

**DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE**  
 Shavige Malleshwara Hills, Kumarswamy Layout, Bangalore-560082

**Internal Quality Assurance Cell (IQAC)**  
 Centre of Excellence –Web Technologies

**Three days National Faculty Development Program**

**On**

**" Emerging Tools and Techniques for Web Development "**

**Department: MCA**

**Date: 20-01-2023**

Sl. no.	Particulars	Event related Details			
1.	Event*	Faculty Development Program			
2.	Title of the Event	National Level FDP on " Emerging Tools and Techniques for Web Development"			
3.	Date	18-20 January 2023			
4.	Time	11 am-1 pm			
5.	Venue	Google meet <a href="https://meet.google.com/imv-dpez-ywm">https://meet.google.com/imv-dpez-ywm</a>			
6.	Resource Person Details	1. Mr.Sandeep M Gokhale, CEO, Techvito LLP, Bangalore 2. Mr.Bharath Ravi, Senior Software Developer, Digit Insurance, Bangalore 3. Dr.Sree Rekha ,Engineering Leader at Amazon, Redmond, Washington, United States 4. Dr. Priyanka Verma, Sr.Assistant Professor, IIS Deemed to be University ,Jaipur			
7.	Topics Covered	<ul style="list-style-type: none"> <li>• Web Application Framework–ReactJS</li> <li>• Web Application Framework –AngularJS</li> <li>• Web Mining</li> <li>• Infrastructure as Code and Local Development Environment .</li> </ul>			
8.	No. Faculty Participants	Internal:	05	External:	98
9.	No Student Participants	Internal:	Nil	External:	
10.	Faculty Coordinator/s	Full Name: Prof. Suneetha V Department: Computer Applications Designation: HOD Full Name: Dr. Salini Suresh Department: Computer Applications Designation: Associate Professor Full Name: Prof. Srivatsala Department: Computer Applications Designation: Assistant Professor			
11.	Student Coordinator	Nil			

Particulars	Event related Details
Total Expenditure	Rs.10,000
13. Sponsors and Amount	NA
14. Program Schedule of the Event attached?	Yes
15. Provide the link of the report uploaded on College Website	<a href="https://www.dscasc.edu.in/images/MCA/news/EmergingTool.pdf">https://www.dscasc.edu.in/images/MCA/news/EmergingTool.pdf</a>
16. Provide the links of the report uploaded on Social Media	<a href="https://www.linkedin.com/posts/mca-bu-dsi_facultydevelopment-fdp-webdevelopment-activity-7023235139111444480-ciws?utm_source=share&amp;utm_medium=member_desktop">https://www.linkedin.com/posts/mca-bu-dsi_facultydevelopment-fdp-webdevelopment-activity-7023235139111444480-ciws?utm_source=share&amp;utm_medium=member_desktop</a>
17. Report sent to Newspapers? If yes, provide cuttings/images:	Nil
18. Certificates Printed?	Yes
19. Feedback Collected?	Yes
20. Attendance Sheet Attached?	Yes
21. Summary of the Event	The Centre of Excellence in Web Technologies, Department of Computer Applications –MCA organized a Virtual 3-days National Level Faculty Development Program in the area of Web Development, “Emerging Tools and Techniques For Web Development” during 18-20 January 2023 .The FDP program helped the participants to get extensive knowledge and hands on training in latest trends in Web Development from an industry perspective. The resource persons for the FDP were Mr.Sandeep M Gokhale, CEO, Techvito LLP, Mr.Bharath Ravi, Senior Software Developer, Digit Insurance, Bangalore, Dr.Sree Rekha ,Engineering Leader at Amazon, Redmond, Washington, United States and Dr. Priyanka Verma, Sr.Assistant Professor, IIS Deemed to be University ,Jaipur . The FDP was conducted in five sessions and covered the topics: Web Application Framework–ReactJS ,Web Application Framework – AngularJS, Web Mining ,Infrastructure as Code and Local Development Environment .
22. Photographs of the Event	Attached

*Sandeep M Gokhale*

Event Coordinator

*K. Smeethy*  
HoD

*Bharath Ravi*  
20/01/23  
IQAC Coordinator

*[Signature]*  
Principal

Photographs:



# DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE

Affiliated to Bangalore University, Recognized by Government of Karnataka and  
Approved by AICTE and Accredited by NAAC

Department Of  
Computer Applications  
Presents

## Emerging Tools & Techniques For Web Development

Three Days National Level  
Faculty Development Program  
(Virtual)

18-20 JANUARY 2023



Mr. Sandeep M Gokhale  
CEO,  
Techvito LLP  
Bangalore



Mr. Bharath Ravi  
Senior Software Developer,  
Digit Insurance  
Bangalore



Dr. Priyanka Verma,  
Sr. Assistant Professor,  
IIS Deemed to be University,  
Jaipur



Dr. Sree Rekha,  
Engineering Leader at Amazon,  
Redmond, Washington,  
United States

Photo 1: FDP Brochure

Full Name(IN BLOCK LETTERS)	Designation	Institution	Address
Rajesh Kumar Kaushal	Professor	Chitkara University, Punjab	Chitkara University, Rajpura, Punjab
Dr. Mahesha D.M	Assistant Professor	Karnataka state open university	Mukthagangothri DOS In Computer Science
Ms. Pankaja R	Assistant Professor	SVCE	Bengaluru
Dr. Mohan Kumar H P	Professor	Pes college of engg	Mandya
Prof. JAYANTHI M	Research Scholar	CMR UNIVERSITY	No 76,Srikrishna , 3rd Cross, Ramaiah Layout,Kammanahalli Ramaiah Layout,Kammanahalli
Ms. DEEPTI DESHPANDE	Assistant Professor	KLES's BCA,P.C Jabin Science College,Hubballi	KLES's BCA,P.C Jabin Science College,Hubballi
Ms. SHIVAMMA D	Assistant Professor	Dayananda Sagar University	Bangalore
Prof. Beena N	Assistant Professor	Vijaya College	RV road
Ms. NAFISA S	Assistant Professor	SILICON CITY COLLEGE	BANGALURU
Ms. SAMYUKTA PATIL	Assistant Professor	DSCASC	Kumarswami layout Bangalore
Dr. ASHA N	Professor	NIE	Mysore
Mr. V RAJESH KUMAR	Assistant Professor	Sir M Visvesvaraya Institute of Technology	Bengaluru
Prof. Vaishnavi	Assistant Professor	NIE	Mysuru
Ms. BHAVYA S	Assistant Professor	Sir M Visvesvaraya Institute of Technology	Bangalore
Dr. Mahima Gupta	Assistant Professor	Govt. College, Jodhpur	Govt. College, Jodhpur
Dr. SOWMYA NAIK	Professor	City Engineering College	Off Kanakapura Road, near Doddakallasandra metro station, Bangalore 560062
Mr. Sriram Mustapure	Assistant Professor	Sir MVIT	Bangalore
Dr. PRASHANTH G K	Assistant Professor	Siddaganga Institute of Technology	Department of Master of Computer Applications, Siddaganga Institute of Technology, B H Road, Tumkur-572103
Ms. P SHALINI	Associate Professor	Sir Mvit	Sir Mvit quaters
Ms. Neethi M V	Assistant Professor	NIE	Mysore
Ms. Madhu Nagaraj	Assistant Professor	National Institute of Engineering	Mysuru, Karnataka
Ms. KAVYA M V	Assistant Professor	B M S. COLLEGE FOR WOMEN	Basavanagudi Bangalore

Full Name(IN BLOCK LETTERS)	Designation	Institution	Address
BALASARASWATHIE	Assistant Professor	Vsiscm	382,2nd floor, BEML LAYOUT,Baswesw Bangalore
Bhaskar	Assistant Professor	Sir MVIT	Doddakallasandra, Kanakapura main road
Prof. SANGEETA URANAKAR	Assistant Professor	City Engineering College	Shashikala H C, 15/42, 16th cross, 15th main, PADMANABHA NAGAR, Bangalore Urban District, Karnataka, pincode: 560070
Prof. SHASHIKALA H C	Assistant Professor	City Engineering College	
Ms. Nagaveni R	Assistant Professor	Maharani Lakshmi Ammanni College For Women	Bangalore
Prof. Dr.MANJIAH D H	Professor	Dept. Of PG STUDIES and RESEARCH IN COMPUTER SCIENCE MANGALORE UNIVERSITY MANGALAGANGOTRI MANGALORE	MANGALORE UNIVERSITY MANGALAGANGOTRI MANGALORE:574199.
Ms. R .LATHA	Associate Professor	Sir MVIT	Dept of MCA,sir MVIT
Dr. V. ASHA	Professor	New Horizon College of Engg	Near marathalli, ring road, bellandur post, BANGALORE - 103
Prof. RANJANA KUMARI	Associate Professor	Global Institute of Management Sciences	Ideal Homes Township, Rajarajeshwari Nagar, Bangalore
Dr. G. SUMATHI	Others	CEG Campus, Anna University, Chennai-25	G.SUMATHI, Teaching Fellow, Department of Mathematics, CEG Campus, Anna University, Chennai-25
Ms. SAHANA S REDDY	Assistant Professor	Vemana Institute of Technology	kormangala , bangalore-560034
Mr. H K VIRUPAKSHAI AH	Assistant Professor	SIDDAGANGA INSTITUTE OF TECHNOLOGY	DEPARTMENT OF MCA, SIDDAGANGA INSTITUTE OF TECHNOLOGY, B H ROAD, TUMAKURU - 572103
Dr. R. LOGAMBIGAI	Others	Anna University	CEG campus, Anna University, Chennai
Prof. MALATESH S H	Professor	M S ENGINEERING COLLEGE	Sadahalli P.O BENGALURU
Mr. ABDULLAH MOHAMMEDILYAS HAN	Others	A Y DADABHAI TECHNICAL INSTITUTE	Kosamba Mahuvej Road, Kosamba, Dist :Surat, Gujarat

Full Name (IN BLOCK LETTERS)	Designation	Institution	Address
MOHSIN SALIM GANGAT	Others	A.Y.DADABHAI Technical Institute, Kosamba	MahuvejrRoad, Kosamba, Surat, Gujarat
Ms. S. BABEETHA	Research Scholar	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Kattankulathur
Ms. SIVASANKARI N	Others	College of Engineering	Anna University, Chennai
Mr. P.N.KARTHIKAYAN	Assistant Professor	Veltech Rangarajan Dr sagunthala R and D institute of science and technology	Chennai
Dr. N.NOOR ALLEEMA	Associate Professor	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Avadi, Chennai
Dr. Deepa Nagalavi	Others	Bangalore University Bangalore	
Dr. PUJA SHASHI	Associate Professor	The Oxford College Of Engineering	003, Reliable Dwaraka Apartment, Upadyaya Layout, Nagadevanhalli Bangalore 560056
Ms. VANI HARAVE	Assistant Professor	Sir MVIT	Bomanahalli, Bengaluru.
Ms. MUKKONDA APARNA	Assistant Professor	Kommuri Pratap Reddy Institute of Technology	Bangalore
Mr. SANDEEP AGARWALLA	Assistant Professor	Malla Reddy College of Engineering and Technology	Ghanpur(v), Near power grid, Ghatkesar
Mr. GAUTAM SHIVARAJ	Assistant Professor	City college	Ramanthapur, Hyderabad
Ms. Deepa Chinthala	Others	Indian Institute of Management and Commerce	Jayanagar
Ms. DEEPIKA V	Associate Professor	Global Institute of Management Sciences	Lakdi-ka-pul
Ms. DILRAJ KAUR	Research Scholar	IIS (DEEMED TO be UNIVERSITY )	RR Nagar, Bangalore.
Dr. NARESH KUMARI Gill	Others	Government polytechnic sonipat Haryana	Mansarover, Jaipur
Dr. VINEETA ARORA	Assistant Professor	GOVT. BANGUR PG COLLEGE, PALI	22 staff colony government polytechnic sonipat Haryana
Mr. Kranthi Kumar	Others	UST	Nahar road, Pali
Dr. NIMISHA WILSON	Assistant Professor	MES COLLEGE, MARAMPALLY	UST: Digital Transformation Solutions Company
Ms. MONIKA SHARMA	Assistant Professor	Shree Kkarni universe college	PUTHIYAKUNNEL MURICKASSERY P O MURICKASSERY IDUKKI 685604
Mr. MOHAN S T	Assistant Professor	Dr. N. S. A. M first grade college	54/a, hathi babu ka bagh, Kanti nagar, banipark. Seeresandra, Byatha post, Hesaraghatta hobli, BENGALURU -89

Full Name(IN BLOCK LETTERS)	Designation	Institution	Address
VASANTHA S	Assistant Professor	Sir M Visvesvaraya Institute of Technology	Yelahanka Bangalore
CM SURENDRA REDDY	Professor	SRI DEVARAJ URS INSTITUTE OF MANAGEMENT DODDABALLAPUR KODIGEHALI	DODDABALLAPUR
Mr. SHREEDHARA N HEGDE	Others	Reaserch Student	Bengaluru
Dr. VINAY M	Associate Professor	CHRIST (Deemed to be University)	CHRIST (Deemed to be University), Department of Computer Science, Yeshwanthpur Campus, nagasandra Tumkur road, Bangalore
Dr. JAYAPRIYA J	Assistant Professor	CHRIST ( DEEMED TO BE UNIVERSITY)	YESHWANTHPUR CAMPUS, BANGALORE, KARNATAKA
Mr. TARUN SHARMA	Assistant Professor	Shree Kkarni Universe College	S-3 Kumawat Colony Jhotwara Jaipur
Ms. Sujatha	Associate Professor	Padma college of management and science	govindaraj nagar Magadi road,bangalore
Ms. A.KALAIVANI	Assistant Professor	CMR University	Ombr layout, Bangalore
Ms. Manju Sadasivan	Assistant Professor	CMR University	CMR University, SOSS, OMBR Layout,Blr43
Dr. UMADEVIR	Associate Professor	CMR University	SOSS, CMR University, Bengaluru
Dr. M T Vasumathi	Assistant Professor	CMR University	OMBR Layout Bangalore 560043
Ms. J SATHYA	Assistant Professor	CMR university	No.5, Bhuvanagiri, OMBR Layout, Bangalore- 560043
Ms. SNEHA BHARTI	Assistant Professor	Sir M Visvesvaraya Institute of Technology	International Airport Road, Bengaluru
Dr. VARUN MALIK	Associate Professor	CHITKARA UNIVERSITY	RAJPURA, PUNJAB
Dr. Dr. Geeta Rani	Assistant Professor	Chitkara University	CHITKARA UNIVERSITY,PUNJAB
Mr. AVNISH KHARE	Others	BANASTHALI VIDYAPITH	2424 Gautam Buddha Niwas Banasthali Vidyapith Thehsil Newai Distt. Tonk Pin Code 304022
Dr. NANDINI MODI	Assistant Professor	Chitkara University	Chandigarh
Mr. KAMAL KUMAR	Research Scholar	CHITKARA UNIVERSITY, PUNJAB	Chandigarh-Patiala National Highway (NH-64)Punjab- 140 401, India
Mr. RAGHAVENDRA RAO BG	Assistant Professor	Sir M Visvesvaraya Institute of technology Bangalore	Bangalore
Ms. Rajwinder Kaur	Assistant Professor	Chitkara University Punjab	Chitkara University

Full Name(IN BLOCK LETTERS)	Designation	Institution	Address
Puninder Kaur	Assistant Professor	Chitkara Unibersity	Chitkara Unibersity
Dr. SANGEETHA ANNAM	Assistant Professor	CHITKARA UNIVERSITY, PUNJAB	PUNJAB
Dr. Jayashree Nair	Professor	AIMS Institutes	Bangalore
Mr. PAVAN MITRAGOTRI	Assistant Professor	KLS GIT Belagavi	Belagavi
Mr. Praveen	Assistant Professor	JBLET	Hyderabad
Ms. SWAROOPRANI MANOOR	Assistant Professor	KLS Gogte Institute of Technology	Udyambag Belagavi
Prof. Sangeetha Rao	Assistant Professor	City Engineering college	Vaishnavi oasis, Avallahalli, Bangalore
Ms. S KAVITHA	Assistant Professor	Dr. Ambedkar Institute of Technology	Bangalore 56
Dr. SHUBHA P	Assistant Professor	Dr.Ambedkar Institute of Technology	DR. Ambedkar Institute Of Technology, Outer ring road , Mallathahalli, Bangalore 56
Ms. ARPANA T J	Assistant Professor	Vivekananda College of Engineering And Technology	VCET, Nehru Nagar, Puttur, DK - 574203
Ms. JAYASHREE B M	Assistant Professor	Dr. Ambedkar Institute of Technology	# 602, 15th Main, Manjunathnagar, Bangalore - 560010
Dr. JASWINDER SINGH	Assistant Professor	Chitkara University	Punjab
Dr. MADHU BHAN	Assistant Professor	Ramaiah Institute of Technology	MSR Nagar, Bangalore-54
Dr. AMANDEEP KAUR	Associate Professor	Chitkara University Punjab	Chitkara University ,Rajpura ,Punjab Campus
Ms. ISHAN SINGLA	Others	Chitkara University	Chitkara University, Chandigarh-Patiala National Highway (NH- 64 Village Jansla, Rajpura, Punjab 140401
Ms. PAYAL KAUSHAL	Assistant Professor	Chitkara University, Punjab	Chitkara university Rajpura, punjab
Prof. Jagadeesha B G	Associate Professor	The National College, Basavanagudi	Pampa Mahakavi Road, Basavangudi, Bengaluru-560004
Prof. S.B.SHASHIDHARA	Professor	Visveswarapura College of Science	K . R. Road, Bengaluru 04
Ms. JASMEEN KAUR CHAHAL	Assistant Professor	CHITKARA UNIVERSITY	Punjab
Ms. KAVYA T	Assistant Professor	Grv business management academy	#61 2 nd crs 3 Rd main Ashok Nagar nagsandra post Bangalore north
Dr. DIVYA KHANNA	Assistant Professor	Chitkara University	Chitkara University, Rajpura
Prof. SMITHA GV	Assistant Professor	Dayananda Sagar College of Engineering	Tyagarajanagar Bangalore-560028



Full Name(IN BLOCK LETTERS)	Designation	Institution	Address
VIBHA M B	Associate Professor	DSCE	Dept. of MCA, DSCE
Ms. CHAITHRA U C	Assistant Professor	Vidya vikas institute of engineering and technology	Mysore
Prof. ALAMMA BH	Assistant Professor	Dayananda Sagar College of Engineering	KS Layout



Photo 2: FDP Inaugural Session- Web Application Framework-ReactJS



Photo 3: FDPDay1 Session 1 Web Application Framework -ReactJS



Photo 4: FDPDay1 Session 2 Web Application Framework –AngularJS

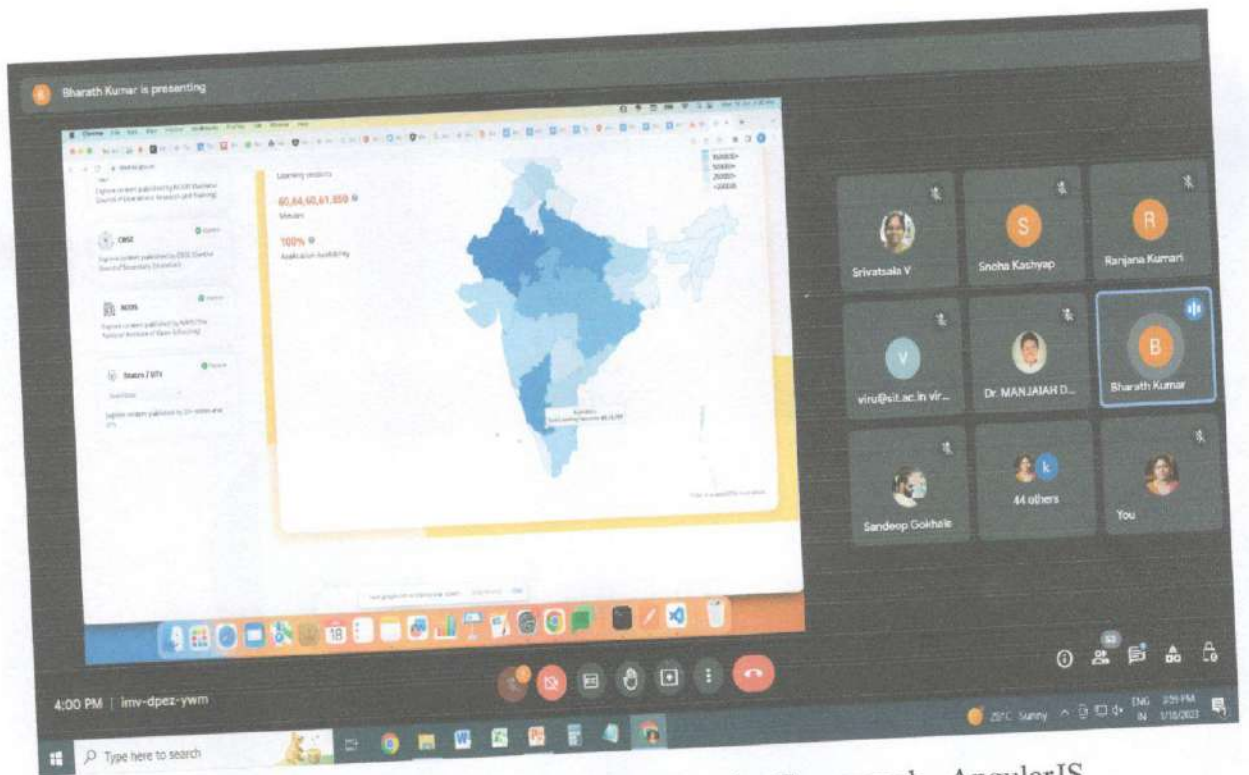


Photo 5: FDPDay1 Session 2 Web Application Framework –AngularJS

Emerging Tools & Techniques for Web Development (Day 2, Session 1): Web Mining

## Web Mining

- Web mining is application of various data mining techniques to discover patterns from the data stored on world wide web.
- It is very necessary to discover useful knowledge from the data stored on the world wide web which can be content, usage or structure data

13:18 1:39:35

YouTube

Photo 6: FDPDay2 Session 1-Web Mining

Sandeep Golbale is presenting

## Cloud Formation

- 1 Create or use an existing template
- 2 Save locally or in S3 bucket
- 3 Use AWS CloudFormation to create a stack based on your template. It constructs and configures your stack resources.

Log in to your account

Erkavata v

All others

Photo 7: FDPDay2 Session 2-Infrastructure as Code



Photo 8: FDPDay3 Session 1-Local Development Environment



Photo 9: FDPDay3 Session 1-Local Development Environment

# BHARATH RAVI

## IT Professional

Scaling heights of success by leaving marks of excellence; targeting senior level assignments in the **Software Development** with an organization of high repute for mutual growth, preferably in **Bengaluru**

✉ bharath.dsi05@gmail.com

☎ +91-8123445684



### PROFILE SUMMARY

- ❖ A result-oriented and performance-driven professional with an experience of **over 4 years** in the **IT** industry; hands-on experience in **Software, Web Application, and Front-End Development**
- ❖ Expertise in developing and architecting lifecycle of projects **working on different technologies** and platforms; proficiency in designing, developing and **implementing applications** that support day-to-day operations
- ❖ Resourceful in implementing liable **web design principles** to ensure that the company website renders well across multiple devices; proficient in ensuring the **technical feasibility of UI/UX designs**
- ❖ Effective in **scheming and developing** logical and physical data models that meet application requirements; defining the **Front-end framework to solve complex designs**
- ❖ Possess strong **technical knowledge** in **Programming languages** (Angular 7+, Aurelia Js), **Web Technologies** (JavaScript, Typescript, HTML, Bootstrap, CSS, SCSS) and **other technologies** (Git, Bit Bucket, Jira, Agile Model, Confluence Wiki, Figma (UI Designing))
- ❖ Rich working experience in **various Angular Projects** including (ANDWEMET, Animal Health Analysis, POC Billing System, Admin Panel for Chili Pili Story, Liberty Insurance, Digit Insurance Customer Portal) & **Aurelia Projects** (Terrain Insights)
- ❖ **Successfully delivered 2 releases** with new features; rich experience in developing <http://www.portal.hogs.ai/#/dashboard>, <https://www.andwemet.com> and <https://www.godigit.com/>
- ❖ An **out-of-the-box-thinker** with strong interpersonal, organizational, management and relationship building skills; possess the **capability to convert the visuals into reality**

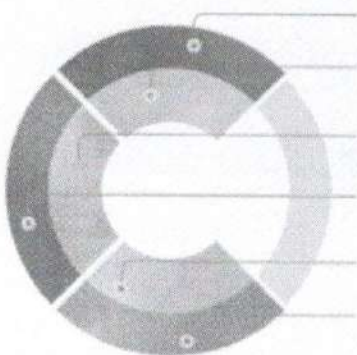


### CORE COMPETENCIES

- ▶ Software & Web Development
- ▶ Front-End Designing
- ▶ Angular Development
- ▶ Responsive Web Design
- ▶ Project Execution & Management
- ▶ Joint Application Development



### SOFT SKILLS



- Multi-Tasker
- Problem-Solver
- Communicator
- Analytical
- Planner
- Critical Thinker



### EDUCATION



**2017:** MCA from Dayananda Sagar College, Bengaluru



**2014:** BCA from Vijaya Degree College, Bengaluru



**2011:** 12<sup>th</sup> from Ujval Comp P.U. College, Whitefield



**2009:** 10<sup>th</sup> from Sterling English High School, Budigere



### CAREER TIMELINE

Intern at 3I Cube Tech, Bengaluru

Jan'17- Jun'17

Front-End Developer at Shri Gowri Solutions, Bengaluru

Jan'18- Dec'18

Front-End Developer at Cloud Collab, Bengaluru

Apr'19- Dec'20

Senior Software Engineer at Digit Insurance, Bengaluru

Since Jan'21

## IT SKILLS

- ❖ **Programming Languages:** Angular 7+, Aurelia JS
- ❖ **Web Technologies:** JavaScript, Typescript, HTML, Bootstrap, CSS, SCSS
- ❖ **Other Technologies:** Git, Bit Bucket, Jira, Agile Model, Confluence Wiki, Figma (UI Designing)

## WORK EXPERIENCE

Since Jan'21, Digit Insurance, Bengaluru

Designation: Senior Software Engineer

### Key Result Areas:

- ❖ Developing software solutions by analyzing information needs; studying systems flow, data usage and workflow processes; investigating problem areas and following the software development lifecycle
- ❖ Determining operational feasibility by evaluating analysis, problem definition, requirements, solution development and proposing solutions; developing single page application using Angular 2+
- ❖ Accomplishing engineering and organization mission by completing related results as needed; understanding business needs and creating the tools to manage the same
- ❖ Devising features to enhance the user experience as well as striking a balance between functional and aesthetic designs; protecting operations by keeping information confidential
- ❖ Creating high-quality and efficient software design; ensuring that software is always up-to-date with latest technologies; developing applications and tools by clean and efficient coding

digit

## PREVIOUS EXPERIENCE

Apr'19-Dec'20, Cloud Collab, Bengaluru

Designation: Front-End Developer

Jan'18-Dec'18, Shri Gowri Solutions, Bengaluru

Designation: Front-End-Developer

CLOUD COLLAB

SG

## INTERNSHIP

Jan'17-Jun'17, 3I Cube Tech, Bengaluru

Designation: Intern

## PERSONAL DETAILS

Date of Birth: 3<sup>rd</sup> April 1993

Languages Known: English & Kannada

Address: #436, MCG Street, Budigere, Devanahalli (tq), Bengaluru-562129

Please refer to Annexure for Project Details:

## MAJOR PROJECTS

### Angular Projects:

- ❖ **Title:** ANDWEMET (HTML, CSS, Bootstrap, Angular)  
**Description:** The project is an online Match Making website where people are above 30 years. The project consists of two portals, one for admin and other one for user.
- ❖ **Title:** Animal Health Analysis (HTML, CSS, Angular)  
**Description:** This project is based on IOT devices where IOT devices are used in pig farming and sending the data of pig body temperature, heartbeat count, and healthy/unhealthy of the pig and vaccination for the pig.
- ❖ **Title:** POS Billing System (HTML, CSS, Material UI, Angular)  
**Description:** This application is used for pharmacy e-billing and finding alternate drug and checking stocks.
- ❖ **Title:** Admin Panel for Chili Pili Story (HTML, CSS, Angular)  
**Description:** This project is used for Chili Pili Android Application as an admin portal to upload a Kannada based story for the kids.
- ❖ **Title:** Liberty Insurance (Portugal) (HTML, SCSS, Angular)  
**Description:** This project is used by the customer to purchase the car-insurance without the help of any agent.
- ❖ **Title:** Digit Insurance Customer Portal (HTML, CSS, Angular, AEM)  
**Description:** This project is used by the customer to purchase the insurance without the help of any agent.

### Aurelia Project:

- ❖ **Title:** Terrain Insights (HTML, SCSS, AureliaJS)  
**Description:** Engaged in building Terrain Insights product for Walmart which brought automation, analytics, and visualization to deliver an always-current view of critical business services, the underlying IT assets required to deliver the same and their interrelationships



Dr. Priyanka Verma is an experienced professor with 12 years of expertise in teaching, guiding and motivating students. Proven ability to manage multiple projects while meeting challenging deadlines. Passionate about making students improve their academic performance by focusing on overall comprehension with specialized sessions in a variety of areas. Ability to coordinate, plan, and manage various assignments given by management. Good communication and writing skills. Research experience having publications in journals of repute including Inderscience, IEEE, Springer, Elsevier and Taylor and Francis. Member of Editorial board of various journals.

She has completed her doctorate degree in field of Computer science and IT on topic "DESIGN AND IMPLEMENTATION OF A NOVEL PREPROCESSING ALGORITHM TO IDENTIFY SESSIONS FOR DISCOVERY OF PATTERNS" from IIS (Deemed to be University) which is one of leading girls University in Jaipur in 2018.

In her research, she focused on developing a common algorithm for performing preprocessing in web mining. Algorithm was named as FEDUS which covers Field Extraction, User and Session identification stages of preprocessing. Her doctoral work "FEDUS: A comprehensive algorithm for Web Usage Mining" was published in Journal of Information and Optimization Sciences, Taylor and Francis. Till date there was no combined algorithm for the preprocessing stage of web mining so her research focused on developing this combined algorithm addressing limitations of existing algorithms.

**Dr.Sree Rekha ,Engineering Leader at Amazon, Redmond,  
Washington, United States**

Dynamic, energetic and seasoned software development manager with a proven track record to execute and deliver products on time with high quality. People oriented leader with a strong belief that inspiration and motivation in people drives better products. 13+ years of experience in architecting and building scalable, distributed and performant systems. Extensive experience in planning, designing, developing and implementing web/cloud based solutions for wide range of business applications across diversified domains. Adaptive to changes in technological needs and provide effective solutions that are high in quality standards. Team oriented and able to work with customers in planning enterprise solutions. Implement best practices, working with diverse teams and collaborative software planning.

**Specialties:**

Large scale enterprise product development

Micro Service Architecture

Leadership / Team Building / Collaboration

Customer interaction

Driving and Fostering Innovative environment

Process, cultural and people development

Technologies: Java, Python, Hibernate, Microservice Architecture, Docker, Kubernetes, Spinnaker, Rabbit MQ, Mongo DB, Oracle,RESTFUL Webservices,SQL Server, MySQL, NoSQL, Hadoop, Spring, Hibernate, HTML, DHTML, HTML5, Database design, ORM, Agile scrum, XML, Pentaho Datawarehousing, Jasper reports, Jibx, Liferay Portal,AWS cloud.

**Photographs:**



**DAYANANDA SAGAR COLLEGE  
OF ARTS, SCIENCE AND COMMERCE**

Affiliated to Bangalore University, Recognized by Government of Karnataka and  
Approved by AICTE and Accredited by NAAC

**Department Of  
Computer Applications**  
Presents

**Emerging Tools &  
Techniques For  
Web Development**

**Three Days National Level  
Faculty Development Program  
(Virtual)**

**18-20 JANUARY 2023**



**Mr. Sandeep M Gokhale**  
CEO,  
Techvito LLP,  
Bangalore



**Mr. Bharath Ravi**  
Senior Software Developer,  
Digit Insurance,  
Bangalore

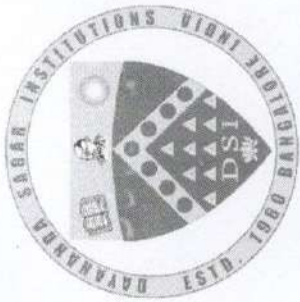


**Dr. Priyanka Verma,**  
Sr. Assistant Professor,  
IIS Deemed to be University,  
Jaipur



**Dr. Sree Rekha,**  
Engineering Leader at Amazon,  
Redmond, Washington,  
United States

Photo 1: FDP Brochure



# Dayananda Sagar College of Arts, Science and Commerce

Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore - 560111

## Certificate of Participation

This is to certify

**DR. VINAY M**

of

*CHRIST (DEEMED TO BE UNIVERSITY)*

has attended the 3 Days Faculty Development Program "Emerging Tools & Techniques for Web Development", organized by Department of MCA from 18<sup>th</sup> to 20<sup>th</sup> January 2023

**Prof. Suneetha V**  
HoD, MCA Department

**Dr. Nagaraj Shenoy**  
Principal

## **Mr.Sandeep M Gokhale, CEO, Techvito LLP, Bangalore**

Sandeep has 15+ years of experience in building and leading engineering teams to create customer Centric, Quality and Cost focused platforms/services. He Follows and strongly recommend People Oriented Lean Processes.

He is an Entrepreneur running a startup and also runs an EdTech Not for Profit Program where he teaches React and Javascript to students across the globe.

He also runs a Registered NGO, Samarpane which caters to education of kids in rural parts of Karnataka.

His hobbies include Teaching, Photography, Blogging, Formula 1, Fish Keeping

Sandeep has taught 1000+ students, PhD holders, faculty and peers across the globe both Online and Offline.

He loves when his students ask questions

**DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE**  
ShavigeMallechwara Hills, Kumarswamy Layout, Bangalore-560082

**Internal Quality Assurance Cell (IQAC)**

**Centre of Excellence -Web Technologies**

**National Level Faculty Development Program  
On  
Emerging Tools and Techniques for Web Development**

**Department: MCA**

**Date: 18-20 January 2023**

The Center of Excellence in Web Technologies, Department of Computer Applications – MCA have organized a Virtual 3-days National Level Faculty Development Program in the area of Web Development, “Emerging Tools and Techniques For Web Development” during 18-20 January 2023. The FDP program helped the participants to get extensive knowledge and hands on training in latest trends in Web Development from an industry perspective. The resource persons for the FDP were Mr. Sandeep M Gokhale, CEO, Techvito LLP, Mr. Bharath Ravi, Senior Software Developer, Digit Insurance, Bangalore, Dr. Sree Rekha, Engineering Leader at Amazon, Redmond, Washington, USA and Dr. Priyanka Verma, Sr. Assistant Professor, IIS Deemed to be University, Jaipur. The FDP was conducted in five sessions and covered the topics: Web Application Framework – ReactJS, Web Application Framework – AngularJS, Web Mining, Infrastructure as Code and Local Development Environment.