- Expand the knowledge about Node Js.
- Learn to use new JavaScript language features in Node.js with real-world examples.
- Learn a template for organizing Node.js code in an application.
- Learn a technology stack that combines reliable Node.js modules in a productive development environment.
- Learn tools to create unit, functional, and integration tests for Node.js code.
- Learn about Node JS, API and Java Script.
- To understand the Node Package Manager.
- To learn about creating Web Server.
- Get knowledge about Express Js.
- To learn Template Engine.
- Hands-on practice with Database Connectivity.
- To understand the overall functionality of Node Js.

Students Review:

| | | |
|------------------|---|--|
| Isha Sanghavi | : | "We got good knowledge about the industry and technologies." |
| Archit Vasani | : | "The Expert Mr. Nauman Pathan sir was delivered a valuable lecture." |
| Krunal Prajapati | : | "Hands-on Session was good to understand Node JS, API and Java Script." |
| Riya Punjabi | : | "I got to know interesting things about Development." |
| Preet Patel | : | "The workshop is valuable and I have clear my doubt regarding the Node Package Manager." |

Topics ware covered in the Workshop:

- History of Node Js.
- How to use new JavaScript language features in Node.js with real-world examples.
- Creating template for organizing Node.js code in an application.
- The technology stack which combines reliable Node.js modules in a productive development environment.
- Different tools to create unit, functional, and integration tests for Node.js code.
- The Node Package Manager.
- How to Create Web Server.
- Template Engine.
- Hands-on practice of Database Connectivity.

| | |
|--------------------------------------|--------------------------------------|
| Total number of Participants: | 90 |
| Timing: | 10:00 AM to 4:20 PM |
| Venue: | D-003 Computer Lab |
| Date: | 25th February 2022 |

Outcomes:

- Students were aware about Node Js.
- Students get knowledge about new JavaScript language features in Node Js.
- Students get idea about creating a template.
- Students were aware with reliable Node.js modules.
- Students get knowledge about the Node Package Manager.
- Students get an idea about Different tools.
- Template Engine.
- Students get hands-on practice of Database Connectivity.

Summary of the program:

On the date 25th February 2022, we had organized Full-Day Hands-on Workshop on “Node Js- Fun with Node”. Prof. Nirav M. Raja, Head of Computer Engineering Department had welcome Mr. Ajay Kadam, Senior HR, Groovy Web LLP with bouquet. Prof. Ashwinikumar Jha, Assistant Professor, Computer Engineering Department had welcome Mr. Nauman Pathan Technical Head of Groovy Web LLP. Prof. Mihir H Rajyaguru has addressed about the workshop and brief about the Experts. The Workshop was delivered by Mr. Ajay Kadam working as Senior HR in Groovy Web LLP. He discussed about and the technical details of the workshop according to technologies required by the IT Companies and which was helpful to get placed and selected in any company. He also delivers the points by which the students easily crack the HR Round. Mr. Nauman Pathan working as a Technical Head in Groovy Web LLP has delivered the entire session on Node Js with Hands-on Practices with the overall functionality of Node Js.

It was attended by more than 90 students of pre Final Year of Computer Engineering and IT Engineering Department. It provided a valuable opportunity for Students to understand the concept of Node Js. Many students during the session, ask the questions and solve their doubt regarding Node Js. The session was very Impressive and Interactive. The session was started at 10:00 A.M and the first session ended at 01:30 P.M. One Hour Break followed by Lunch. The second Session started at 02:30 and end at 04:20 P.M.

Later in the workshop Prof. Nirav Raja Head of computer engineering Department, proposed the token of love to Mr. Nauman Pathan. Prof. Mihir Rajyaguru Coordinator of the Workshop proposed the token of love to Mr. Ajay Kadam and Prof. Ashwinikumar Jha felicitate both the experts by Thanking Letter Provide by MBIT. At last vote of thanks given by Prof. Mihir Rajyaguru and he thanked the management for this opportunity. He thanked everyone who were directly or indirectly involved in making this event successful. All The Participants get the Certificate provided by Computer Engineering Department. The anchors then, instructed the audience to capture a group photo and then the program concluded.

Schedule of Event:

| Sr. No. | Scheduled Time | Activities |
|---------|----------------------|--|
| 1 | 9:30 AM | Expert arrive at college |
| 2 | 09:40 AM to 10:00 AM | Tea & Breakfast |
| 3 | 10:10 AM to 10:20 AM | Felicitation |
| 4 | 10:20 AM to 01:30 AM | Session 1 |
| 5 | 01:30 AM to 02:30 PM | Lunch Break |
| 6 | 02:30 PM to 03:50 PM | Session 2 |
| 7 | 03:50 PM to 04:00 PM | Questionnaires |
| 8 | 04:00 PM to 04:10 PM | Valedictory Function |
| 9 | 04:10 PM to 3:20 PM | Feedback Link, Certificate Distribution and Group Photo |

Event Photos:





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Prepared by: Mr. Mihir H. Rajyaguru

Students Volunteer:

Mr. Anish Patel
Mr. Vrajesh Suthar
Mr. Dhruv Patel

Student Coordinators:

Ms. Mirva Dudhagara
Ms. Shivani Hathi
Mr. Harsh Goswami
Mr. Ayush Patel
Ms. Charmy Thacker
Mr. Rony Parmar
Ms. Nupur Patel
Ms. Nikita Patel

Event Coordinator:

Prof. Mihir H. Rajyaguru
Assistant Professor
Computer Engineering Department

Prof. Ashwinikumar Jha
Assistant Professor
Computer Engineering Department

Head of Department:

Prof. Nirav M. Raja
Computer Engineering Department
Madhuben & Bhanubhai Patel Institute of Technology (MBIT)

Principal:

Dr. Himanshu Soni I/C Principal
Madhuben & Bhanubhai Patel Institute of Technology (MBIT)