A

Brief Report of Workshop

On

"WEB APPLICATION DEVELOPMENT USING PHP"

Integrated IMCA -IV

Dated: 21st January 2025

Organized By

Department of Computer Application (MCA)

Sankalchand Patel College of Engineering

Sankalchand Patel University Kamana Char Rasta,

Gandhinagar-Ambaji State Highway, Visnagar-384315

EVENT POSTER

Brief Report on WEB APPLICATION DEVELOPMENT USING PHP Expert Session by Dr. Jashvant R. Dave

Date: 21st January 2025

Time: 09:00 AM to Onwards

Venue: ABG3,ABG4 LAB

An MCA Department was organized expert session on 21st January 2025 at the ABG3, ABG4 Lab. The event featured Dr. Jashvant R. Dave, a distinguished expert in PHP Web technology, as the guest speaker. The session was attended by students and faculty members from the MCA Departments of SPCE College.

Expert: Dr. Jashvant R. Dave (Ph.D, M. Tech. CSE, B.E)
Assistant Professor, Vishwakarma Government Engineering College
(M) 91-9998994950,
E-Mail: jashvant.dave@gmail.com, jrd_it@vgecg.ac.in

Brief of Expert:

Dr. Jashvant R. Davean Assistant Professor with 19+ years of experience in the academic field. Throughout his tenure, he had the privilege of instructing a variety of students, including those enrolled in diploma, graduate, and post-graduate programs. his passion for software development has compelled to direct and contribute to over ten software projects being utilized by various government organizations. his take pride in commitment to national development and have been actively engaged in children development activities through his association with BAPS. In addition, his broaden experience and exposure to the academic community by volunteering for the IPDC Management Committee, where his conduct training sessions for university faculty and students from both government and private institutions. his mission is to make significant impact on education and the nation through development and innovation in information technology. He ardently believes in and works toward holistic education for everyone.

Topics Covered:

❖ **WEB APPLICATION DEVELOPMENT USING PHP (XAMPP)**

1. Introduction to Web Development
- Overview of web applications.
- Client-server architecture.
- Static vs dynamic web applications.

2. Understanding XAMPP
- What is XAMPP?
- Components of XAMPP (Apache, MySQL, PHP, and Perl).
- Installing and setting up XAMPP.

3. Basics of PHP
- Introduction to PHP and its features.
- PHP syntax and embedding PHP in HTML.
- Variables, data types, and operators in PHP.
- Control structures: loops, conditionals, and switches.
- Functions in PHP.

4. Building a Simple Web Application

- Designing the application flow.
- Creating and structuring files and folders.
- Understanding MVC architecture (optional for advanced discussions).

5. Working with Forms
- Handling form data using $_POST and $_GET.
- Validating form inputs.
- File uploads.

6. Database Integration
- Introduction to MySQL and database design.
- Connecting PHP to MySQL using:
  o mysqli
  o PDO (PHP Data Objects)
- Performing CRUD operations (Create, Read, Update, Delete).
- Prepared statements to prevent SQL injection.

7. Deployment
- Configuring XAMPP for production environments.
- Moving the application from XAMPP to a live server.

❖ **POSTMAN API**
1. Introduction to Postman
- What is Postman and its purpose.
- Benefits of using Postman for API development and testing.
- Overview of Postman interface: Workspaces, Collections, and Environments.

2. API Basics
- What is an API? Types of APIs (REST, SOAP, GraphQL, etc.).
- HTTP Methods (GET, POST, PUT, DELETE, etc.).
- Understanding API requests and responses.
- HTTP status codes and their meanings.

3. Using Postman for API Testing
- Sending requests (GET, POST, etc.).
- Adding query parameters, headers, and body data.
- Authentication methods (API keys, OAuth, Basic Auth).
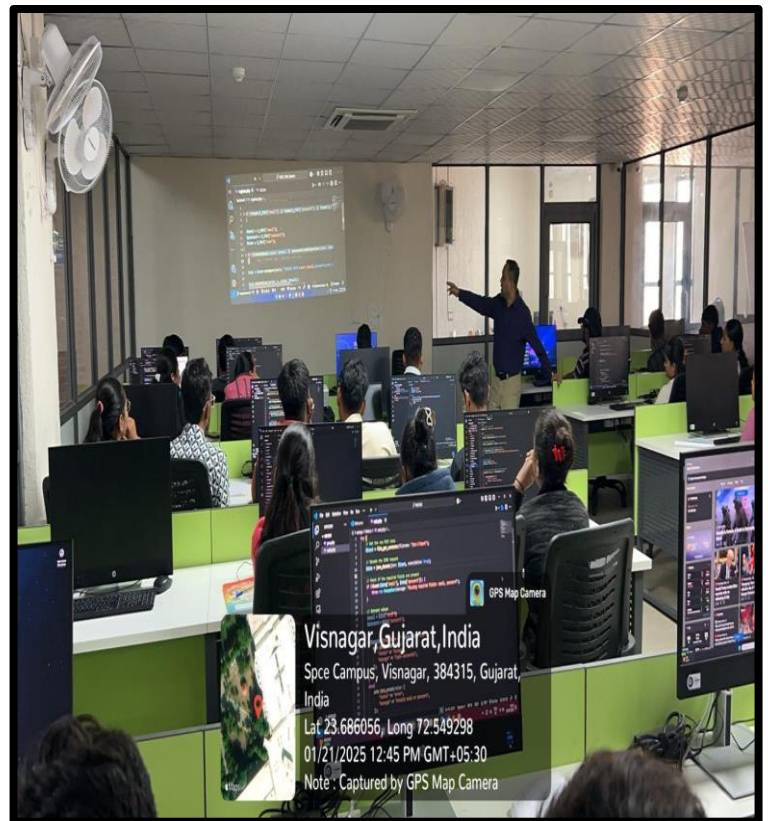- Managing cookies and sessions.

Participation and Engagement
The session witnessed active participation from both students and faculty members, who engaged inthoughtful discussions during the interactive Q&A segments. Dr. Jashvant R. Daveexpertise and practical
insights enriched the audience's understanding of PHP Web technologies. Total 52membershave attended the expert session.

Conclusion
The event concluded with a vote of thanks, acknowledging Dr. Jashvant R. Dave's efforts and expertisein delivering a highly educational and inspiring session. The program was instrumental in fosteringknowledge sharing and sparking interest in the future of PHP Web technologies.

Faculty of Computer Science

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Glimpses of the Expert Session:

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LIST OF STUDENTS PARTICIPANT

Department of Computer Application (MCA)
Sankalchand Patel College Of Engineering, Visnagar
IMCA Semester-IV (2024-25)
Web Application Development Using PHP
Workshop Attandance Sheet

Roll No.	Permanent Registration Number	Students Name	Signature
2	2023095900011705	BAROT ALOK JANAKKUMAR	Alok
3	2023095900011616	BAROT ASTHA NAVNITBHAI	Astha
4	2023095900011945	BHANGI SALONIBEN KALABHAI	S.S.k
5	2023095900011961	BHAVSAR SWAYAM CHETANKUMAR	B.S.C.
6	2023095900012063	CHAVDA HARSHKUMAR MUKUNDBHAI	
7	2023095900011992	DESAI JANVIBEN RAMESHBHAI	D.J.R.
8	2023095900011647	DESAI ZEEL VAGHAJIBHAI	
9	2023095900011984	FOSHI DHAIRYA JAYANTIBHAI	Dhairya
10	2023095900011721	GOSWAMI DIYA ALKESHPURI	D.A.g.
11	2023095900012024	LEUVA JATIN DILIPBHAI	J.D.L
12	2023095900011671	MAKWANA OMKUMAR ASHOKBHAI	Omkumar
13	2023095900011663	MANSURI FIRDOSBANU YASINHUSEN	F.Y.Mansuri
14	2023095900011655	MODI NIRMALKUMAR ASHISHBHAI	
15	2023095900012094	NAYKA DIVYANI SURESHBHAI	Divyani
16	2023095900011937	PARMAR CHINTANKUMAR MANILAL	C.M.P.
18	2023095900012032	PARMAR VIKRAMSINH PRAVINKUMAR	V.P.Parm
19	2023095900011767	PATEL DIYA MUKESHBHAI	D.M.Patel
20	2023095900012152	PATEL JAY RAMJIBHAI	Jay
21	2023095900011864	PATEL KRISHA AMITBHAI	krisha.A.P
22	2023095900012071	PATEL MEET VIPULBHAI	meet
23	2023095900011841	PATEL PREHIT AJAYKUMAR	Prehit Patel
24	2023095900011922	PATEL RAJAVI PARESHKUMAR	P.R.P
25	2023095900011872	PATEL SANIYA BHARATKUMAR	S.Patel
26	2023095900011694	PATEL SANIYA VISHALBHAI	Saniya
27	2023095900012086	PATEL SHIVANGKUMAR KAMLESHKUMAR	S.K.P
28	2023095900011802	PATEL SVET PANKAJKUMAR	Svet.Patel
29	2023095900012121	PATEL UTSAV SURESHBHAI	Utsav
30	2023095900011624	PATEL YASH SITARAMBHAI	Y.S.P
31	2023095900012047	PATHAN JESHAN SAMIMKHAN	
32	2023095900011736	PRAJAPATI ASHISH RAMESHBHAI	A.R.P
33	2023095900012016	PRAJAPATI HAPPYBEN VISHNUBHAI	P.H.V
34	2023095900011686	PRAJAPATI JAIMINKUMAR BHARATBHAI	J.B.P
35	2023095900011906	PRAJAPATI MAYURKUMAR NATAVARLAL	P.M.N
36	2023095900011744	PRAJAPATI PRATIK NARSINHBHAI	
37	2023095900011914	PRAJAPATI RONAK DINESHBHAI	R.D.P
38	2023095900011856	PRAJAPATI TUSHARKUMAR MAGANBHAI	T.m Prajapati

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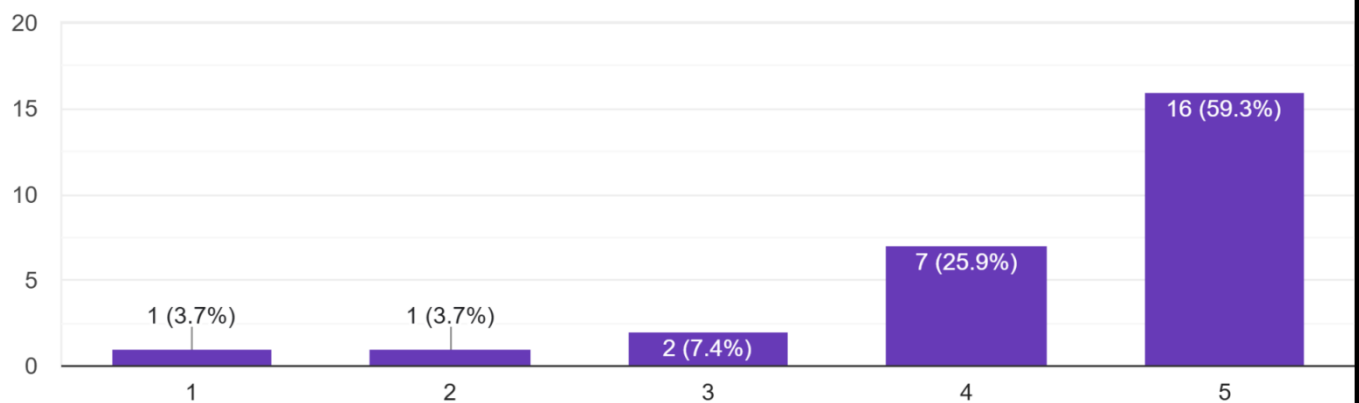| 39 | 2023095900011791 | PRAJAPATI URVISHKUMAR DINESHBHAI | |
40	2023095900011817	RABARI JAGDISHKUMAR BABARBHAI	
41	2023095900011783	RAJPUT JASMIBEN FULSINH	
42	2023095900012001	RATHOD DAKSH YASHVANTBHAI	
43	2023095900010025	RAVAL MEGHA JAYESHKUMAR	
44	2023095900012047	SHAIKH FARHAN MOHAMMEDBHAI	
46	2023095900011775	SOLANKI MAYANKBHAI RAJENDRAKUMAR	
47	2023095900011632	SOLANKI NIKHILKUMAR FULCHANDBHAI	
48	2023095900011887	SOLANKI UDBODHBHAI VASANTBHAI	
49	2023095900011833	SONI RIYABEN HIMANSHUKUMAR	
50	2023095900011825	SUTHAR DISHANT PIYUSHKUMAR	
51	2023095900011953	THAKOR BHOOMIBEN SANJAYKUMAR	
52	2023095900011895	THAKOR HARDIKJI SURESHJI	

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EVENT FEEDBACK BY STUDENTS

Feedback Form Link: https://forms.gle/yQSZHBtop8v1d6JT7
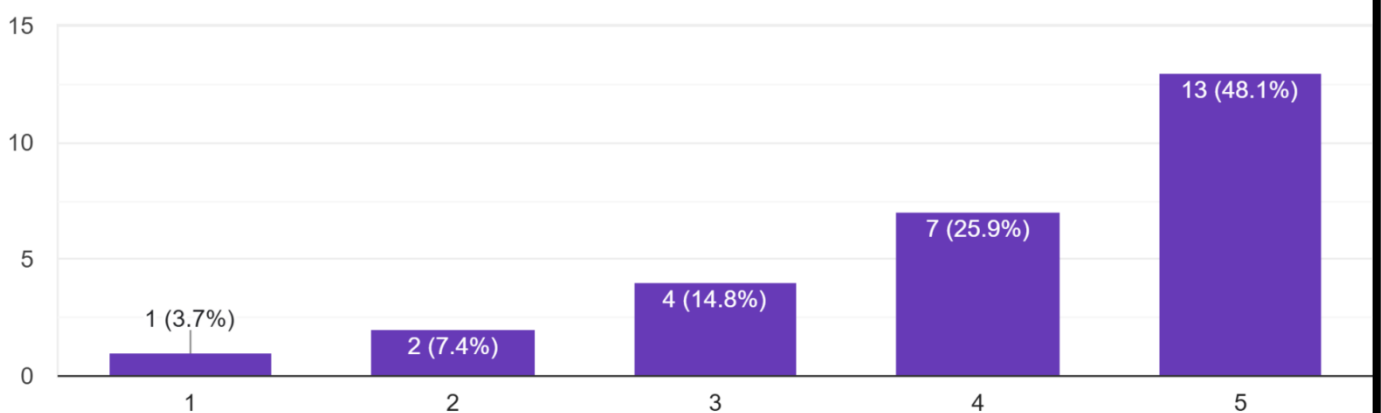
Feedback Analysis:

1. How would you rate the overall experience of the workshop?
27 responses

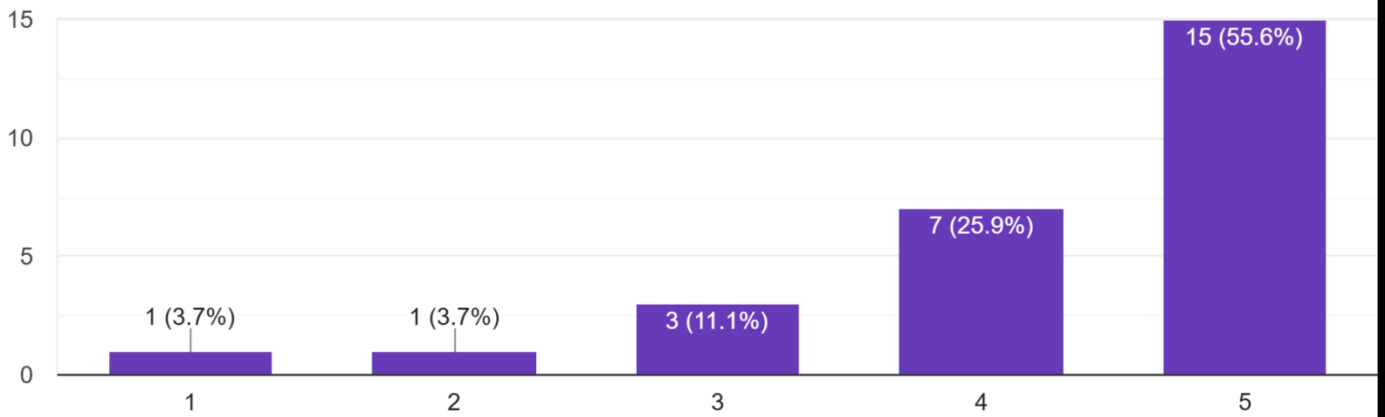## 2. Was the workshop content relevant and helpful?
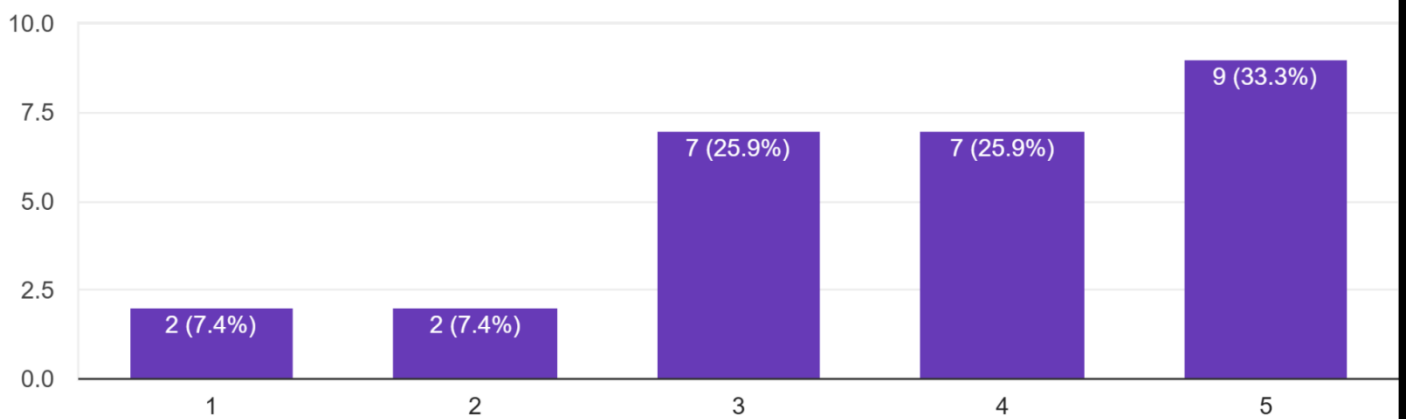27 responses

3. How would you rate the trainer's knowledge and delivery?

27 responses

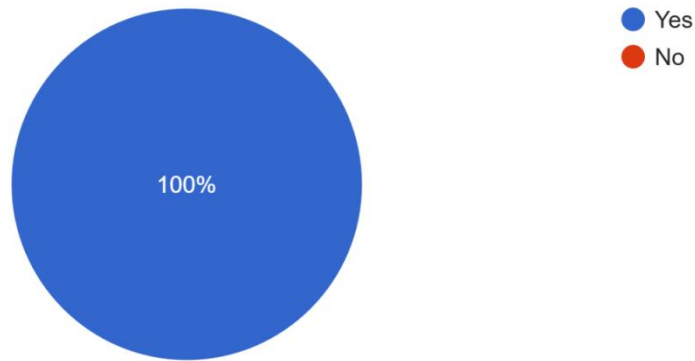## 4. How would you rate the organization of the workshop?

27 responses

5. Would you like to participate in similar workshops in the future?

27 responses

- Yes
- No

Dr. Idrish I. Sandhi   Dr. P. J. Patel

Head of Department (MCA)   Principal,

SPCE, SPU   SPCE, SPU

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