



**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT &
GRAMOTHAN, JAIPUR**

RTU(ATU) TEQIP-III SPONSORED

STUDENT WORKSHOP

ON

EMERGING WEB DEVELOPMENT TRENDS

AUG 22-31, 2020

ORGANIZED BY

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

&

DEPARTMENT OF CSE & I.T.

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN, JAIPUR

www.skit.ac.in

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INTRODUCTION

TEQIP-III

The project, third phase of Technical Education Quality Improvement Program (referred to as TEQIP-III) is fully integrated with the twelfth five-year plan objectives for Technical Education as a key component for a improving the quality of engineering education in existing institutions with a special consideration for low income states and special category state and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

RAJASTHAN TECHNICAL UNIVERSITY

Rajasthan Technical University (RTU) is located at Kota in the state of Rajasthan. It was established in 2006 by the Government of Rajasthan. The university currently affiliated about 129 engineering colleges, 04 B. Arch, 41 MCA Colleges, 95 MBA Colleges, 44 M. Tech. Colleges and 03 Hotel Management and Catering Institute. The University aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.

SKIT

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) has been ranked no.1 engineering institute in Rajasthan by RTU, Kota consecutively for the last three years. SKIT is a selective comprehensive institution offering undergraduate and postgraduate programmes in Engineering and Management. The institute was established in the year 2000 by a team of committed professionals and academicians. During all the past years SKIT has emerged as a premier centre of technical education not only in Rajasthan but also in northern India which has been realized through efficient and dedicated faculty members, innovative teaching learning methods, state of the art infrastructures and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accreditation (NBA).


DEPARTMENT OF CSE & I.T.

The Department is dedicated towards providing its students with a motivating environment and facilitating their academic requirements with committed and expert supervision of faculty and experts from various fields from time to time. The department offers B.Tech (CS) & B.Tech (IT), M.Tech. (CS) and PhD. (CS). The B.Tech degree programme has been accredited by NBA in both CSE and IT. The department Computer Science & Engineering is a recognized Research Centre of Rajasthan Technical University. Organises Spoken Tutorial and NPTEL Certification by IIT Bombay and has Virtual Lab setup by IIT Madras.



TEQIP-III RTU (ATU) Sponsored Student Workshop

SANCTION LETTER

 **RAJASTHAN TECHNICAL UNIVERSITY**
Rawatbhata Road, Akelgarh, Kota-324 010
TEQIP III-RTU(ATU) OFFICE
Phone: 0744-2473060 Fax: 2473002 Email: rtuteqip@rtu.ac.in

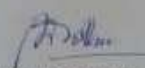
No. RTU/TEQIP-III/F(56)/2020-21/ 4885-90 DATE:- 31/07/2020

OFFICE ORDER

Hon'ble Vice-Chancellor is pleased to approve the following Student Workshop to be conducted in online mode at the affiliated colleges under subhead 1.2.2.7, Mentoring and Twinning System, of RTU (ATU) TEQIP-III Action plan as per the mentioned schedule.

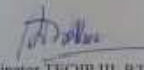
Sr. No.	Name of the Institute	Title of the Workshop	No. of Days	JNTU Coordinator
1	Jaipur Institute of Technology Group of Institutions, Jaipur	Artificial intelligence	5	Prof. Padmaja Rani
2	Shrinathji Institute of Technology & Engineering Nathdwara	Internet of Things	1	Prof. Padmaja Rani
3	Swami Keshvanand Institute of Technology	Emerging Web Development Trends	10	Prof. Padmaja Rani
4	Swami Keshvanand Institute of Technology	Data Analytics	3	Dr. K.P. Supreethi, Prof. CSE JNTUH
5	Swami Keshvanand Institute of technology	VLSI Design & Embedded Systems	5	Dr. A. Rajani, Associate Professor, JNTU
6	Vivekanand Institute of Technology, Jaipur	Workshop On Application Of Python For Machine Learning	5	Dr. K.P. Supreethi
7	Vivekanand Institute of Technology, Jaipur	Workshop on Block Chain and its Applications	3	Dr. K.P. Supreethi
8	Shrinathji Institute of Technology & Engineering Nathdwara	Information Security and Cryptography	7	Prof. Padmaja Rani
9	Compucom Institute of Technology & Management, Jaipur.	Cloud Computing and its Applications	7	Prof. Padmaja Rani
10	Arya College of Engineering and Information Technology, Jaipur	Cyber Security and Forensics	5	Prof. Padmaja Rani
11	Global Institute of Technology, Jaipur.	Next Generation Networks	5	Prof. Padmaja Rani
12	Poomitra Institute of Technology, Jaipur.	Software Testing: A practical Approach	5	Prof. Padmaja Rani
13	Rajasthan Institute of Engineering & Technology, Jaipur	Advances in Data Structures and Algorithms	5	Prof. Padmaja Rani

Dr. Harish Sharma is appointed as RTU event coordinator. He will decide the date of the workshop with approval of RTU TEQIP-III Coordinator. Further, maximum 03 experts/day are permitted for the above workshops. The RTU event coordinator has to conduct the workshop as per TEQIP-III norms.


Coordinator TEQIP III, RTU (ATU)

Copy to:-

1. P.S. to Hon'ble Vice Chancellor
2. Registrar
3. Comptroller
4. Event Coordinator's
5. Principal of affiliated engineering colleges through official Email.
6. Guard File


Coordinator TEQIP III, RTU (ATU)



Ten Day TEQIP-III RTU (ATU) Sponsored Student Workshop



On

Emerging Web Development Trends

22nd August - 31st August, 2020

OBJECTIVE OF WORKSHOP

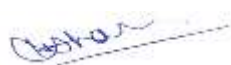
Since the commercialization of the web, web development has been a growing industry. This workshop aims to provide hands-on experience to the students in the field of emerging Web development tools and technologies that are currently being used in industries. An ever-growing set of tools and technologies will help students to build more dynamic and interactive websites. This workshop is designed to start on a path toward future studies in web development and design.

PROGRAMME SCHEDULE

Day 1 (22.08.2020)	Opening Ceremony	3:30-4:00PM	Chief Guest: Ms. Ranjana Thanvi, Founder & Director Memorres Digital Pvt Ltd		
	Session	Time	Topic to be covered	Name of Expert	Post & Affiliation of expert
	Session 1	4.00 PM – 5.15 PM	Current Trends in Web Development	Mr. Sachin Gaur	CEO, MixORG Consulting Services Pvt Ltd.
	Session 2	5.15 PM – 6.30 PM	PHP Environment Setup and Basics	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
Session 3	6.30 PM – 7.30 PM	Web Application vs Website	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.	
Day 2 (23.08.2020)	Session 1	4.00 PM-5.15 PM	Conditional Loops and Array	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	Typescript, Intro to Angular	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	Material design and its Concept	Mr. Sameer Sharma	Creative Head, Teligenz Tech Solutions Pvt. Ltd.

Day 3 (24.08.2020)	Session 1	4.00 PM-5.15 PM	Strings, Date & Time	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	Angular Basics	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	UX and Typography	Mr. Sameer Sharma	Creative Head, Teligenz Tech Solutions Pvt. Ltd.
Day 4 (25.08.2020)	Session 1	4.00 PM-5.15 PM	Web Concepts	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	Angular Pages and Routing	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	Responsive Website Design	Mr. Sameer Sharma	Creative Head, Teligenz Tech Solutions Pvt. Ltd.
Day 5 (26.08.2020)	Session 1	4.00 PM-5.15 PM	Cookies, Sessions, Sending Emails, File Uploading	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	Create app in Angular	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	Bootstrap Part I	Mr. Sameer	Creative Head, Teligenz Tech Solutions Pvt. Ltd.
Day 6 (27.08.2020)	Session 1	4.00 PM-5.15 PM	Advanced PHP	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	ES6	Mr. Arihant Kumar Banthia	Senior Software Engineer, Pure Software Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	Responsive Apps & a new way to develop Mobile app	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.
Day 7 (28.08.2020)	Session 1	4.00 PM-5.15 PM	PHP & AJAX, Error Handling	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	Microservice Architecture	Mr. Bhanu Chhabra	Associate Technical Lead, Nagarro software Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	NodeJS, Server Using NodeJS	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.

Day 8 (29.08.2020)	Session 1	4.00 PM- 5.15 PM	E-commerce website	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	Modern UI Technologies & Concepts	Mr. Saurabh Tiwari	Associate Staff Engineer, Nagarro software Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	NodeJS Framework	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.
Day 9 (30.08.2020)	Session 1	4.00 PM- 5.15 PM	Payment Gateway, Notification Manager (FCM)	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	Angular based Libraries	Mr. Saurabh Tiwari	Associate Staff Engineer, Nagarro software Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	Design a server for restful APIs	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.
Day 10 (31.08.2020)	Session 1	4.00 PM- 5.15 PM	Deploy a PHP website	Mr. Rakesh Sharma	System Architect & Freelance Consultant, Gravity Studios
	Session 2	5.15 PM – 6.30 PM	Deploy a Angular and Node	Mr. Lovi Gupta	Principal Software Engineer, Teligenz Tech Solutions Pvt. Ltd.
	Session 3	6.30 PM – 7.30 PM	Bootstrap Part II	Mr. Sameer Sharma	Creative Head, Teligenz Tech Solutions Pvt. Ltd.



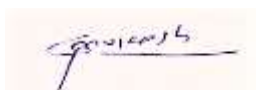
Dr. Harish Sharma

RTU Event Coordinator



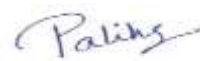
Prof. Ramesh Kumar Pachar

Principal, SKIT Jaipur



Dr. Mukesh Kumar Gupta

Coordinator, SKIT Jaipur



Ms. Palika Jajoo

Event Coordinator, SKIT Jaipur



TEN DAY TEQIP-III SPONSORED STUDENT WORKSHOP

“EMERGING WEB DEVELOPMENT TRENDS”

22 AUGUST-31 AUGUST,2020

INVITATION

Dear Student

Greetings of the Day!

We are pleased to inform you that Department of Computer Science and Information Technology of Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur under the aegis of Rajasthan Technical University, Kota and JNTU Hyderabad (Mentor ATU) are going to organize RTU(ATU) TEQIP-III sponsored online student workshop on “Emerging Web Development Trends” from 22-Aug-2020 to 31-Aug-2020.

Registration Details: Participants can register online through the given link:

<https://tinyurl.com/y4mac3I8>

Last date of Registration:21-Aug-2020

There is no Registration fee.

E-certificate will be provided to those participants who will attend all sessions and submit feedback on daily basis.

Note: After submitting the registration form you can find the WhatsApp group(EWDT Workshop-2020).It is advised to join this WhatsApp Group after registration to get regular important information on workshop.

For more detailed information please download the workshop brochure through the link:

<https://tinyurl.com/y69xbces>

With Regards

RTU Event Coordinator:

Dr. Harish Sharma
Associate Professor,CSE
RTU,Kota

Host Institute Coordinator

Dr.Mukesh Kumar Gupta
Prof. & HOD,CSE
SKIT, Jaipur

Event Coordinators

Ms.Palika Jajoo
9414499507

Mr.Ashish Pant
8279489568

Mr.Kanak Giri
9413402383

Ms.Rashmi Dadhich
9413750682

BROCHURE

WORKSHOP COMMITTEE

Chief Patron

Prof. R. A. Gupta
Hon'ble Vice-Chancellor, RTU

Patron:

Shri Raja Ram Meel, Patron, SKIT
Shri Surja Ram Meel, Chairman, SKIT

Advisor:

Shri Jaipal Meel, Director, SKIT
Prof. (Dr.) S. L. Surana, Director (Academics), SKIT
Mrs. Rachna Meel, Registrar, SKIT
Prof. (Dr.) Ramesh Kumar Pachar, Principal, SKIT
Prof. (Dr.) Anil Chaudhary, HOD (IT), SKIT

RTU (ATU) TEQIP-III Coordinator:

Prof. (Dr.) Dharendra Mathur

JNTU Hyderabad (Mentor ATU) Coordinator:

Prof. (Dr.) B Padmaja Rani

RTU Event Coordinator:

Dr. Harish Sharma (Nodal Officer)

Host Institute Coordinator:

Prof. (Dr.) Mukesh Gupta, HOD (CSE), SKIT

Host Institute Event Coordinators:

Ms. Palika Jajoo, Assistant Professor
Mr. Ashish Pant, Assistant Professor
Mr. Kanak Giri, Assistant Professor
Ms. Rashmi Dadhich, Assistant Professor

RTU (ATU) TEQIP-III Committee:

Prof. D. K. Sambariya (Nodal Officer Procurement)
Dr. S. D. Purohit (Nodal Officer Finance)
Dr. Irum Alvi (Conference)
Mr. Santosh Sharma (Expert Lecture)
Mr. Anshul Bansal (GATE & Induction)
Mr. Dinesh Kumar (Workshop)

Organizing Committee:

Department of CSE & IT, SKIT, Jaipur

REGISTRATION

To join this workshop, you are requested to register your name by clicking the following registration link or scanning the QR Code:

<https://tinyurl.com/y4mac3l8>



Note:

- ✓ The workshop will be conducted through online platform.
- ✓ The registration for the workshop is on first cum first service basis.
- ✓ After fill the registration form, please join the Whatsapp group to receive workshop related information.
- ✓ E-Certificate will be provided to those students who will attend all the sessions and submit assignments including feedback of workshop.

CONTACT US

Mr. Ashish Pant

Assistant Professor, Department of CSE

Mobile: 8279489568

Email: ashish.pant@skit.ac.in

Ms. Palika Jajoo

Assistant Professor, Department of CSE

Mobile: 9414499507

Email: palika@skit.ac.in



RTU (ATU) TEQIP-III



Sponsored

Student Workshop

On

"Emerging Web Development Trends"

22nd August - 31st August, 2020



Organized by

Rajasthan Technical University, Kota



JNTU, Hyderabad (Mentor ATU)

&



Host Institute

Department of CSE and IT

Swami Keshvanand Institute of Technology,

Management & Gramothan, Ramnagar,

Jagatpura, Jaipur - 302017

Web: www.skit.ac.in

ABOUT TEQIP-III

The project, third phase of Technical Education Quality Improvement Program (referred to as TEQIP-III) is fully integrated with the twelfth five-year plan objectives for Technical Education as a key component for a improving the quality of engineering education in existing institutions with a special consideration for low income states and special category state and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

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teaching learning methods, state of the art infrastructures and core value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accrediation (NBA).

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The Department is dedicated towards providing its students with a motivating environment and facilitating their academic requirements with committed and expert supervision of faculty and experts from various fields from time to time. The department offers B.Tech (CS) & B.Tech (IT), M.Tech (CS) and PhD. (CS). The B.Tech degree programme has been accredited by NBA in both CSE and IT. The department Computer Science & Engineering is a recognized Research Centre of Rajasthan Technical University. Organises Spoken Tutorial and NPTEL Certification by IIT Bombay and has Virtual Lab setup by IIT Madras.

ABOUT THE WORKSHOP

Since the commercialization of the web, web development has been a growing industry. This workshop aims to provide hands-on experience to the students in the field of emerging Web development tools and technologies that are currently being used in industries. An ever-growing set of tools and technologies will help students to build more dynamic and interactive websites. This workshop is designed to start on a path toward future studies in web development and design.

ELIGIBILITY CRITERIA

The workshop is interdisciplinary and it is open for all the students of RTU and BTU affiliated Institutes.

WORKSHOP SCHEDULE AND CONTENT

Timings →	4:00- 5:15 pm	5:15- 6:30 pm	6:30- 7:30 pm
Dates ↓			
22-Aug	Current Trends in Web Development	PHP Environment Setup and Basics	Web Application vs Website
23-Aug	Conditional Loops and Array	Typecrypt, Intro to Angular	Material design and its Concept
24-Aug	Strings, Date & Time	Angular Basics	UX and Typography
25-Aug	Web Concepts	Angular Pages and Routing	Responsive Website Design
26-Aug	Cookies, Sessions, Emails, File	Create app in Angular	Bootstrap Part I
27-Aug	Advanced PHP	ES6	Develop of Mobile app
28-Aug	PHP & AJAX, Error Handling	Microservice Architecture	NodeJS, Server Using NodeJS
29-Aug	E-commerce website	Modern UI Technologies & Concepts	NodeJS Framework
30-Aug	Payment Gateway, Notification Manager (FCM)	Angular based Libraries	Design a server for restful APIs
31-Aug	Deploy a PHP website	Deploy a Angular and Node	Bootstrap Part II

RESOURCE PERSON

The various sessions of workshop will be taken by experts from software industries.

REGISTRATION FEE

There is no Registration fee.

INTRODUCTION OF EXPERTS

In this ten day workshop we have various technocrats, senior experts from IT Industries and trainers who equipped with knowledge in the field of emerging Web development tools and technologies that are currently being used in Industries.



Mr. Sachin Gaur, researcher and entrepreneur in the space of mobile and Internet Solutions. He is the director operations at InnovatioCurris, focusing on Innovations in Healthcare and CEO , MixORG Consulting Services. He has been recognized as top 10 innovators in India under FICCI's India Innovates growth program 2013 and has been featured in a documentary to to build a mobile application for Rural India, which was aired globally. He will be enlightening all about the knowledge of Current Trends and Technologies.

Mr. Rakesh Sharma , having more than 20 years of experience in IT. He has served at various roles in top IT companies and provided consultancy works to famous IT companies which include Amazon, TCS, Infosys, Dotsquares etc to name a few, and he is currently working as a consultant and senior system Architect at Gravity Studios. He will share his knowledge about Web Concepts, PHP , Advanced PHP environment and AJAX.



Mr. Sameer Sharma, Creative Head, Teligenz tech Solutions Pvt. Ltd. He is a Senior UI/UX designer of web and mobile applications with a strong background in leading edge online media websites and Mobile applications (Android and iOS). He will through some light on Material Design, UX, typography and Bootstrap Technology.

Mr. Lovi Gupta, Principal Software engineer, Teligenz Tech Solutions Private Limited. He is an experienced Android Developer with a demonstrated history of working in the computer software industry. Skilled in various trending technologies and will enlighten with knowledge of Angular Basics and Node JS framework.



Mr. Arihant Kumar Banthia, Senior Software Engineer, Puresoft Pvt. Ltd. He is a Front end developer having experience in various trending technologies having a vast experience in creating projects based on Angular1 and Angular2. He will enlighten about ES6 (an advanced form of JavaScript).

Mr. Bhanu Chhabra, Associate Technical Lead, Nagarro Software private limited .He is well versed with Microsoft and .NET technologies and worked on vast projects using these technologies and microservice architecture. He will share his knowledge about Microservice Architecture.



Mr. Saurabh Tiwari, Associate Lead Technology, Nagarro software private limited. He has rich skills of a full stack Web enterprise development and has worked with cutting edge platforms. He will get equipped with a knowledge of Modern UI and Angular Based Technologies.



TEN DAY TEQIP-III SPONSORED STUDENT WORKSHOP

ON

“EMERGING WEB DEVELOPMENT TRENDS”

22 AUGUST-31 AUGUST,2020

OPENING CEREMONY

(August 22nd, 2020 at 3:30 PM Onwards)

MINUTE TO MINUTE PROGRAMME

EVENT DESCRIPTION	DURATION
<i>Introduction to Event by Ms.Palika Jajoo, Event Coordinator,SKIT</i>	2 minute
<i>Welcome Address by Shri Jaipal Meel,Director SKIT</i>	5 minute
<i>Introduction and Execution plan of Workshop by Ms. Rashmi Dadhich, Event Coordinator,SKIT</i>	5 minute
<i>Motivational Speech by Prof. Ramesh Kumar Pachar, Principal,SKIT</i>	5 minute
<i>Words of Wisdom by Ms. Ranjana Thanvi,Chief Guest CEO & Founder of Memmores Digital Pvt. Ltd.</i>	10 minute
<i>Vote of Thanks by Prof. Mukesh Kumar Gupta, Coordinator, SKIT</i>	2 minute
<i>Group Photo</i>	1 minute

POSTER



RTU (ATU) TEQIP-III Sponsored Student Workshop
"Emerging Web Development Trends"
August 22nd - 31st, 2020



Department of CSE & IT

Guest



Ms. Ranjana Thanvi
Founder and CEO
Memorres Digital Pvt. Ltd.

Experts



Mr. Sachin Gaur, CEO
MixORG Consulting Services Pvt. Ltd.



Mr. Arijant Kumar Banthia
Senior Software Engineer
Pure Software Pvt. Ltd.



Mr. Lovi Gupta
Principal Software Engineer
Teligenz Tech Solutions Pvt. Ltd.



Mr. Saurabh Tiwari
Associate Staff Engineer
Nagarro Software Pvt. Ltd.

RTU Event Coordinator

Dr. Harish Sharma

Host Institute Event Coordinators

Dr. Mukesh Kumar Gupta
Ms. Pailika Jajoo
Ms. Rashmi Dadhich
Mr. Ashish Pant
Mr. Kanak Gin



Mr. Sameer Sharma
Creative Head
Teligenz Tech. Solutions Pvt. Ltd.



Mr. Bhanu Chhabra
Associate Technical Lead
Nagarro Software Pvt. Ltd.



Mr. Rakesh Sharma
System Architect & Freelance Consultant
Gravity Studios



TEN DAY TEQIP-III SPONSORED STUDENT WORKSHOP

“EMERGING WEB DEVELOPMENT TRENDS”

22 AUGUST-31 AUGUST,2020

DAY TO DAY EVENT REPORT

Department of Computer Science & Engineering and Information Technology of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur has organized ten day Student workshop on “**EMERGING WEB DEVELOPMENT TRENDS**” from 22 August- 31 August, 2020 in collaboration with Rajasthan Technical University, Kota and JNTU, Hyderabad under the aegis of RTU(ATU) TEQIP-III on online Webex platform.

The ten day workshop comprised of three informative sessions on each day with theoretical as well as practical knowledge delivered by the Technocrats from various Software industries. Number of students from various institutes and universities all over the country have participated in this workshop.

Day 1 - 22nd August,2020, Saturday(3:30-7:30 pm)

The event started with **Opening Ceremony** at 3:30-4:00 pm by Chief guest Ms. Ranjana Thanvi (CEO & Founder, Memmores Digital Pvt. Ltd.), Shri Jaipal Meel (Director, SKIT) , Prof. Ramesh Kumar Pachar(Principal, SKIT), Prof. Anil Chaudhary (Head of Department, Information Technology), Prof. Mukesh Kumar Gupta(Head of Department, Computer Science & Engineering), Experts and participants who all graced the event.

Shri. Jaipal Meel welcomed the guests and participants of workshop and appreciated the new mode of conduction of workshop and to opened the great opportunities for students to learn in domain of web development.

Prof. Ramesh Kumar Pachar, highlighted the importance of web development technologies in current scenario and motivate students for their active participation and to get benefitted from eminent experts.

Ms. Rashmi Dadhich, Event Coordinator gave introduction about the workshop and execution plan of workshop during these 10 days.

Ms. Ranjana Thanvi addressed the participants about the recent developments and upgradation in area of Web Development. She focused that sthandard developments in web development sometimes changes faster than they can be implemented. To stay one step ahead, it is important to focus on trends, techniques and approaches that are gaining popularity. She highlighted some of top trends one need to be aware of while growing a web business like Voice Search, Web Assembly, content

personalization and so on.... To increase the engagement and provide better user interface to web app's users, try to upgrade with latest technique.

Prof. Mukesh Kumar Gupta, Coordinator delivered the vote of thanks to all dignitaries, guests, speakers and participants to participate in the opening session and becoming a part of this Workshop.

Technical Sessions (4:00 pm-7:30 pm)

Session I was conducted by **Mr. Sachin Gaur** on topic "CURRENT WEB DEVELOPMENT TRENDS". He addressed to the participants that how important is web development to build a successful online presence for any business. He briefly described about the technologies that are trending for web development like Angular JS, React, PHP, Bootstrap etc. He added by the latest technologies one can please users with a world-class experience, improve web ranking and open new markets for service.

Session II was conducted by **Mr. Rakesh Sharma** on "PHP Environment Setup and Basics". He explained about PHP, its uses and its basics and shown practically to participants about the complete of installation of PHP in systems so that they can learn by doing practical implementation.

Session III was conducted by **Mr. Lovi Gupta** on topic "Web Application vs WebSite". He highlighted about what are Web Application and Website and what are the needs of these. He also give explain about HTML with practical implementation.

Day 2 - 23rd August, 2020, Sunday(4:00-7:30 pm)

Session I was conducted by **Mr. Rakesh Sharma** in which he explained the loops and Arrays in PHP with practical demonstration.

Session II was conducted by **Mr. Lovi Gupta** in which he explained about Typescript and gives knowledge about the Angular.

Session III was conducted by **Mr. Sameer Sharma**, addressed the participants about Material Design and its Concepts.

Day 3 - 24th August, 2020, Monday (4:00-7:30 pm)

Session I was conducted by **Mr. Rakesh Sharma** in which he explained how Strings is attractive feature in PHP compare to other programming languages and implementation of date and time in PHP.

Session II was conducted by **Mr. Lovi Gupta** in which he explained about Typescript and gives knowledge about the Angular. Angular is a platform and framework for building single-page client applications using HTML and TypeScript. Angular is written in TypeScript. It implements core and optional functionality as a set of TypeScript libraries that you import into your apps.

Session III was conducted by **Mr. Sameer Sharma** in which he delivered that Typography plays an important role in User Interface, and improving your typographic design is an important step in

improving both UI and UX. He demonstrated many of techniques and sources/tools can be use in Typography.

Day 4 - 25th August, 2020, Tuesday (4:00-7:30 pm)

Session I was conducted by **Mr.Rakesh Sharma**, in this session he demonstrated the Web Concepts, how PHP can provide dynamic content according to browser type, randomly generated numbers or User Input. It also demonstrated how the client browser can be redirected.

Session II was conducted by **Mr. Lovi Gupta**, he explained with practical exposure about Angular and its routing as to add multiple pages to an app and enable navigation between them with routing.

Session III was conducted by **Mr. Sameer Sharma**, highlighted Responsive Web Design which is about using HTML and CSS to automatically resize, hide, shrink, or enlarge, a website, to make it look good on all devices.

Day 5 - 26th August, 2020, Wednesday (4:00-7:30 pm)

Session I was conducted by **Mr.Rakesh Sharma**, explained and demonstrated about Cookies, Sessions, Sending Emails, File Uploading in PHP Environment.

Session II was conducted by **Mr. Lovi Gupta**, he demonstrated how to create app in Angular.

Session III was conducted by **Mr. Sameer Sharma** on Bootstrap as most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites.

Day 6 - 27th August, 2020, Thursday (4:00-7:30 pm)

Session I was conducted by **Mr.Rakesh Sharma**, in which he discussed about Advance PHP with practical's that ensures a solid grasp of the concepts with coding examples.

Session II was conducted by **Mr. Arihant Bantia**, shared his knowledge on ES6 which is advanced version of Javascript. He demonstrated some of the new features in ES6.

Session III was conducted by **Mr. Lovi Gupta**, explained about Responsive Apps & demonstrated a new way to develop Mobile app.

Day 7- 28th August, 2020, Friday (4:00-7:30 pm)

Session I was continued by **Mr.Rakesh Sharma** about PHP and AJAX and how to handle errors.

Session II was conducted by **Mr. Bhanu Chhabra**, shared his knowledge on Microservice Architecture. He compared various architectures and their issues like Monolithic, N-Tier and explained about Microservice architecture with it benefits and challenges.

Session III was conducted by **Mr. Lovi Gupta**, explained about Node JS as it is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js applications are written in JavaScript, and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux.

Day 8 - 29th August, 2020, Saturday (4:00-7:30 pm)

Session I was conducted by **Mr. Rakesh Sharma**, highlighted the important features of E-commerce websites and how to design website through WordPress.

Session II was conducted by **Mr. Saurabh Tiwari**, addressed to participants about the importance of Modern UI Technologies and its Concepts like Angular, React, Bootstrap etc for interactive and dynamic website.

Session III was conducted by **Mr. Lovi Gupta**, gave practical exposure on Node.js framework.

Day 9 - 30th August, 2020, Sunday (4:00-7:30 pm)

Session I was conducted by **Mr. Rakesh Sharma**, explained the concept as well as practical demonstration of Payment Gateway, Notification Manager (FCM).

Session II was conducted by **Mr. Saurabh Tiwari**, in this session he demonstrated about various Angular based Libraries.

Session III was conducted by **Mr. Lovi Gupta**, in this session he demonstrated how to design a server for restful APIs.

Day 10 - 31st August, 2020, Monday (4:00-7:30 pm)

Session I was conducted by **Mr. Rakesh Sharma**, in this session he demonstrated how to deploy PHP Website.

Session II was conducted by **Mr. Lovi Gupta**, in this session he demonstrated how to code and deploy Angular to the cloud.

Session III was conducted by **Mr. Sameer Sharma**, in which he continued to explain more features of Bootstrap and its implementation.

After these 10-day technical sessions, **Valedictory session** conducted at 7:00 - 7:30 pm on 31st August, 2020. In this session **Ms. Palika Jajoo, Event Coordinator** has given a brief summary of the events conducted in workshop. **Mr. Kanak Giri, Event Coordinator** has brief out the outcome of the workshop. All Experts have shared their experiences during this workshop and appreciated the efforts of organizing team to conduct such type of workshop. Some of the Participants shared their views about workshop. At the end, **Mr. Ashish Pant, Event Coordinator** has expressed his vote of thanks to everyone involved in this event.

Feedback form was shared to participants at the end of last session of each day on Webex platform. After feedback and by checking the attendance of participants, on-line certificates were given to all the competent participants.

Outcome of the Workshop: All the 30 sessions were very much informative. The discussed areas are of great benefit for the participants as they were enlightened with recent technologies in Web development and gained practical knowledge on how to build interactive website and webapp



TEN DAY TEQIP-III SPONSORED STUDENT WORKSHOP

“EMERGING WEB DEVELOPMENT TRENDS”

22 AUGUST-31 AUGUST,2020

LIST OF PARTICIPANTS

S.No	Student Name	Branch/Specialization	College Name
1	Aashiq Ali Pathan	Computer science and Engineering	Modi institute of technology , Kota
2	ABDUL RAHMAN	Computer science and engineering	Jodhpur institute of engineering and technology
3	ABHINAV BOHRA	computer science and engineering	Jodhpur institute of engineering and technology
4	ABHISHEK TIWARI	Advance PHP	DAV CENTENARY COLLEGE
5	Aditi Jain	Computer Science and Engineering	Jiet jodhpur
6	Aditi Rajendra Pathare	IT	Xavier Institute of Engineering, Mumbai
7	AIJAZ AHMAD WANI	Computer Science and Engineering	JIET GROUP OF INSTITUTIONS JODHPUR
8	Ajay Mundiyyara	Computer Science & Engineering	Jodhpur Institute of Engineering and Technology
9	Akansha gupta	Computer science engineering	Modi Institute Of Technology ,kota
10	Akhil Kumar	Computer Engineering	Sinhgad Academy Of Engineering, Kondhwa
11	Akshita Kalha	Computer science and engineering	Mody University of Science and Technology
12	Akshita Rajpurohit	Computer Science and Engineering	Jodhpur institute of engineering and technology
13	Aman Porwal	Information Technology	SKIT
14	Amrita kumari	Computer science and engineering	Modi Institute Of Technology
15	Ananya panda	Computer science & Engineering	Kmbb college of engineering and technology
16	Aniket Dalai	Computer science & Engineering	Kmbbcet
17	Anil Kumar Jangid	Computer science & Engineering	Skit
18	Anita	Software Engineering	D. A. V. Centenary College , Faridabad

19	Anjali Arora	Information Technology	Swami Keshvanand institute of technology and gramothan management
20	Arpita Rojalin Rath	Computer science	KMBB college of engineering and technology
21	Arun Purohit	Cse	JIET
22	ASHISH YADAV	Computer science & Engineering	Arya College Of Engineering & I.T
23	Avinash verma	CSe	Modi institute of technology
24	Ayush raj kumawat	Computer Science & Engineering	R.N. Modi Engineering College
25	Bhagyashree	Computer Science & Engineering	Jodhpur institute of engineering and technology
26	Bharti garg	Computer science and engineering	modi institute of technology college
27	Bhavika Mishra	Computer science and engineering	ARYA Institute of engineering technology and management
28	Bhawana agarwal	Computer Science and Engineering	Mody University
29	Binil Varghese	Computer Science & Engineering	Xavier's institute of engineering.
30	Deepika Bagh	Computer science and engineering	KMBB COLLEGE OF ENGINEERING AND TECHNOLOGY
31	Devesh Tushar Vaidya	Computer Engineering	Bharti vidyapith college of engineering lavale Pune
32	DIMPLE JHA	Computer Engineering	VIVEKANANDA INSTITUTE OF TECHNOLOGY
33	Dipesh Singh	Computer science	Dav centenary college
34	Divya choudhary	Computer Science & Engineering	Jodhpur institute of engineering and technology
35	Divya Sharma	Computer science engineering	Modi institute of technology, kota
36	Eklavya Joshi	Computer Science and Engineering	SKIT
37	Govind Sharma	Computer Science & Engineering	SKIT
38	Harsh Jain	Information Technology	SKIT, Jaipur
39	Harsh Kumar	ECE	Swami Keshvanad Institute Of Technology, Management and Gramothan, jaipur
40	Harsh Kumar	Computer science engineering	Swami keshvanand institute of technology management and gramothan
41	Harsh Wardhan Singh Rathore	Computer science and engineering	jodhpur institution of engineering and technology
42	Harshit Kumar Sevkani	Computer science	Swami Keshvanand Institute of technology , management and gramothan
43	Himanshi gaur	Computer Science	Jodhpur institute of engineering and technology
44	Himanshu Singh	Information Technology	Thakur College Of Science And Commerce

45	Hritik Khatri	Computer science and engineering	SKIT Jaipur
46	Iswar Chandra Barik	Computer science and engineering	Kmmb college of engineering and technology
47	Jagrati Sharma	Information Technology	Swami Keshvanand Institute of Technology management and Gramothan
48	Janeya Limbachia	Computer Science & Engineering	Xavier Institute of engineering
49	JINAL GUJAR	INFORMATION TECHNOLOGY	Thakur college of science and commerce
50	JOVIN JAMES MALIYAKAL	COMPUTER ENGINEERING	XAVIER INSTITUTE OF ENGINEERING
51	K VENKATAGURUNATHA NAIDU	IoT	Dr.M.G.R Educational and Research Institute
52	Kairamkonda Ashritha	Computer Science and Engineering	Avanthi Institute of Engineering and Technology
53	Kaluram prajapat	BCA	The ICFAI University jaipur Rajasthan
54	Kandepu Sai Divya	Computer Science and Engineering	Avanthi Institute of Engineering and Technology
55	Kapil Saxena	Computer science and engineering	Modi institute of technology
56	Karan Choudhary	Computer Science & Engineering	SKIT, Jaipur
57	Karan Pandit	Computer Science	JODHPUR INSTITUTE OF ENGINEERING AND TECHNOLOGY
58	Kashish khan	Computer Science	RN modi engineering college
59	KASHISH KHARE	Computer Science & Engineering	Mody university of science and technology
60	Keshav Agarwal	Computer science and engineering	Arya Institute of Engineering Technology and Management
61	Keshav Vaishnav	BCA	Lachoo Memorial College of Science and Technology
62	Khushi Malasiya	Computer Science and Engineering	Swami Keshwanand Institute of Technology and Gramothan
63	Kolte Lokesh Sanjay	Computer science and engineering	Singhad college of engineering kondhwa pune 411048
64	Komal Jha	Information Technology	SKIT
65	Kritika Singhal	Computer Science & Engineering	Swami Keshvanand Institute Of Technology Management and Gramothan
66	Kunal Laungani	Mechanical Engineering	Skit college
67	Kushagra gemini	Computer science	Modi Institute of technology
68	LK Alekhya	Computer Science & Engineering	KMBB College of Engineering and Technology
69	LOKESH KAMALNAYAN VYAS	Information Technology	Thakur College of Science and Commerce
70	Manan jain	Information Technology	Thakur College of science and commerce

71	Manish sharma	Computer Science & Engineering	Modi institute of technology
72	Manoj Garg	ECE	SKIT ,Jaipur
73	Manoj Kumar jangid	BCA	The icfai tech school the icfai University Jaipur Rajasthan
74	Mehul Sharma	ECE	SKIT, Jaipur
75	Melisa Andrea Soans	Information Technology	Xavier Institute Of Engineering
76	Mohammad Farhan Khan	Computer Science & Engineering	Skit,Jaipur
77	Mohd Travish Aftab Shaikh	Information Technology	Sb College
78	MONIKA KALIKAR	Computer Science & Engineering	AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY
79	Mr. Akshayjit Podder	Physical Sciences and Mathematics Methodologies	Adarsa College of Education
80	Muskan Tak	BCA	Lachoo Memorial College of Science & Technology (AUTONOMOUS)
81	Myron D'souza	Computer science& engineering	Xavier Institute of Engineering,Mahim
82	Nadeem Khan	Mechanical Engineering	Swami Keshvanand Institute of Technology
83	Naman jain	Computer science and engineering	Modi institute of technology, kota
84	NARRA GNANESHWARI	Computer science and engineering	Mallareddy institute of engineering and technology
85	NIKHIL SAROYA	Computer science and engineering	Modi institute of technology
86	Nimain sahu	Computer science and engineering	Kmbb college of engineering and technology
87	Ningthoujam kiran devi	Computer science and engineering	Modi institute of technology
88	Ningthoujam Linthoinganbi Chanu	Computer science and engineering	Modi Institute of Technology
89	Nirmal Kumar	Advanced PHP	D.A.V CENTENARY COLLEGE
90	Nisha Mishra	Computer science engineering	Arya college of engineering and it
91	Nishant Prajapati	Computer science and engineering	JIET
92	NITIN KUMAR	Computer science and engineering	MODI INSTITUTE OF TECHNOLOGY, KOTA (RAJ.)
93	Parul jain	Electronics and communication engineering	Swami keshavanand institute of technology
94	Piyush Modi	Computer science	Modi Institute of Technology
95	PIYUSH SHARMA	Computer science and engineering	Skit jaipur
96	Pooja jataav	Computer science engineering	Modi institute of technology,kota
97	Pooja yadav	Information technology	Thakur college of science and commerce
98	Prachi	Computer science	Mody university of science and technology

99	PRAJAPATI SHIKHA	Information Technology	Thakur College Of Science And Commerce
100	Pralay kumar kabi	Computer science and engineering	KMBB cet
101	Pranesh Kumar	Computer Science	DAV Centenary College
102	Preeti Rai	Computer science and engineering	GGITS
103	Preksha Gupta	Computer science & Engineering	Skit
104	PRIYANKA	Computer Science and Engineering	Arya college of Engineering and information Technology
105	Priyanka Kumari	Computer science and engineering	Skit jaipur
106	Priyanka priyadarshini Mishra	Computer Science and Engineering	Kmbb college of engineering and technology
107	Priyanka Vishvakarma	Computer Science and engineering	Modi Institute of technology, kota
108	Prkriti Puri	BDA	Mody University of Science and Technology
109	Rahul Gupta	BCA	The Icfai university jaipur
110	Rahul Kumar Balai	ECE	SKIT
111	Rajkishor Panda	Computer Science & Engineering	KMBB CET
112	Rakesh Kumar Jangid	BCA	The ICFAI University Jaipur Rajasthan
113	Rani Gupta	Computer Science & Engineering	Arya College of engineering and it
114	Ranjana Dinkar Raut	Applied Electronics	Sant Gadge Baba Amravati University
115	Rashika joshi	Computer Science Engineering	Swami keshvanand institute of information technology and gramothan
116	Rashmi Dubey	I.T.	Thakur College of Science and Commerce
117	Rashmi Rekha	CSE	Modi Institute Of Technology, Kota
118	Rasmita Sahoo	Computer science and engineering	Kmbb college of engineering and technology, Daleiput, Khordha
119	Ravi thakur	Information technology	Thakur college of science and commerce
120	REVATHI VEERAMALLA	COMPUTER SCIENCE & Engineering	Avanthi Institute Of Engineering And Technology
121	Rishabh Garg	Computer Science & Engineering	SKIT, Jaipur
122	Rishbh pandey	Computer Science & Engineering	Skit jaipur
123	Rishita maroo	Computer science	Skit
124	RITIK NAGAR	Computer Science and Engineering	R.N. Modi Engineering College
125	Ritik panchal	computer science	Dav Centenary College
126	ROHIT DILIP MAHAJAN	Computer Engineering	Slnhgad Academy of Engineering, Pune

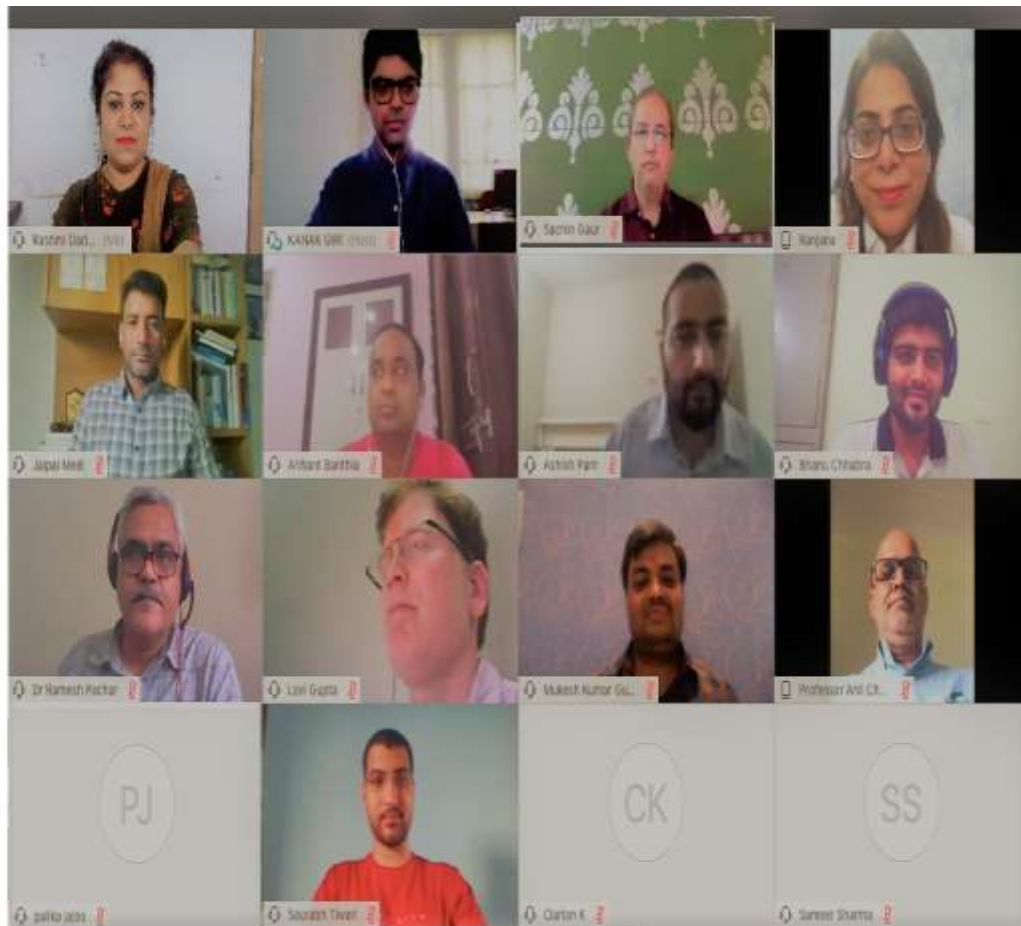
127	Rounak Choudhary	Computer Science and Engineering	Jodhpur Institute Of Engineering And Technology
128	Rubismita Satapathy	Computer science and engineering	KMBB College of engineering and technology
129	Rushi Vidyasagar Nagvanshi	Information technology	Thakur college of science and commerce
130	RYAN SHAIKH	Information Technology	St. Gonsalo Garcia College
131	Sachin Ganeshprasad Maurya	Information Technology	Xavier Institute of Engineering
132	Sachin Jaiswal	Information Technology	Thakur college of science and commerce
133	Sachin Yadav	Computer Science and Engineering	Thakur college of science and commerce
134	Sachin yadav	Computer Science & Engineering	SKIT COLLEGE
135	Sampada Deepak Matkar	Electronics and telecommunication	Xavier Institute of Engineering
136	Shreyansh Garg	Computer Science & Engineering	SKIT ,Jaipur
137	Shruti M Nashine	CSE(BDA)	Mody University of Science & Technology
138	Shruti rawat	Computer Science & Engineering	skit
139	Shubham Aggarwal	Computer Science & Engineering	B K Birla Institute Of Engineering And Technology, Pilani
140	SHUBHAM MAHESHWARI	Computer science and engineering	SKIT JAIPUR
141	Shubham Nagar	Computer Science & Engineering	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
142	Simran Koolwal	Computer Science & Engineering	SKIT
143	Sneha Sharma	Computer Science & Engineering	SKIT,Jaipur
144	Srilaxmi Komuravelli	Computer Science & Engineering	Avanthi Institute of Engineering and Technology
145	Stitipragnya Barik	Computer Science and Engineering	KMBB college of engineering and technology
146	Sudarsan Pradhan	Computer science & Engineering	Kmbb college of engineering and technology
147	Sudhismita Mohanty	Computer Science & Engineering	KMBB,CET
148	Suruchi Agarwal	Computer Science & Engineering	Mody University
149	Surya Prakash Mallick	Computer Science and Engineering	KMBB college of engineering and technology
150	Tanik jain	Computer Science	SKIT college, Jaipur.
151	Tanmaya keshari samal	Computer science and engineering	Kmbb college of engineering and technology
152	Tanya Swarup	CSE	Mody University
153	Tarun Parashar	Computer science	R.N Modi engineering college

154	Udit Narayan Tarini	Computer Science and Engineering	KMBB CET
155	V.Durga Srivalli	computer science and engineering	Avanthi institute of engineering and technology
156	Vaibhav Kishor Pawar	Computer Engineering	Sinhgad Academy of engineering, Pune
157	Vinay Bansal	Computer Science & Engineering	Swami keshvanand Institute of Technology Jaipur
158	Vishal Kumar Nama	Computer science	Swami Keshwanand Institute of technology and gramothan
159	Vishal Sharma	Computer science and engineering	Swami Keshwanand Institute of Technology, Management and Gramothan
160	Vishnu Nai	Electronics and telecommunications	Xavier institute of Engineering
161	Vivek Nuwal	Computer Science Engineering	Arya Institute of Engineering Technology and Management Jaipur
162	Yashika Singal	Computer Science & Engineering	Mody University of Science and Technology



GLIMPSES OF EVENT

OPENING CEREMONY



TEQIP-3 Sponsored 10 Days Student Development Workshop at SKIT , Jaipur

TECHNICAL SESSIONS

The screenshot shows a Zoom meeting interface. The main content is a presentation slide with the title "How to design a new kind of mobile phone interface?". The slide includes the following text:

Mobile Phone contact book, the social approach!
Nikhil Gaur
National University of Technology
agn@nptel.ac.in, IL

Abstract
In this paper I focus on defining user interfaces in mobile phones with current look of a mobile phone, so it is one of the most user interface features of a mobile phone. The paper attempts to provide a mobile user look in the present look by taking social characteristics and incorporating the strength of user in the interface. Social networking is widely in use. Several forms of the new features are transformations of ideas related from social networking website. However, various of social networking website provide a great opportunity for its concepts to be applied in a mobile phone, whenever possible.

Figure 1: Social Graph/Contact List

MOBILE HARVEST
Social Graph & Contact Book in the look of a mobile phone
Nikhil Gaur
National University of Technology
agn@nptel.ac.in, IL

The slide also features a globe and a smartphone. The Zoom interface shows a top bar with navigation icons, a participant list on the right with 232 participants, and a Q&A section at the bottom right.

The screenshot shows a Zoom meeting interface. The main content is a presentation slide titled "Casting". The slide includes the following text:

Casting

In PHP, division forces operands to be floating point. PHP converts expression values silently and aggressively.

```
$a = 56; $b = 12;  
$c = $a / $b;  
echo "C: $c\n";  
$d = "100" + 36.25 + TRUE;  
echo "D: ". $d . "\n";  
echo "D2: ". (string) $d . "\n";  
$e = (int) 9.9 - 1;  
echo "E: $e\n";  
$f = "sam" + 25;  
echo "F: $f\n";  
$g = "sam" . 25;  
echo "G: $g\n";
```

The output of the code is shown on the right side of the slide:

```
C: 4.6666666666667  
D: 137.25  
D2: 137.25  
E: 8  
F: 25  
G: sam25
```

The Zoom interface shows a top bar with navigation icons, a participant list on the right with 163 participants, and a Q&A section at the bottom right.

Should I go responsive or not?
It depends.

?

- Project context
- Complexity and functionality
- Skill set of your team
- Budget and timelines
- Client expectations

Chat:

Sir share with us web designing templates designing softwares download link and let us know about progressive Web Application development and designing

From: Abhishek Rajwade (you) 2:57 PM

ma'am I have no doubt
soo I can leave this session ?

ES6 - Next generation of Javascript

Presenter
Arihant Kumar Banthia

Participants (73):

- Talika Jajoo (Host, Mute)
- Arihant Banthia
- Attendee 71 (1 displayed)
- AJAZ AHM.

[View all attendees.](#)

Zoom Meeting: Participants (78): PJ, AP, LG. Host: me.

```

1 // GET /students
2 // POST /students
3 // PUT /students/:id
4 // DELETE /students/:id
5
6 const express = require('express');
7 const router = express.Router();
8
9 // GET /students
10 router.get('/', function(req, res) {
11   // http://localhost:3000/api/students
12   // http://localhost:3000/api/students?limit=5
13   // http://localhost:3000/api/students?limit=5&offset=10
14   // http://localhost:3000/api/students?limit=5&offset=10&sort=age
15   const sql = `SELECT * FROM students`;
16   const sqlQuery = req.query.limit ? `LIMIT ${req.query.limit}` : '';
17   const sqlQueryOffset = req.query.offset ? `OFFSET ${req.query.offset}` : '';
18   const sqlQuerySort = req.query.sort ? `ORDER BY ${req.query.sort}` : '';
19   const sqlQuery = ` ${sql} ${sqlQueryOffset} ${sqlQuerySort} ${sqlQuery}`;
20   db.query(sqlQuery, function(err, results) {
21     if (err) {
22       console.log('Error: ', err);
23       res.json({ error: 'Internal Server Error' });
24     } else {
25       console.log('Success: ', results);
26       res.json({ success: 'Success', data: results });
27     }
28   });
29 });
30
31 // POST /students
32 router.post('/', function(req, res) {
33   // http://localhost:3000/api/students
34   const sql = `INSERT INTO students (name, age) VALUES ('${req.body.name}', ${req.body.age})`;
35   db.query(sql, function(err, results) {
36     if (err) {
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45
46 // PUT /students/:id
47 router.put('/:id', function(req, res) {
48   // http://localhost:3000/api/students/:id
49   const sql = `UPDATE students SET name = '${req.body.name}', age = ${req.body.age} WHERE id = ${req.params.id}`;
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61 // DELETE /students/:id
62 router.delete('/:id', function(req, res) {
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69     } else {
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71       res.json({ success: 'Success', data: results });
72     }
73   });
74 });
75
76 module.exports = router;

```

Zoom Meeting: Participants (82): PJ, LG. Host: me.

```

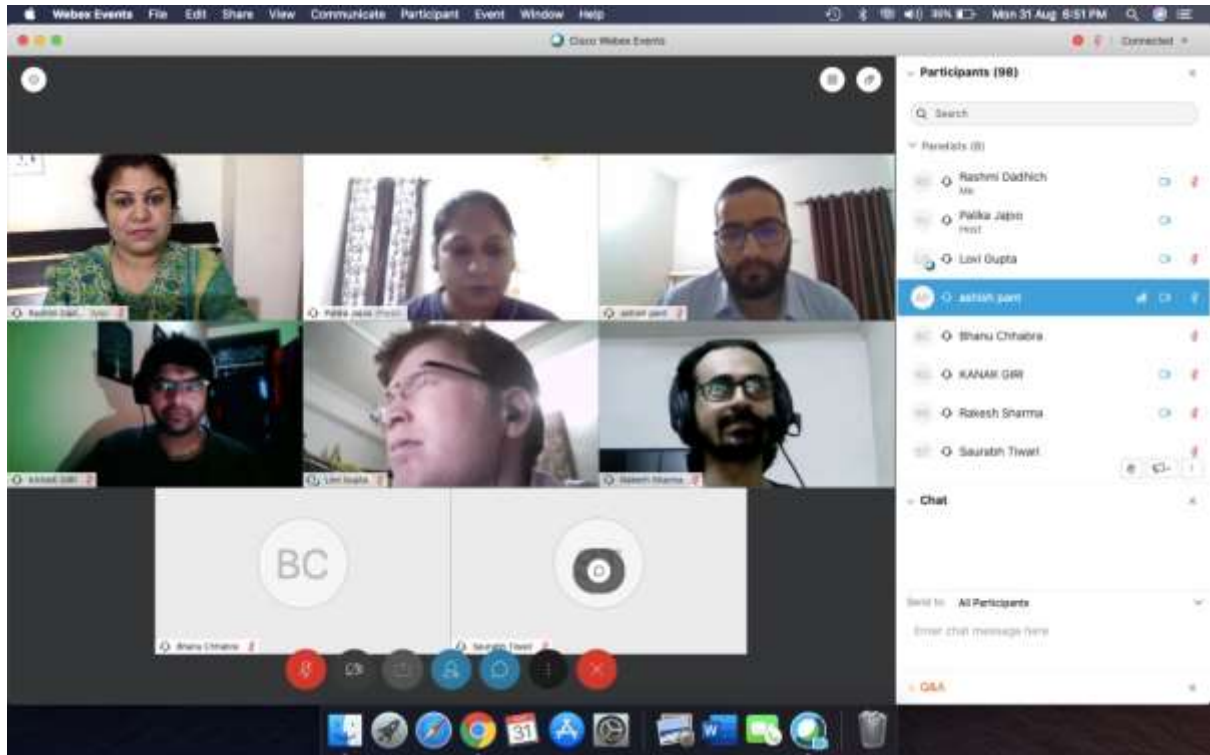
1 // GET /students
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13   // http://localhost:3000/api/students?limit=5&offset=10
14   // http://localhost:3000/api/students?limit=5&offset=10&sort=age
15   const sql = `SELECT * FROM students`;
16   const sqlQuery = req.query.limit ? `LIMIT ${req.query.limit}` : '';
17   const sqlQueryOffset = req.query.offset ? `OFFSET ${req.query.offset}` : '';
18   const sqlQuerySort = req.query.sort ? `ORDER BY ${req.query.sort}` : '';
19   const sqlQuery = ` ${sql} ${sqlQueryOffset} ${sqlQuerySort} ${sqlQuery}`;
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59 });
60
61 // DELETE /students/:id
62 router.delete('/:id', function(req, res) {
63   // http://localhost:3000/api/students/:id
64   const sql = `DELETE FROM students WHERE id = ${req.params.id}`;
65   db.query(sql, function(err, results) {
66     if (err) {
67       console.log('Error: ', err);
68       res.json({ error: 'Internal Server Error' });
69     } else {
70       console.log('Success: ', results);
71       res.json({ success: 'Success', data: results });
72     }
73   });
74 });
75
76 module.exports = router;

```

Chat:

from Palka Jajoo to Ashish Pant (private): 6:52 PM
ok
from Palka Jajoo to all-participants: 6:53 PM
through cache the person can get to know about your connection to database and can get the data access from any way is it possible.
from Saurabh Tiwari to everyone: 6:57 PM
<https://github.com/soylatgiv/ServiceWorkers-Sid>

VALEDICTORY SESSION



MEDIA COVERAGE

इमर्जिंग वेब डवलपमेंट ट्रेंड्स पर वर्कशॉप

बच्चों को री-सेंट वेब टेक्नोलॉजी के बारे में बताया

By: Rakhi Hajela

Published: 26 Aug 2020, 06:02 PM IST

Jaipur, Jaipur, Rajasthan, India



EQIP-3 Sponsored 10 Days Student Development Workshop at SKIT , Jaipur

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इमर्जिंग वेब डवलपमेंट ट्रेंड्स पर वर्कशॉप

एसकेआईटी में चल रही इमर्जिंग वेब डवलपमेंट ट्रेंड्स पर वर्कशॉप में पांचवें दिन वक्ताओं ने अपने विचार रखे। वर्कशॉप की मुख्य अतिथि रंजना थानवी ने बच्चों को रीसेंट वेब टेक्नोलॉजी के बारे में बताया और आने वाले समय के लिए मुख्य टेक्नोलॉजीज से अवगत कराया। इस वर्कशॉप में सात आईटी एक्सपर्ट्स 10 दिनों तक पार्टिसिपेंट्स को वेब टेक्नोलॉजीज डवलपमेंट के बारे में बताएंगे। कॉलेज के डायरेक्टर जयपाल मील ने सभी पार्टिसिपेंट्स के लिए इस वर्कशॉप को एक बेहतर अवसर बताया और नई वेब टेक्नोलॉजीज जैसे एंगुलर, रियेक्ट, जावा स्क्रिप्ट, सीएसएस पर लाइव सीखने के लिए बच्चों को प्रेरित किया। कॉलेज के प्रिंसिपल डॉ. रमेश कुमार पचार ने बताया कि यह वर्कशॉप आरटीयू, जैनटीयू हैदराबाद और टेकिप 3 स्पॉन्सर्ड होगी। इसमें देश के विभिन्न एक्सपर्ट्स पार्टिसिपेंट्स को करंट वेब टेक्नोलॉजीज पर काम करना सिखाएंगे। कॉलेज इवेंट कर्डीनेटर डॉ. मुकेश कुमार गुप्ता ने प्रोफेसर आर ए गुप्ता, डॉ. धीरेन्द्र माथुर, डॉ. हरीश शर्मा, रश्मि दाधीच, पालिका जाजू, आशीष पंत, कैलाश सोनी, कनक गिरी का आभार व्यक्त किया।

इमजिंग वेब डवलपमेंट ट्रेंड्स पर वर्कशॉप



डेली न्यूज, mix रिपोर्टर, जयपुर। एसकेआईटी में चल रही इमजिंग वेब डवलपमेंट ट्रेंड्स पर वर्कशॉप में पांचवें दिन वक्ताओं ने अपने विचार रखे। वर्कशॉप की मुख्य अतिथि रंजना थानवी ने बच्चों को रीसेंट वेब टेक्नोलॉजी के बारे में बताया और आने वाले समय के लिए मुख्य टेक्नोलॉजीज से अवगत कराया। इस वर्कशॉप में सात आईटी एक्सपर्ट्स 10 दिनों तक पार्टिसिपेंट्स को वेब टेक्नोलॉजीज डवलपमेंट के बारे में बताएंगे। कॉलेज के डायरेक्टर जयपाल मील ने सभी पार्टिसिपेंट्स के लिए इस वर्कशॉप को एक बेहतर अवसर बताया और नई वेब टेक्नोलॉजीज जैसे एंगुलर, रियेक्ट, जावा स्क्रिप्ट, सीएसएस पर लाइव सीखने के लिए बच्चों को प्रेरित किया। कॉलेज के प्रिंसिपल डॉ.रमेश कुमार पंचार ने बताया कि यह वर्कशॉप आरटीयू, जैनटीयू हैदराबाद और टेकिप 3 स्पॉन्सर्ड होगी। इसमें देश के विभिन्न एक्सपर्ट्स पार्टिसिपेंट्स को करंट वेब टेक्नोलॉजीज पर काम करना सिखाएंगे। कॉलेज इवेंट कॉर्डिनेटर डॉ. मुकेश कुमार गुप्ता ने प्रोफेसर आरए गुप्ता, डॉ. धीरेन्द्र माथुर, डॉ. हरीश शर्मा, रश्मि दाधीच, पालिका जाजू, आशीष पंत, कैलाश सोनी, कनक गिरी का आभार व्यक्त किया।

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This is to certify that **Mr. Rakesh Sharma** has contributed as a **Resource Person** during ten-day Student Workshop on *"Emerging Web Development Trends"* held from 22/08/2020 to 31/08/2020 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.


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This is to certify that **Mr. Aриhant Kumar Banthia** has delivered an Expert Talk on "ES6" in the ten-day Student Workshop on *"Emerging Web Development Trends"* held from 22/08/2020 to 31/08/2020 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramathan, Jaipur.


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This is to certify that **Mr. Bhanu Chhabra** has delivered an Expert Talk on "Microservice Architecture" in the ten-day Student Workshop on *"Emerging Web Development Trends"* held from 22/08/2020 to 31/08/2020 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.


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This is to certify that Mr. Saurabh Tiwari has delivered an Expert Talk on "Modern UI Technologies & Concepts and Angular based Libraries" in the ten-day Student Workshop on *"Emerging Web Development Trends"* held from 22/08/2020 to 31/08/2020 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramathan, Jaipur.

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This is to certify that **Mr. Sachin Gaur** has delivered an Expert Talk on "Current Trends in Web Development" in the ten-day Student Workshop on *"Emerging Web Development Trends"* held from 22/08/2020 to 31/08/2020 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.


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This is to certify that Mr. Lokesh Kamalnayan Vyas of Thakur College of Science and Commerce has participated in the 10 days Student Workshop on "*Emerging Web Development Trends*" held from 22/08/2020 to 31/08/2020 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.


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This is to certify that **Ms. Akansha Gupta** of **Modi Institute of Technology, Kota** has participated in the 10 days Student Workshop on "**Emerging Web Development Trends**" held from 22/08/2020 to 31/08/2020 organized by Department of CSE & IT at Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.


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ACKNOWLEDGEMENT

We express our heartiest and sincere thanks to our Management, Member of Advisory Committee, Members of Organising Committee and all the eminent speakers for their support to make this student workshop a success.

The main objective of organizing the workshop was fully achieved with valuable & prolific technical discourses. The students of various institutes and universities are benefited with innovative, igneous technologies and informative contents presented during the workshop.

We wish to seek your kind support in another academic endeavour of the department in times ahead. We are committed to bring glory to the name of SKIT.

Team -EWDT 2020

Thanks & Regards

Ms. Palika Jajoo
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Department of Computer Science
SKIT, Jaipur