



Sant Dnyaneshwar Shishan Sanstha's

Hon. Shri. Annasaheb Dange Arts, Commerce & Science College, Hatkanangale

Department of Computer Science

CERTIFICATE COURSE IN ADVANCED WEB DEVELOPMENT

Academic Year: 2022-2023

Course duration : 30 days
02/08/2022 to 07/09/2022

Time : 9.00 am to 10.00pm

1]

Student's Notice. 2] Br

ochure Syllabus.

3] List of Participating

Students. 4] Schedule of Contactses

sions.

5] Participating Student Attendance Sheet.

6] Activity Report.

7] Question paper

8] Result Sheet

9] Certificate



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CERTIFICATE COURSE IN ADVANCED WEB DEVELOPMENT

Academic Year: 2022-2023

Student's Notice

Date: -14/07/2022

Day: -Thursday

Department of Computer Science Organize 1 month short Term Certified Course (Role of Angular in Web Development) for B.Sc. Students. Duration of this course was 02/08/2022 to 07/09/2022. Maximum 70 Participants will be apply for this course after course completed we organize internal and external Tests of 50 Marks. The course will be free of cost and the students will be given a certificate after passing the exam. Students who want to register their names should submit their names to Mr. Swapneel Rawal Sir before 25/07/2022.

Coordinator

Pravin S. Gurav



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DEVELOPMENT***

Academic Year: 2022-2023



Course Coordinator

Pravin S. Gurav
[Department of Comp. Sci.]
Hon. Shri. Annasaheb Dange
Art's, Commerce and Science
College, Hatkanangale Phone No : 0230-2483521 Mobile No: 9850122568

Principal

Dr. Yojana Jugale
Hon. Shri. Annasaheb Dange
Art's, Commerce and Science
College, Hatkanangale

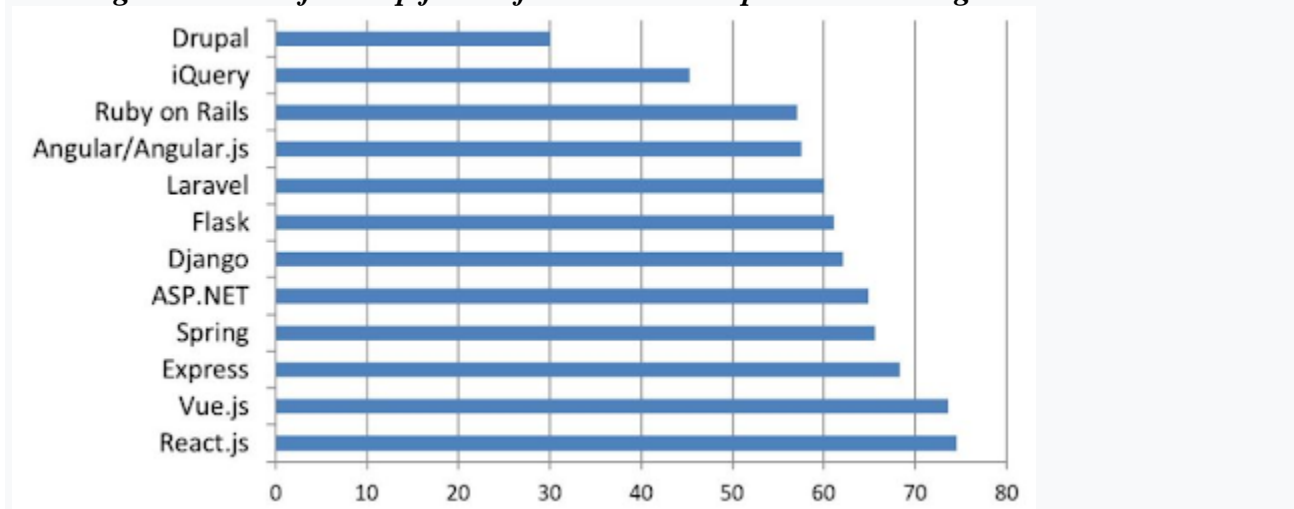
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(1) Introduction to Role of Angular in Web Development Course:-

Every year different activities are conducted by bca department for students. One of them is this certificate course. Angular is one of the new technologies coming in the IT industry every day. Today, there is a huge demand for angular developer in the IT sector, we have started this short term course for the student, Genecroon students should be familiar with it and when the student goes for a job, this certificate can be useful for him.

Angular is one of the top five in front-end development technologies:



(2) About Syllabus:-

Angular is a full-featured JavaScript framework that provides an extensive library of tools to support your development process. Angular features like two-way data binding, data-driven templates, dependency injection, and testing utilities help improve the quality of your code while simplifying development and maintenance processes.

Angular is one of the most popular JavaScript frameworks that can be used for dynamic web application development. This single-page application development framework is open source and freely available on GitHub. You can use it for making any kind of applications such as CRM systems, newsreader applications, or online shopping carts.

It follows convention over configuration principle where you don't need to specify how to construct your data models in advance rather than providing conventions and letting them model data following these conventions in response to user input by using two-way data binding.

(3)Eligibility of Course:-

All students of B.Sc part I,II and III can apply for this course

Accessibility :Maximu [70] studnts .

(3)CourseDuration:-

The duration of this course will be 30 hours out of which 20 hours will be lectures and 10 hours will be practicals.

(5)CourseMedium:-

The teaching method for this course will be both English and Marathi but the exam will be in English only. There will be 20 multiple choice questions and 40 marks and 10 marks will be practical work.

(6)Syllabus Structure :-

Unit – I Induction for Full Stack Web Developer - MEAN Stack07 Hrs

- Get started with the Full Stack Web Developer
- MEAN Stack Program and explore everything about the program.

Unit –II Building a strong MEAN foundation

07 Hrs

- The fundamentals of web development,
- Agile and Scrum methodologies,
- HTML, CSS, and JavaScript to create expressive and dynamic websites
- GIT to manage version control systems.

Unit – III Develop rich frontend with Angular

08 Hrs

- The differences between front and back-end web development by using tools like Angular and Node.js.
- evaluate test cases and errors using TypeScript to build fast and scalable server-side networking applications.

Unit- IV Complete MEAN backend with NodeJS and MongoDB08 Hrs

- the advanced skills of Node.js and Express.js.
- design Rest APIs and leverage MongoDB to store data in a highly scalable, flexible, and distributed NoSQL database.
- deploy a scalable and dynamic application.

● **References:-**

- 1-<https://angular.io/guide/architecture>.
- 2- <https://nodejs.org/en>
- 3- <https://www.w3schools.com/angular/>
- 4- <https://www.javatpoint.com/angular-8>

(7) Study Methods:-

1. Guided by expert teachers
2. Internal Evaluation
3. Practicals in Computer Lab

(8) Evaluation Process:-

- Following are the evaluation Method
- 8.1- Internal Evaluation – 10 Marks
- 8.2- Final Exam – 40 Marks

8.1- Internal Evaluation:-

For this student have to choose one project and complete it

8.2- Final Exam:-

For passing students have to get 40 % marks in final exam.

(9) Credits:-

2 Credits For this course

(10) Contacts:-

Coordinator

Mr. Pravin S. Gurav

Department of Computer Science

Hon. Shri. ADACS college, Hatkanangale

Mobile: 9850122568



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CERTIFICATE COURSE IN ADVANCED WEB DEVELOPMENT

Academic Year: 2022-2023

Register Student List

Sr No	Student Name	Class
1	BAGWAN SAMIR MEHABOOB	B.Sc.- I
2	BELEKAR TEJASVI ANIL	B.Sc.- I
3	BHAKARE DIGVIJAY ANANDA	B.Sc.- I
4	CHAVAN SANKET SACHIN	B.Sc.- I
5	DEVKULE ADITYA DEEPAK	B.Sc.- I
6	GAIKWAD SUYASH UDAYBHAN	B.Sc.- I
7	GHORPADE AKSHAY SANJAY	B.Sc.- I
8	INAMDAR SAMAD SANAULLA	B.Sc.- I
9	JADHAV VAISHNAVI VISHNU	B.Sc.- I
10	JAMBHALE ATHARVA TUKARAM	B.Sc.- I
11	JAMBHALE RUSHIKESH RAJKUMAR	B.Sc.- I
12	KAMATE PRASAD EKNATH	B.Sc.- I
13	KAMBLE SACHIN SANJAY	B.Sc.- I
14	KOLI ADITYARAJ PANDURANG	B.Sc.- I
15	KOLI GANESH DILIP	B.Sc.- I

16	LOHAR AMRUTA DHANAJI	B.Sc.- I
17	MAYANNA VINOD DILIP	B.Sc.- I
18	MULLA SUBHAN RASHEED	B.Sc.- I
19	NARUTE AMRUTA ASHOK	B.Sc.- I
20	NINGURE ANIKET TANAJI	B.Sc.- I
21	PATIL ABHISHEK BHARAT	B.Sc.- I
22	PATIL CHETAN SHIVKUMAR	B.Sc.- I
23	SAPKAL RENUKA BALU	B.Sc.- I
24	SARAVARI ANNA PURNA CHANDRAKANT	B.Sc.- I
25	DHUMALE SNEHA SUNIL	B.Sc.- I
26	BAGWAN MAHAMADSHAFI ALAMGIR	B.Sc.- I
27	CHAVAN ISHA VINOD	B.Sc.- I
28	DONGARE PRATIK RAJENDRA	B.Sc.- I
29	GAIKWAD ADITI AJIT	B.Sc.- I
30	JADHAV JYOTI MILIND	B.Sc.- I
31	KAMBOGI SAMIR MAOHAMMAD	B.Sc.- I
32	KASHID PRAVIN BALIRAM	B.Sc.- I
33	KAZI NOHID NADIM	B.Sc.- I
34	KOLI AJINKAY PRAKASH	B.Sc.- I
35	METHE PRANALI PRAKASH	B.Sc.- I
36	PATIL YASHRAJ NETAJI	B.Sc.- I
37	POTDAR HARSHADA CHANDRAKANT	B.Sc.- I

38	SHELAR ROHIT UMESH	B.Sc.- I
39	SHINDE ABHISHEKH KASHINATH	B.Sc.- I
40	SHINDE GURURAJ PANDURANG	B.Sc.- I
41	SINGH SHIVA JIVAN	B.Sc.- I
42	HASABE SAWAN SANJAY	B.Sc.- I
43	JADHAV VISHWAJIT DHANAJI	B.Sc.- I
44	JIG NARASU ANANDA	B.Sc.- I
45	KARAKE GANESH VITTHAL	B.Sc.- I
46	KARANDE SANKET SHIVAJI	B.Sc.- I
47	KSHIRSAGAR MIRA SUDHAKAR	B.Sc.- I
48	MELAGE AKASH PARASHRAM	B.Sc.- I
49	MHAMAYE MUSKAN YASIN	B.Sc.- I
50	NADAF TAHURA DASTAGIR	B.Sc.- I
51	SUTAR BHAGYASHRI DADASO	B.Sc.- I
52	WAGHMODE PRITAM PARSHRAM	B.Sc.- I
53	KHAN SANIYA IJHAR	B.Sc.- I
54	KUMBHAR INDRAYANI SANTOSH	B.Sc.- I
55	CHOUGULE TEJAS KUMAR	B.Sc.- I
56	SATPUTE SAKSHI VIJAY	B.Sc.- I
57	ABRANGE AKASH BAJIRAO	B.Sc.- I
58	BAMANEKAR SONAL SURASH	B.Sc.- I
59	MUJAWAR SANIYA SHAWAL	B.Sc.- I

60	NAYANI MAHAMDSHIFI MUSTAK	B.Sc.- I
61	NIKAM PRARNA SUDHIR	B.Sc.- I
62	PARIT SHUBHAM EKANATH	B.Sc.- I
63	PAWAR RAHUL DADA	B.Sc.- I
64	SHENDURE KETAN UTTAM	B.Sc.- I
65	THOMBARE RAM MAHADEV	B.Sc.- I
66	VADGAVE AKSH ASHOK	B.Sc.- I
67	WAGARE SANIKA SANTOSH	B.Sc.- I
68	WAGHMODE ARCHNA DADASAHEB	B.Sc.- I
69	DAVNE RUTUJA RAVSAHEB	B.Sc.- I
70	DANWADE ARBAJ IQBAL	B.Sc.- I



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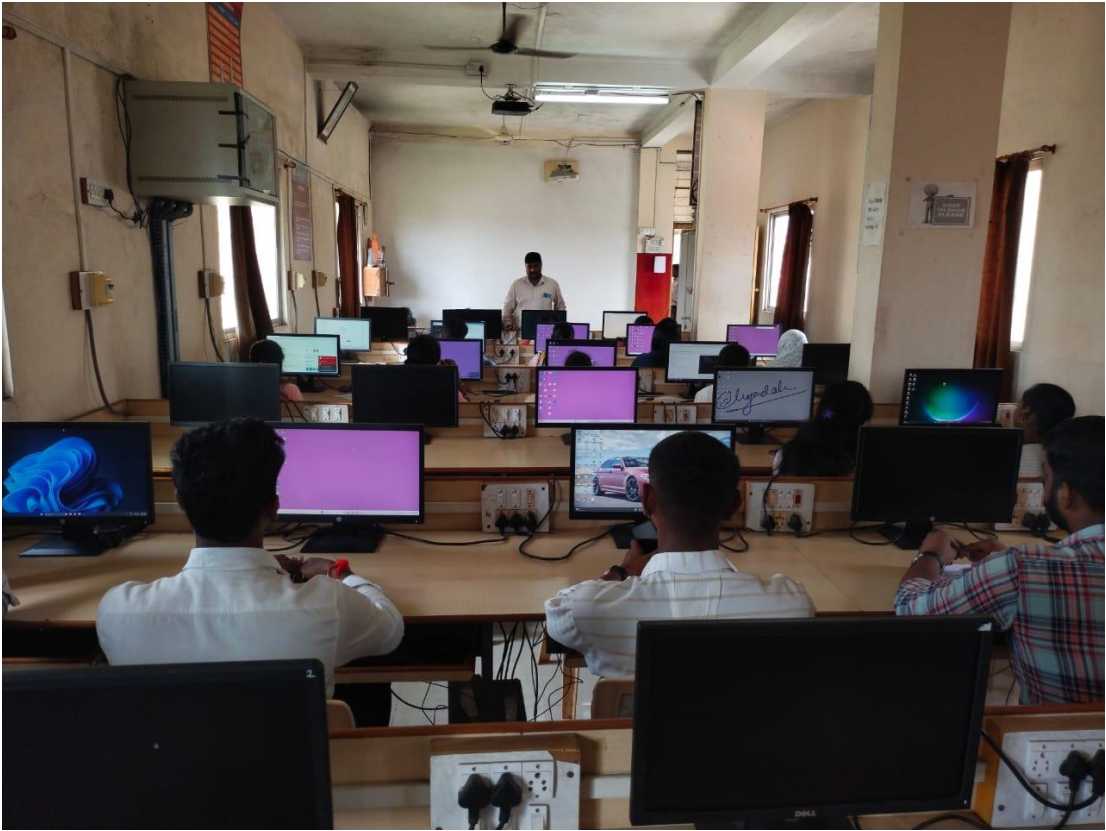
Time Table

Faculty Name : Mr. Nitin A. Patil

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00 to 10.00	9.00 to 10.00	9.00 to 10.00	9.00 to 10.00	9.00 to 10.00	9.00 to 10.00

Participating Student List

Photos :



Sample Certificate: