# Report on 5 Days Workshop

Five days National Level Workshop on "**Development of Web Oriented Applications using PHP and MySQL and Orientation Program towards Research**" was conducted by Department of Computer Science & Engineering from 16th January 2017 to 20th January, 2017. The workshop was inaugurated by Dr. Balakrishnan Manikiam, Sir-MV ISRO Chair Professor, Bangalore University. He lighted the lamp of wisdom and in his speech. He emphasized the need of digital transformation in current scenario. He educated the gathering on the growth and integration of technologies and importance of web applications. He also explained how such workshops would help us provide knowledge of using web applications to turn India into "Digital-India".

The Dean Academics, HoDs of various departments were also present during the inaugural function. The resource person Dr. S. Mohideen Badhusha highlighted the importance of the web oriented applications with intensive hands-on sessions and delivered vote of thanks. There are 50 participants from various colleges participating in the workshop.

The proceedings of the workshop are as follow:

Day 1: The demonstration was made on 'Salient and unique features of PHP' with the hands-on training sessions in the basic programming constructs along with relevant exercises in PHP followed by advanced programming constructs in PHP with HTML.

Day 2: The demonstration was made on 'Introduction to the object oriented programming concepts in PHP' along with the hands-on training sessions in implementing the simple object oriented programs with relevant exercises in PHP followed by the demonstration of implementing the in-built functions in PHP.

Day 3: Basic MySQL commands are delivered along with the hands-on training sessions for implementing basic queries in MySQL followed by demonstration of implementing advanced queries in MySQL.

Day 4: The exercises on 'Development of web oriented applications using PHP, HTML and MySQL' with the hands-on training sessions for developing on-line applications followed by the demonstration of development of online management system using PHP, HTML and MySQL with Case Studies.

Day 5: On 5th day, Prof. Manjunath Kotari , HoD/CSE conducted a session on "Research Orientation- General Advice" to the Research Scholars. In the session, he explained as how to start the Research, what are the good qualities of Research, types of Researches in India, Structure of Ph.D thesis and tips to write the thesis and journal paper. Dr. Mohideen Badhusha, Professor, Dept of CSE delivered a lecture on Research Avenues in Computer Science & Engineering domain and caveats with some examples for thesis work". The day ended with a valedictory function in which the certificates were distributed to all the participants.

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

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