



# B V RAJU COLLEGE

(AUTONOMOUS)

NAAC Accredited and NIRF-2025 Ranked Institution



## DEPARTMENT OF MCA

*organize*



# WORKSHOP ON WEB APPLICATION DESIGN & DEVELOPMENT

*(A Hands on Training Program)*

**DATE :**

**22nd to 30<sup>TH</sup> DECEMBER, 2025**

**PARTICIPANTS :**

**FIRST MCA STUDENTS**

## INTRODUCTION:

Department of MCA, B V Raju College (Autonomous) conducted a Workshop on Web Application Design & Development from 22nd to 30th December 2025. The main objective of this workshop was to provide practical exposure to students and train them in developing real-time web applications.



## OBJECTIVES OF THE WORKSHOP:

- To provide knowledge on web application development
- To introduce front-end and back-end technologies
- To give hands-on experience through mini projects
- To enhance practical and industry-oriented skills
- To improve teamwork and presentation skills

## TECHNOLOGIES COVERED:

**Front-End Technologies:** HTML, CSS, JavaScript

**Back-End Technologies:** Node.js, Express.js

**Database:** MySQL

**Tools:** Visual Studio Code, Web Browser

## **WORKSHOP SCHEDULE:**

- Day 1 – Day 2 (22-23 Dec, 2025):** Introduction to Web Applications, HTML and CSS, JavaScript fundamentals and form validation
- Day 3 (24 Dec, 2025):** Node.js and Express.js
- Day 4 (26 Dec, 2025):** MySQL database connectivity and CRUD operations
- Day 5-6 (27,29 Dec, 2025):** Mini Project Development
- Day 7 (30 Dec, 2025):** Project Demonstration and Presentation

## **MINI PROJECTS DEVELOPED:**

- Online Examination System
- CRM
- Heritage Tourism
- Exam malpractice Detection
- Employee Leave Management System
- Resume Builder
- Document Tracker
- Expense Tracker
- Flight Management System
- Library Management System
- Movie Tickets Booking
- Greysphere-Chatbox
- Online Appointment System
- Hotel Management System
- Bug-Tracker
- Smart Subscription Tracker
- Daily Motivation Website
- Document Tracker
- Career Compass
- Attendance Management System
- E-Commerce
- QR-Code Generator
- Document Tracker
- Job Portal
- Placement Management System
- Course Allotment
- Online Travel booking system
- Bus Tracking System
- Complaint Management System
- Mini Social Media
- Medical Insurance System
- Weather Dashboard
- Interactive Health and Wellness
- Project Management System
- Fitness Application
- Canteen Management System
- Habit Tracker
- Boxing Store
- Inventory Management System
- To-Do List
- Event Portfolio
- Story Teller Website
- Soil Testing System
- Internship Courses
- Online Voting System

## PROJECT DEMONSTRATION:

On 30th December 2025, students presented their mini projects. They demonstrated the working of their applications, explained the technologies used and database design. Faculty members from BCA department and Data Science department evaluated the projects and provided feedback.





Some of the Students deployed their projects in GitHub. The following are the links:

<https://divyasuravarapu.github.io/appointment-system/>

<https://sasank404.pythonanywhere.com/login?next=%2F>

<https://chitturisn2004-web.github.io/Online-exam-malpracticedetection/>

<https://kolaaswini.github.io/inventory-app/>

<https://madhavbokka.github.io/online-resume-builder/>

<https://vushithakolisetti.github.io/todo-app/>

<https://harshithapeethani.github.io/Heritage-tourism/>

The following students give demonstration of their projects:

MCA Web Application Design & Development Workshop Attendance 30-12-202				
S.N	Regd.no	Name of Candidate	Project Title	Signature
1	2585351001	ADABALA VIJAYA DURGA	Library Management	
2	2585351002	ADADA GANGA LAHARI	Hotel Management System	Lahari A
3	2585351003	ADDALA NEELIMA DIVYA	Bug tracking system	
4	2585351006	ARAVA SAI SAMHITA	Smart Subscription Tracker	A. Sai Samhitha
5	2585351007	ARIGELA M N S VENKATA	Daily Motivation Website	
6	2585351008	BALLA DEVIKA RANI	Online Document Tracking	B. Devika Rani
7	2585351012	BODDU TEJA KRISHNA	Hotel Management System	B. Teja Krishna
8	2585351013	BOKKA MADHAVA NAGA SAI	Resume Builder	
9	2585351014	CHELLABOYANE SRINIVAS	Job portal	Ch. Srinivas
10	2585351016	CH MOUNIKA NAGA SREE	Course Allotment	Ch. Mounika Nagasree
11	2585351017	CHIKILE KUMARI	Expense Tracker	Ch. Kumari
12	2585351018	CHIKKALA VENKATA SATYA	Online Travel Booking System	Ch. Prasanna
13	2585351020	CHITTURI SATYA NIRAJA	Online Exam Malpractice Detection	Ch. Satyanisaja
14	2585351022	DANGETI VENUSRI	Placement Preparation Portal	D. Venusri
15	2585351023	DASARI RAMYA	Complaint Management System	D. Ramya
16	2585351026	DONGA LEELA SAI SRIDURGA	Mini Social Media	D. Leela
17	2585351027	DUDE MANI SAI	Bus Tracking System	D. Mani Sai
18	2585351029	ETHAKOTA ADITYA	Medical Insurance System	E. Adithy A
19	2585351030	GANDHAM GAYATHRI	Weather Dashboard	
20	2585351031	GANDHAM JNANA DEEP	Cricket Match Tracker	
21	2585351033	GIRIJALA KARTHIK	Chat Application	G. Karthik
22	2585351034	GOLLAPUDI MANI SAI SASANK	Gumm CRM	G. Sasank
23	2585351043	GUNNAMPALLI SAI GOWRI	Interactive Health & Wellness	
24	2585351044	GUTTIKONDA SIRI	Project Management System	G. Siri
25	2585351047	JAGGAMPUDI MOHANA	Library Management	J. Mohana Kuppa
26	2585351051	KADALI VINISHA	Employee Leave Management System	K. Vinisha
27	2585351052	KADIYAM JOGI SYAM KIRAN	Fitness Application	K. J. Kiran
28	2585351054	KAKILETI SANGEETHA	Canteen management	K. Sangeetha
29	2585351056	KANDIKUPPA AJIT KUMAR	Habit Tracker	K. Ajit Kumar
30	2585351057	KAPA MOHITH KUMAR	Food application	K. Mohith Kumar
31	2585351060	KILARI VENKATA NAGA SURYA	Boxing Store	K. V. N. S. Prakash Rao
32	2585351061	KOLA ASWINI	Inventory management system	K. Aswini

33	2585351062	KOLISETTI YUSHITHA RATNA	ToDo List	K. Yushitha
34	2585351066	KONDETI BALA NANDU	Event Portfolio	
35	2585351068	KOTLA HEMA SIRISHA	Story Teller Website	
36	2585351070	KUKUNURI DURGA SRAVANTHI	Food management system	K. Durga Sravanthi
37	2585351071	KUMMARA NAGA BHAVANI	Career Compass	
38	2585351072	KUNA NAGA VENKATA	Attendance Management System	K. Nagesh
39	2585351076	LANKI GANESH	Hostal management system	L. Ganesh
40	2585351077	LINGAMPALLI JAYA SHANKAR	Soil Testing System	
41	2585351078	LINGAMPALLI REVANTH	E-Commerce	
42	2585351079	MADALA NAGA VENKATA	Internship Courses	
43	2585351082	MANDELA LEELEA SRI SOWMYA	Placement management system	M. Sowmya
44	2585351083	MANE JYOSHNA CHANDRIKA	Bus Tracking System	M. Jyoshna Chandrika
45	2585351089	NARA SAI DEEPTHI	E-Commerce	
46	2585351090	PADAMATI BHARGAVI	Local Events Promotions	
47	2585351093	PAMMI VENKATA RATNAM	Metro Parcel Connector	
48	2585351096	PEETHANI HARSHITHA SRI	Heritage Tourism	P. Harshitha Sri
49	2585351099	RAJA MOUNIKA	Smart Expense Analyser for Students	
50	2585351100	RAMANI NAMITHA	Food management system	R. Namitha
51	2585351102	RAVURI PURNA SATYA	Food management system	R.P.S. Lakshmi Devi
52	2585351103	REGANI SRI RAM CHARAN	Gym management system	R. Sri Ram Charan
53	2585351107	SEESALA PRAVEEN	QR code generator	
54	2585351108	SETTIPETA JAYA SATYA TULASI	Bus Tracking System	
55	2585351109	SHAIK SAKREENA	Online Quiz Management System	Sk. Sakreena
56	2585351114	SRIPATHI LAKSHMI	Online Examination	S. Lakshmi
57	2585351115	SURAVARAPU DIVYA	online appointment system	S. Divya
58	2585351117	TATAKULA NITHYA SREE	Event Management Portal	Nithya Sree
59	2585351118	TIRUMALASETTI AMULYA	Employee Management System	
60	2585351119	TUMMAPALA MEHER	Online Voting System	T.M. Amrutha
61	2585351120	VADALI N V S R ISHWARYA	Hostal management system	V. Ishwarya
62	2585351122	VANAPALLI NAVYA GOPAL	Flight Management System	V. Navagopal
63	2585351123	VEERAVALLI PRAVEEN KUMAR	Expense Tracker	V. Praveen
64	2585351126	YADALA BHARATH	Movie Tickets Booking	Y. Bharath

### **OUTCOMES OF THE WORKSHOP:**

- Improved practical knowledge of web development
- Enhanced confidence in real-time application development
- Exposure to industry-oriented technologies
- Improved communication and presentation skills

### **CONCLUSION:**

The workshop successfully bridged the gap between theoretical knowledge and practical implementation. It helped students gain confidence in developing web applications using modern technologies.