



A
Report on
TEQIP-III RTU (ATU) Sponsored
Student Workshop on
“Data Science & Analytics”
11th -25th August 2020



Organized by
Rajasthan Technical University, Kota
&
Department of Computer Science & Engg. and IT
Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur

Submitted by:
Kailash Soni
Assistant Professor, Department of CSE
Host Institute Coordinator and Chief Coordinator of ECA

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1. 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.

2. About 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.

3. About SKIT:-

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), inspired from the learnings of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. Today, the Institute is recognized as one of the centers of academic excellence in Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Ph. D., Postgraduate and Graduate Courses in Engineering and Management.

Located in the Pink City Jaipur, which is a blend of traditional history and modern outlook, SKIT is putting in efforts for making industry ready engineers and managers through effective Industry –Institute Interface. Apart from University curriculum, SKIT also pursues activities for research and development in various fields.

The green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants make the environment serene, pleasant and dynamic.

Students joining the institute share the box full of opportunities for professional and personal development through an environment of practical orientation, industrial interaction and student led activities which help the students to develop good communication skills, integrated personality and greater competitive spirit.

Our Inspiration

"Mass illiteracy is the root cause behind backwardness of India. If we want speedy progress of nation we need to root it out as early as possible."

– Swami Keshvanand

Swami Keshvanand, an orphan, illiterate, nomadic man who never received formal education, was the founder of more than 300 schools, 50 hostels and innumerable libraries, social service centers and museums. Swami Keshvanand had a deep understanding of the rural society of the desert region. He had explained the peculiarities of the desert region, identified the problems and suggested appropriate and logical solutions. It was Swami Keshvanand's lifelong endeavour to eradicate social evils like untouchability, child marriage, indebtedness, poverty, backwardness, alcohol abuse, moral dissipation etc.

Vision

To promote higher learning in advanced technology and industrial research to make our country a global player

Mission

To promote quality education, training and research in field of Engineering by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.

Quality Policy

We are committed to 'achievement of quality' as an integral part of our institutional policy by continuous self-evaluation and striving to improve ourselves.

Institute would pursue quality in

- All its endeavours like admissions, teaching- learning processes, examinations, extra and co-curricular activities, industry institution interaction, research & development, continuing education, and consultancy.
- Functional areas like teaching departments, Training & Placement Cell, library, administrative office, accounts office, hostels, canteen, security services, transport, maintenance section and all other services.”

4. Approval Letter of the Workshop by RTU:-

**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. FTU/TEQIP-III/F(56)/2020-21/ 4901-05 DATE:- 05/08/20

OFFICE ORDER

In continuation of office order RTU/TEQIP-III/F(56)/2018-19/4848 dated 25/07/2020, following dates are approved for the workshops as mentioned as below.

Sr. No.	Name of the Institute	Title of the workshop	Workshop Dates
1	Swami Keshvanand Institute of Technology, Management & Gramothan	Data Science and Analytics	11/08/2020 to 25/08/2020
2	Global Institute of Technology, Jaipur	Machine Learning: Practical Approach for beginners	08/08/2020 to 22/08/2020

The respective RTU Event Coordinator has to conduct the mentioned workshop as per the TEQIP-III norms.


Coordinator TEQIP III, RTU (ATU)

Copy to:-

1. P.S. to Hon'ble Vice Chancellor
2. RTU Event Coordinator, Dr. Harish Sharma
3. Principal of affiliated engineering colleges through official Email.
4. TEQIP-III RTU (ATU) Office File


Coordinator TEQIP III, RTU (ATU)

5. Committees for the Workshop:-

ADVISORS

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

RTU (ATU) TEQIP-III COORDINATOR

Dr. Dharendra Mathur

RTU EVENT COORDINATOR

Dr. Harish Sharma (Nodal officer)

HOST INSTITUTE COORDINATOR

Mr. Kailash Soni

Assistant Professor, Department of CSE,

Mobile: 9460066186

Email: kailash.soni@skit.ac.in

Ms. Sanju Choudhary

Associate Professor, Department of IT,

Mobile: 9983918945

Email: sanju@skit.ac.in

6. Objective of the Workshop:-

- To understand the concepts of data science and analytics.
- To provide an exposure of basic and advance python programming.
- To provide hands-on-experience of best practices for data processing through various case studies.
- To provide hands-on learning with Scikit–Learn and Data Analysis Library.

7. Content of the Workshop:-

- Introduction to Data Science and Analytics.
- Understand the Regression and Classification Theory.
- Hands-On Sessions on Python Programming.
- Perform Text-Mining through various Machine Learning Classifiers.
- Practical Session on Scikit-Learn Libraries.
- Practical Sessions on Advanced Python (Matplotlib, Pandas and Numpy) Library.
- Hands on Sessions for developing Minor Projects.

8. Invitation to the Experts:-

8/31/2020

Swami Keshvanand Institute of Technology Mail - Invitation for being expert in the TEQIP-III sponsored Workshop



Kailash Soni <kailash.soni@skit.ac.in>

Invitation for being expert in the TEQIP-III sponsored Workshop

2 messages

Dr Harish Sharma <hsharma@rtu.ac.in>

Sun, Aug 2, 2020 at 7:14 PM

To: Harendra Sharma <harendra.sharma@ericsson.com>

Cc: Mukesh Gupta <mukeshgupta@skit.ac.in>, Kailash Soni <kailash.soni@skit.ac.in>, Sanju <sanju@skit.ac.in>

Respected Prof Mr. Harendra Sharma,

Full Stack Website Developer | Back-end Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Knowledge Boulevard, Block A, Industrial Area, Sector 62, Noida-201309

Greeting from Rajasthan Technical University, Kota Rajasthan!!!

I hope this email finds you in good health.

I feel immense pleasure in informing you that the Rajasthan Technical University, Kota and SKIT, Jaipur are jointly organizing TEQIP-III sponsored student workshop at SKIT, Jaipur, Rajasthan on 'Data Science and Analytics' during 11-25 Aug 2020 .

As you have immense experience in the area; I shall be extremely privileged if you accept our invitation to deliver expert lectures in this workshop.

Further, for any query, you may contact the workshop coordinators Dr Mukesh Kumar Gupta(mukeshgupta@skit.ac.in, 9772545766), Mr. Kailash Soni (kailash.soni@skit.ac.in,9460066186), Ms. Sanju Chaudhary (sanju@skit.ac.in, 9460500224).

As per the TEQIP-III norms the honorarium for the expert lectures will be directly transferred to the expert through PFMS in the personal account. Therefore, you are requested to fill the attached bill, sign, and send it to the workshop coordinator in hard copy.

With Regards

Dr. Harish Sharma
N.O. Academic TEQIP-III
& Associate Professor
Computer Science & Engineering Deptt.
Rajasthan Technical University, Kota.
<http://www.rtu.ac.in/RTU/dr-harish-sharma>

Associate Editor: Int. J. of Swarm Intelligence (IJSI), Inderscience Publishers (www.inderscience.com/ijsi)

Secretary: Soft Computing Research Society, India

Mob. No. 9461174365
Dr. Harish Sharma
Associate Professor
Computer Science & Engineering Deptt.
Rajasthan Technical University, Kota.
<http://www.rtu.ac.in/RTU/dr-harish-sharma>

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Secretary: Soft Computing Research Society, India

Mob. No. 9461174365

 **Honorarium Bill.docx**
18K

Harendra Sharma <harendra.sharma@ericsson.com>
To: Dr Harish Sharma <hsharma@rtu.ac.in>

Tue, Aug 4, 2020 at 2:23 PM

<https://mail.google.com/mail/u/0?ik=622571561e&view=pt&search=all&permthid=thread-f%3A1673921427695573514&simpl=msg-f%3A1673921...> 1/3

8/31/2020

Swami Keshvanand Institute of Technology Mail - Invitation for being expert in the TEQIP-III sponsored Workshop

Cc: Mukesh Gupta <mukeshgupta@skit.ac.in>, Kailash Soni <kailash.soni@skit.ac.in>, Sanju <sanju@skit.ac.in>

Dear,

Greetings!!!

I am pleased to inform you that I accept your invitation to deliver expert lectures in TEQIP-III sponsored student workshop at SKIT.

Thank you.

Best Regards,



Harendra Sharma

From: Dr Harish Sharma <hsharma@rtu.ac.in>

Sent: Sunday, 2 August, 2020 7:15 PM

To: Harendra Sharma <harendra.sharma@ericsson.com>

Cc: Mukesh Gupta <mukeshgupta@skit.ac.in>; Kailash Soni <kailash.soni@skit.ac.in>; Sanju <sanju@skit.ac.in>

Subject: Invitation for being expert in the TEQIP-III sponsored Workshop

Respected Prof Mr. Harendra Sharma,

Full Stack Website Developer | Back-end Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Knowledge Boulevard, Block A, Industrial Area, Sector 62, Noida-201309

Greeting from Rajasthan Technical University, Kota Rajasthan!!!

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I feel immense pleasure in informing you that the Rajasthan Technical University, Kota and SKIT, Jaipur are jointly organizing TEQIP-III sponsored student workshop at SKIT, Jaipur, Rajasthan on during 11-25 Aug 2020 .

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With Regards

Dr. Harish Sharma

N.O. Academic TEQIP-III

& Associate Professor

<https://mail.google.com/mail/u/0?ik=622571561e&view=pt&search=all&permthid=thread-f%3A1673921427695573514&simpl=msg-f%3A1673921...> 2/3

8/31/2020

Swami Keshvanand Institute of Technology Mail - Invitation for being expert in the TEQIP-III sponsored Workshop

Computer Science & Engineering Deptt.

Rajasthan Technical University, Kota.

<http://www.rtu.ac.in/RTU/dr-harish-sharma>

Associate Editor: Int. J. of Swarm Intelligence (IJSI), Inderscience Publishers (www.inderscience.com/ijsi)

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Mob. No. 9461174365

Dr. Harish Sharma

Associate Professor

Computer Science & Engineering Deptt.

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Mob. No. 9461174365

 beacon



Kailash Soni <kailash.soni@skit.ac.in>

Invitation for being expert in the TEQIP-III sponsored Workshop

2 messages

Dr Harish Sharma <hsharma@rtu.ac.in> Sun, Aug 2, 2020 at 7:14 PM
To: Ramendra Kumar <ramendra.kumar@tgsane.com>
Cc: Mukesh Gupta <mukeshgupta@skit.ac.in>, Kailash Soni <kailash.soni@skit.ac.in>, Sanju <sanju@skit.ac.in>

Respected Prof Mr. Ramendra Kumar,

ML Consultant, TGSane Technologies, Hare Krishna Regency, [Muhana Mandi Rd, Kesar Nagar, Jaipur-302029](#)

Greeting from Rajasthan Technical University, Kota Rajasthan!!!

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Secretary: Soft Computing Research Society, India

Mob. No. 9461174365

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18K

Ramendra Kumar <ramendra.kumar@tgsane.com> Wed, Aug 5, 2020 at 11:31 AM
To: Dr Harish Sharma <hsharma@rtu.ac.in>
Cc: Mukesh Gupta <mukeshgupta@skit.ac.in>, Kailash Soni <kailash.soni@skit.ac.in>, Sanju <sanju@skit.ac.in>

<https://mail.google.com/mail/u/0?ik=622571561e&view=pt&search=all&permthid=thread-f%3A1673921427645401760&siml=msg-f%3A1673921...> 1/2

8/31/2020

Swami Keshvanand Institute of Technology Mail - Invitation for being expert in the TEQIP-III sponsored Workshop

Dear Sir/Madam,

Thank you for your invitation. I am glad to be part of this student workshop.

Best Wishes
Ramendra Kumar

[Quoted text hidden]

[Quoted text hidden]

<http://www.rtu.ac.in/RTU/dr-harish-sharma> [1]

Associate Editor: Int. J. of Swarm Intelligence (JSI), Inderscience
Publishers (www.inderscience.com/ijsi) [2]

Secretary: Soft Computing Research Society, India
Mob. No. 9461174365

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Associate Professor
Computer Science & Engineering Deptt.
Rajasthan Technical University, Kota.
<http://www.rtu.ac.in/RTU/dr-harish-sharma> [1]

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Links:

[1]

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[2]

https://rtu-ac-dot-yamm-track.appspot.com/Redirect?ukey=1xnu5VOdsUKnAF7Zp0E8BQ22qtADllbcV_UUywUpYUb8-0&key=YAMMID-75871951&link=http%3A%2F%2Fwww.inderscience.com%2Fijsi

--

Ramendra Kumar, M.S. (IIT, Delhi)
ML Consultant,
TGSane Technologies, Jaipur

8/31/2020

Swami Keshvanand Institute of Technology Mail - RE: EXTERNAL: Invitation for being expert in the TEQIP-III sponsored Workshop



Kailash Soni <kailash.soni@skit.ac.in>

RE: EXTERNAL: Invitation for being expert in the TEQIP-III sponsored Workshop

1 message

Jain, Ankit (DNDL) <ankit.jain@smithsdetection.com>

Mon, Aug 3, 2020 at 12:47 PM

To: Dr Harish Sharma <hsharma@rtu.ac.in>

Cc: Mukesh Gupta <mukeshgupta@skit.ac.in>, Kailash Soni <kailash.soni@skit.ac.in>, Sanju <sanju@skit.ac.in>

Hello Sir,

Thankyou for allowing me this opportunity to share my knowledge and spread it to more people. I heartily accept your invitation for delivering lectures during this workshop.

Thanks & Regards,

Ankit Jain

Senior Software Developer

SMITHS DETECTION SYSTEMS PRIVATE

From: Dr Harish Sharma <hsharma@rtu.ac.in>

Sent: Sunday, August 2, 2020 7:15 PM

To: Jain, Ankit (DNDL) <ankit.jain@smithsdetection.com>

Cc: Mukesh Gupta <mukeshgupta@skit.ac.in>; Kailash Soni <kailash.soni@skit.ac.in>; Sanju <sanju@skit.ac.in>

Subject: EXTERNAL: Invitation for being expert in the TEQIP-III sponsored Workshop

CAUTION: This email came from outside Smiths Group. Be cautious with the contents unless you can confirm the sender is genuine.

Respected Prof Mr. Ankit Jain,

Senior Software Developer, Smiths Detection Systems Private Limited, Prestige Al-Kareem, 3rd Floor [No.3, Edward Road](#)

Vasanth Nagar,Bangalore – 560052

Greeting from Rajasthan Technical University, Kota Rajasthan!!!

I hope this email finds you in good health.

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<https://mail.google.com/mail/u/0?ik=622571561e&view=pt&search=all&permthid=thread-f%3A1673987692407041936&siml=msg-f%3A1673987...> 1/2

8/31/2020 Swami Keshvanand Institute of Technology Mail - RE: EXTERNAL: Invitation for being expert in the TEQIP-III sponsored Workshop

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Secretary: Soft Computing Research Society, India

Mob. No. 9461174365

||

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Kailash Soni <kailash.soni@skit.ac.in>

Invitation for being expert in the TEQIP-III sponsored Workshop

1 message

Dr Harish Sharma <hsharma@rtu.ac.in>

Sun, Aug 2, 2020 at 9:27 PM

To: Atma Rai <atma.raai@adtechcorp.in>

Cc: Mukesh Gupta <mukeshgupta@skit.ac.in>, Kailash Soni <kailash.soni@skit.ac.in>, Sanju <sanju@skit.ac.in>

Respected Prof Mr. Atma Kumar Rai,

Data Scientist, ADTECH Corp, Nathani Towers,
First Floor, Plot #42, [Jayabheri Enclave Phase 2, Gachibowli, Hyderabad-500032](#)

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Rajasthan Technical University, Kota.
<http://www.rtu.ac.in/RTU/dr-harish-sharma>**Associate Editor:** Int. J. of Swarm Intelligence (IJSI), Inderscience Publishers (www.inderscience.com/ijsi)**Secretary:** Soft Computing Research Society, IndiaMob. No. 9461174365
Dr. Harish Sharma
Associate Professor
Computer Science & Engineering Deptt.
Rajasthan Technical University, Kota.
<http://www.rtu.ac.in/RTU/dr-harish-sharma>**Associate Editor:** Int. J. of Swarm Intelligence (IJSI), Inderscience Publishers (www.inderscience.com/ijsi)**Secretary:** Soft Computing Research Society, India

Mob. No. 9461174365

 **Honorarium Bill.docx**
18K

9. Experts Details:-

Name of expert	Post & Affiliation of expert	Expert Email
Mr. Ankit Jain	Senior Software Developer, Smiths Detection Systems Private Limited, Prestige Al-Kareem, 3rd Floor No.3, Edward Road Vasanth Nagar, Bangalore – 560052	ankit.jain@smithsdetection.com
Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Nathani Towers, First Floor, Plot #42, Jayabheri Enclave Phase 2, Gachibowli, Hyderabad-500032	atma.Rai@adtechcorp.in
Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Hare Krishna Regency, Muhana Mandi Rd, Kesar Nagar, Jaipur-302029	ramendra.kumar@tgsane.com
Mr. Harendra Sharma	Full Stack Website Developer Back-end Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Knowledge Boulevard, Block A, Industrial Area, Sector 62, Noida-201309	harendra.sharma@ericsson.com

10. Honorarium by Experts:-

Rajasthan Technical University

Rawatbhata Road, Akelgarh, Kota-324010

Honorarium bill for ONLINE Events

TEQIP-III, RTU (ATU)

- Name (In Block Letters) ATMA KUMAR RAI Mob. No. 7053301196
- Fathers Name SANTOSH KUMAR RAI
- Date of Birth 04.03.1994 Plot No #42, Nathani Towers Phase 2 Gachibowli, Hyderabad 500032
- Designation & Affiliation DATA SCIENTIST, ADTECH. Corp., Hyderabad.
- Address HOUSE NO-704, AALI VILLAGE SARITA VIHAR, NEW DELHI.
- Permanent Address 2803, 8237, 6550 (Enclose Copy of Aadhar Card)
- PAN No. CFHPR5133K (Enclose Copy of PAN Card) CFHPR5133K
- Bank Account No. 50160167864117
- Name and Branch of Bank HDFC Sector-53 Gurgaon-122002
- IFSC Code HDFC0000512
- Honorarium

S.No.	Date	Time	Topic	Honorarium
1	11.08.2020 12.08.2020 13.08.2020	5:30 to 7:00 5:15 to 6:30 5:15 to 6:30	Introduction & Importance of Workshop. Mathematics in AI & Machine Learning Mathematical Machine Learning Calculus	5000/- 5000/- 5000/-
2	14.08.2020 15.08.2020 16.08.2020	5:15 to 6:30 5:15 to 6:30 5:15 to 6:30	Optimization Techniques Part 1 and 2. Optimization Techniques Part 3 and 4. Introduction to Neural Networks	5000/- 5000/- 5000/-
3	17.08.2020 18.08.2020 19.08.2020	5:15 to 6:30 5:15 to 6:30 5:15 to 6:30	Practical Problems in Natural Language Processing Introduction to Recurrent Neural Networks (RNN) LSTM (As provided for Online session)	5000/- 5000/- 5000/-
4	20.8.2020 21.8.2020 22.8.2020	5:15 to 6:30 5:15 to 6:30 5:15 to 6:30	Text mining through LSTM 2 - part 1 Sentiment Analysis	5000/- 5000/- 5000/-
5	23.08.2020 24.08.2020 25.8.2020	5:15 to 6:30 5:15 to 6:30 5:15 to 6:30	Practical Problems in NLP Using Recurrent Neural Networks Practical Problems in NLP using LSTM Sentiment and Aspect with Text Mining	5000/- 5000/- 5000/-

12. Postal Charges (attach the original receipt) _____

Total Amount claimed (11+12) ₹ 75000/- (In words) ₹ Seventy Five Thousand Only

Certify that the above mentioned details are correct

Atma Kumar Rai
Signature (Expert Signature)

RECEIPT

I have received the amount ₹ 75000/- (In words) Seventy Five Thousand Only

Signature (expert signature) Atma Kumar Rai Date _____

Note: Expert has to send the duly signed filled form to the host Institute Coordinator. Expert has to sign at abovementioned two places.

Institute/Event Coordinator Certificate

The expert lecture details are verified and payment may be made as per the TEQIP-III Norms.

Signature of Head of Institute (with seal)

PRINCIPAL

Swami Keshvanand Institute of
Technology, Management & Gramothan
Ramnagar (Jagatpura), JAIPUR-302017

Signature of RTU Event Coordinator

Honorarium Applied by Mr. Atma Kumar Rai (75,000)

Rajasthan Technical University

Rawatbhata Road, Akelgarh, Kota-324010

Honorarium bill for ONLINE Events

TEQIP-III, RTU (ATU)

- Name (In Block Letters) HARENDRA SHARMA Mob. No. 9599024379
- Fathers Name JAGAN NATH SHARMA
- Date of Birth 15-06-1989
- Designation & Affiliation FULL STACK Website Developer, ERICSSON India Global Service Pvt. Ltd, Noida
- Address F-13/A, 1st FLOOR, GALI NO-1, HARSH VIHAR, HARINAGAR PART 3, BADAARPUR, NEW DELHI-11
- Aadhar No. 3260 2353 9330 (Enclose Copy of Aadhar Card)
- PAN No. CQOP52073R (Enclose Copy of PAN Card)
- Bank Account No. 712210310002297
- Name and Branch of Bank BANK OF INDIA, SECTOR-63, NOIDA
- IFSC Code BKID0007122 (BKID0007122)
- Honorarium

S.No.	Date	Time	Topic	Honorarium
1	19.8.2020	7-8 PM	Python practice ad concepts	5000
2	20.8.2020	7-8 PM	overview of Object oriented program	5000
	21.8.2020	7-8	practical approach for object oriented	5000
	22.8.2020	7-8	summary Object oriented program	5000
3.	23.08.2020	7-8	Advance Python Library: matplotlib	5000
4.	24.08.2020	7-8	Python project	5000
5.	25.08.2020	7-8	Python project	5000
				<u>35,000/-</u>

12. Postal Charges (attach the original receipt) _____

Total Amount claimed (11+12) ₹ 35000/- (In words) ₹ Thirty five Thousand Rupees

Certify that the above mentioned details are correct

Harendra Sharma
Signature (Expert Signature)

RECEIPT

I have received the amount ₹ 35,000/- (In words) Thirty five Thousand Rupees

Signature (expert signature) Harendra Sharma Date 27/8/2020

Note: Expert has to send the duly signed filled form to the host Institute Coordinator. Expert has to sign at abovementioned two places.

Institute/Event Coordinator Certificate

The expert lecture details are verified and payment may be made as per the TEQIP-III Norms.

Signature of Head of Institute (with seal)

Signature of RTU Event Coordinator

PRINCIPAL
Swami Keshvanand Institute of
Technology, Management & Gramothan
Ramnagar (Jagatpura), JAIPUR-302017

Honorarium Applied by Mr. Harendra Sharma (35,000)

Rajasthan Technical University

Rawatbhata Road, Akelgarh, Kota-324010

Honarium bill for ONLINE Events

TEQIP-III, RTU (ATU)

1. Name (In Block Letters) RAMENDRA KUMAR Mob. No. 9871353642
2. Fathers Name Govind Lal Karna
3. Date of Birth 1985 Nov-14th
4. Designation & Affiliation M.L. Consultant, TGISANE Pvt. Ltd.
5. Address Hans Enclave 192/7, Gurgaon - 33 Haryana
6. Aadhar No. 951265713731 (Enclose Copy of Aadhar Card)
7. PAN No. IKIPK3716B (Enclose Copy of PAN Card)
8. Bank Account No. 38413200909
9. Name and Branch of Bank SBI; IIT Hauz khas Delhi
10. IFSC Code SBIN0001077
11. Honorarium

S.No.	Date	Time	Topic	Honorarium
1	11.8.2020 12.8.2020 13.8.2020	4:00 to 5:15 4:00 to 5:15 4:00 to 5:15	Basic Machine Learning Classification Theory & Regression Models Discussion on Data Analysis Part: Pandas	3000/- 3000/- 3000/-
2	14.8.2020 15.8.2020 16.8.2020	4:00 to 5:15 4:00 to 5:15 4:00 to 5:15	Regression Theory & Data Analysis Part: Pandas Library for the process of Cross Validation & Regression. Optimization	3000/- 3000/- 3000/-
3	17.8.2020 18.8.2020 19.8.2020	4:00 to 5:15 4:00 to 5:15 4:00 to 5:15	Logistic Regression through Scikit-learn Naive Bayes Model through Scikit-learn KNN Model through Scikit-learn	3000/- 3000/- 3000/-
4	20.8.2020 21.8.2020 22.8.2020	4:00 to 5:15 4:00 to 5:15 4:00 to 5:15	SVM Model through Scikit-learn DT Model through Scikit-learn L-PCAAN Classification through Scikit-learn	3000/- 3000/- 3000/-
5	23.8.2020 24.8.2020 25.8.2020	4:00 to 5:15 4:00 to 5:15 4:00 to 5:15	ANN Model through Scikit-learn Advanced Python Programming Advanced Python Library: Numpy	3000/- 3000/- 3000/-

12. Postal Charges (attach the original receipt) _____

Total Amount claimed (11+12) ₹ 75,000/- (In words) ₹ Seventy five thousand only/-

Certify that the above mentioned details are correct

[Signature]
Signature (Expert Signature)

RECEIPT

I have received the amount ₹ 75,000/- (In words) Seventy five thousand only/-.

Signature (expert signature) [Signature] Date _____

Note: Expert has to send the duly signed filled form to the host Institute Coordinator. Expert has to sign at abovementioned two places.

Institute/Event Coordinator Certificate

The expert lecture details are verified and payment may be made as per the TEQIP-III Norms.

Signature of Head of Institute (with seal)

PRINCIPAL

Swami Keshvanand Institute of
Technology, Management & Gramathan
Ramnagar (Jagatpura), JAIPUR-302017

Signature of RTU Event Coordinator

Honorarium Applied by Mr. Ramendra Kumar (75,000)
Honorarium Applied by Mr. Ankit Jain was submitted (40,000)

11. Workshop Schedule:-



RTU(ATU) TEQIP III Sponsored Student Workshop
On

Data Science and Analytics
11th August - 25th August, 2020



Venue: Department of CSE & IT, SKIT, Jaipur (Online Mode)

11.00-11.30 AM		Chief Guest: Hon'ble Vice-Chancellor, RTU, Kota Guest of Honours: Prof. Dharendra Mathur, RTU (ATU) TEQIP-III Coordinator Prof S.K. Calla, USA Dr Harish Sharma, RTU Event Coordinator		
Workshop Schedule				
Time	Topic to be covered	Name of Expert	Post & Affiliation of expert	
Day 1 Inauguration (11.08.2020)	11.30 AM-12.30 PM	Overview of Python	Mr. Ankit Jain	Senior Software Developer, Smiths Detection Systems Private Limited, Bangalore
	4.00 PM – 5.15 PM	Basics of Machine Learning	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.30 PM – 7.00 PM	Introduction to Workshop	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
Day 2 (12.08.2020)	4.00 PM- 5.15 PM	Regression Theory	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	Mathematics for AI & Machine Learning: Linear Algebra	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Python Data Type	Mr. Ankit Jain	Senior Software Developer, Smiths Detection Systems Private Limited, Bangalore
Day 3 (13.08.2020)	4.00 PM- 5.15 PM	Classification Theory	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	Mathematics for AI & Machine Learning: Calculus	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Practical approach for Conditional Statement	Mr. Ankit Jain	Senior Software Developer, Smiths Detection Systems Private Limited, Bangalore
Day 4 (14.08.2020)	4.00 PM- 5.15 PM	Discussion on Data Analysis Tool: Pandas	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	Optimization Technique	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Looping in Python	Mr. Ankit Jain	Senior Software Developer, Smiths Detection Systems Private Limited, Bangalore
Day 5 (15.08.2020)	4.00 PM- 5.15 PM	Library for pre-processing, cross-validation and visualization algorithms: Scikit-Learn	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	Optimization Technique	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Complex Looping Problem	Mr. Ankit Jain	Senior Software Developer, Smiths Detection Systems Private Limited, Bangalore
Day 6 (16.08.2020)	4.00 PM- 5.15 PM	Regression Explanation	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	Introduction to Natural Language Processing	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Python Function	Mr. Ankit Jain	Senior Software Developer, Smiths Detection Systems Private Limited, Bangalore
Day 7 (17.08.2020)	4.00 PM- 5.15 PM	Logistic Regression through Scikit-Learn	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	Practical Problem in Natural Language Processing	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Python Recursion	Mr. Ankit Jain	Senior Software Developer, Smiths Detection Systems Private Limited, Bangalore
Day 8 (18.08.2020)	4.00 PM- 5.15 PM	Naive Bayes Model through Scikit-Learn	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	Introduction to Keras (High Level API for AI)	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Python Lambda Function	Mr. Ankit Jain	Full Stack Website Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida
Day 9 (19.08.2020)	4.00 PM- 5.15 PM	KNN Model through Scikit-Learn	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	LSTM (All model for Time Series Data)	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Python Doubts and Practice	Mr. Harendra Sharma	Full Stack Website Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida
Day 10 (20.08.2020)	4.00 PM- 5.15 PM	SVM Model through scikit-learn	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM – 6.30 PM	Text Mining through LSTM (NLP Practical Problem)	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM – 8.00 PM	Overview of Object-oriented programming	Mr. Harendra Sharma	Full Stack Website Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida

Day 11 (21.08.2020)	4.00 PM- 5.15 PM	DT Model through Scikit-Learn	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM-6.30 PM	Text Mining through LSTM 2	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM-8.00 PM	Practical approach for Object-oriented programming	Mr. Harendra Sharma	Full Stack Website Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida
Day 12 (22.08.2020)	4.00 PM- 5.15 PM	K-MEAN Clustering through Scikit-Learn	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM-6.30 PM	Sentiment Analysis	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM-8.00 PM	Summary of Object-oriented programming	Mr. Harendra Sharma	Full Stack Website Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida
Day 13 (23.08.2020)	4.00 PM- 5.15 PM	ARM Model through Scikit-Learn	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM-6.30 PM	Practical Problem in NLP USING Keras High Level API	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM-8.00 PM	Advanced Python Library: matplotlib	Mr. Harendra Sharma	Full Stack Website Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida
Day 14 (24.08.2020)	4.00 PM- 5.15 PM	Advanced Python Programming	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM-6.30 PM	Practical Problem in NLP USING Keras High Level API	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM-8.00 PM	Project	Mr. Harendra Sharma	Full Stack Website Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida
Day 15 (25.08.2020)	4.00 PM- 5.15 PM	Advanced Python Library: Numpy	Mr. Ramendra Kumar	ML Consultant, TGSane Technologies, Jaipur
	5.15 PM-6.30 PM	Discussions on Text Mining	Mr. Atma Kumar Rai	Data Scientist, ADTECH Corp, Hyderabad
	7.00 PM-8.00 PM	Project	Mr. Harendra Sharma	Full Stack Website Developer, ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida

Dr Harish Sharma	Mr. Kailash Soni & Ms. Sanju Choudhary	Dr Ramesh Pachar
RTU Workshop Coordinator	Host Institute Work Shop Coordinators	Head of the Institute

12. Workshop Brochure:-

<p>CHIEF PATRON Prof. R. A. Gupta Honorable Vice-Chancellor, RTU</p> <p>PATRON Shri Raja Ram Meel, Patron, SKIT Shri Surja Ram Meel, Chairman, SKIT</p> <p>ADVISORS Shri Jaipal Meel, Director, SKIT Dr. S.L. Surana, Director (Academics), SKIT Mrs. Rachna Meel, Registrar, SKIT Dr. Ramesh Kumar Pachar, Principal, SKIT Dr. Anil Chaudhary, HOD (IT), SKIT Dr. Mukesh Kumar Gupta, HOD (CS), SKIT</p> <p>RTU (ATU) TEQIP-III COORDINATOR Dr. Dharendra Mathur</p> <p>RTU EVENT COORDINATOR Dr. Harish Sharma (Nodal officer)</p> <p>HOST INSTITUTE COORDINATOR Mr. Kailash Soni, Assistant Professor Ms. Sanju Choudhary, Associate Professor</p> <p>RTU (ATU) TEQIP-III COMMITTEE Prof. D.K. Sambariya (Nodal Officer Procur) 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)</p> <p>ORGANIZING COMMITTEE Department of CSE & IT, SKIT, Jaipur</p>	<p>REGISTRATION FORM</p> <p>To join this workshop, you are requested to register your name by clicking the following registration link / QR code: https://erp.skit.ac.in/register/swdsa</p>  <p>Note:</p> <ul style="list-style-type: none"> ✓ The workshop will be conducted through online platform. ✓ The registration for the workshop is on first cum first serve 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. <p>CONTACT US</p> <p>Mr. Kailash Soni Assistant Professor, Department of CSE, Mobile: 9460066186 Email: kailash.soni@skit.ac.in</p> <p>Ms. Sanju Choudhary Associate Professor, Department of IT, Mobile: 9983918945 Email: sanju@skit.ac.in</p>	 <p>TEQIP-III RTU(ATU) Sponsored Student Workshop on “Data Science & Analytics” 11th -25th August 2020</p>  <p>Organized by Rajasthan Technical University, Kota & Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur</p>  <p>Host Institute Department of Computer Sc. & Engg and IT Swami Keshvanand Institute of Technology, Management & Gramothan, Ramnagaria, Jagatpura, Jaipur – 302017 web: www.skit.ac.in</p>
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<p>ABOUT TEQIP-III</p> <p>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 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.</p> <p>Rajasthan Technical University, KOTA</p> <p>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.</p> <p>ABOUT SKIT</p> <p>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</p>	<p>value of discipline. The various undergraduate programmes of the institute are accredited by the National Board of Accreditation (NBA).</p> <p>DEPARTMENT OF CSE AND IT</p> <p>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.</p> <p>OBJECTIVE OF THE WORKSHOP</p> <ul style="list-style-type: none"> ➤ To understand the concepts of data science and analytics. ➤ To provide an exposure of basic and advance python programming. ➤ To provide hands-on-experience of best practices for data processing through various case studies. ➤ To provide hands-on learning with Scikit-Learn and Data Analysis Library. <p>CONTENT OF THE WORKSHOP</p> <ul style="list-style-type: none"> ➤ Introduction to Data Science and Analytics. ➤ Understand the Regression and Classification Theory. ➤ Hands-On Sessions on Python Programming. ➤ Perform Text-Mining through various Machine Learning Classifiers. ➤ Practical Session on Scikit-Learn Libraries. 	<ul style="list-style-type: none"> ➤ Practical Sessions on Advanced Python (Matplotlib, Pandas and Numpy) Library. ➤ Hands on Sessions for developing Minor Projects. <p>WORKSHOP SCHEDULE</p> <table border="1"> <thead> <tr> <th></th> <th>11.00 AM -11.30 AM</th> <th>Inaugural Session</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Day 1 (11.08.2020)</td> <td>11.30 AM-12.30 PM</td> <td>Session 1</td> </tr> <tr> <td>4.00 PM – 5.15 PM</td> <td>Session 2</td> </tr> <tr> <td>5.30 PM – 7.00 PM</td> <td>Session 3</td> </tr> <tr> <td rowspan="3">Day 2 - Day 15 (12.08.2020-25.08.2020) (including Sundays)</td> <td>4.00 PM- 5.15 PM</td> <td>Session 1</td> </tr> <tr> <td>5.15 PM – 6.30 PM</td> <td>Session 2</td> </tr> <tr> <td>7.00 PM – 8.00 PM</td> <td>Session 3</td> </tr> </tbody> </table> <p>Note: - Detailed workshop schedule is available in separate sheet.</p> <p>RESOURCE PERSON</p> <p>The various sessions of workshop will be taken by experts from software industries.</p> <p>REGISTRATION FEE</p> <p>There is no registration fee for students of RTU and BTU Affiliated Institutes.</p> <p>ELIGIBILITY OF PARTICIPANT</p> <p>The workshop is interdisciplinary and it is open for all the students engaged in Engineering and Science disciplines.</p> 		11.00 AM -11.30 AM	Inaugural Session	Day 1 (11.08.2020)	11.30 AM-12.30 PM	Session 1	4.00 PM – 5.15 PM	Session 2	5.30 PM – 7.00 PM	Session 3	Day 2 - Day 15 (12.08.2020-25.08.2020) (including Sundays)	4.00 PM- 5.15 PM	Session 1	5.15 PM – 6.30 PM	Session 2	7.00 PM – 8.00 PM	Session 3
	11.00 AM -11.30 AM	Inaugural Session																	
Day 1 (11.08.2020)	11.30 AM-12.30 PM	Session 1																	
	4.00 PM – 5.15 PM	Session 2																	
	5.30 PM – 7.00 PM	Session 3																	
Day 2 - Day 15 (12.08.2020-25.08.2020) (including Sundays)	4.00 PM- 5.15 PM	Session 1																	
	5.15 PM – 6.30 PM	Session 2																	
	7.00 PM – 8.00 PM	Session 3																	

13. Inauguration Invitation:-



**TEQIP-III RTU (ATU) Sponsored Student Workshop on
“Data Science & Analytics”
August 11th -25th, 2020
Invitation for
INAUGURAL CEREMONY
(August 11, 2020 at 11:00 AM ONWARD)**

We are pleased to inform you that The Department of Computer Science and Engineering and Information Technology of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur under the aegis of Rajasthan Technical University, Kota are going to organize a TEQIP-III RTU (ATU) sponsored student workshop on “Data Science & Analytics” from 11/08/2020 to 25/08/2020. The Inaugural ceremony of the event is scheduled on August 11th, 2020 at 11:00am.

Guests of the Programme
Chief Guest
Prof. R. A. Gupta, Hon’ble Vice-Chancellor, RTU, Kota
Guest of Honor
Dr. Dharendra Mathur, RTU (ATU) TEQIP-III Coordinator
Prof. Sudhir Calla, CMD (SPICESC), Ex. CMD(RRVUNL)

We invite you to grace the event with your benign presence during the Inaugural Ceremony by clicking the following link / QR code:

<https://bit.ly/2PES9IC>
(Password is “1234”)



You are requested to please join the event 15 minutes before the scheduled time (i.e. at 10:45 am)

Host Institute Event Coordinator <i>Mr. Kailash Soni, Assistant Professor</i> <i>Ms. Sanju Choudhary, Associate Professor</i>	RTU Event Coordinator <i>Dr. Harish Sharma</i>
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Please spare some time to grace the event.

14. Minutes to Minutes Program of Inauguration:-



TEQIP-III RTU (ATU) Sponsored Student Workshop
on
“Data Science & Analytics”
August 11th -25th, 2020

INAUGURAL CEREMONY

(August 11, 2020 at 11:00 AM ONWARD)
Minute to Minute Programme

Event Description	Duration
<i>Introduction to Event</i>	1 Minute
<i>Welcome Address</i> by <i>Shri Jaipal Meel, Director, SKIT</i>	3 Minutes
<i>About the Workshop</i> by <i>Mr. Kailash Soni, Host Institute Event Coordinator,</i> <i>Assistant Prof., Dept of CSE, SKIT</i>	2 Minutes
<i>About the TEQIP-III RTU (ATU)</i> by <i>Dr. Harish Sharma RTU Event Coordinator</i>	2 Minutes
<i>Motivational Speech</i> by <i>Dr. Dharendra Mathur, RTU (ATU) TEQIP-III Coordinator</i>	5 Minutes
<i>Motivational Speech</i> by <i>Prof. Sudhir Calla, CMD (SPICESC), Ex. CMD(RRVUNL)</i>	3 Minutes
<i>Words of Wisdom</i> by <i>Prof. R. A. Gupta, Hon'ble Vice-Chancellor, RTU, Kota</i>	10 Minutes
<i>Vote of Thanks</i> by <i>Dr. Mukesh Kumar Gupta, Head of CSE Deptt., SKIT</i>	3 Minutes
<i>Group Photo</i>	1 Minute

15. Inauguration Banner:-

The banner features a blue background with white and yellow text. On the left is the RTU logo, and on the right is the SKIT logo. The central text reads: 'TEQIP-III RTU (ATU) Sponsored Student Workshop on "Data Science & Analytics" (August 11th -25th, 2020) INAUGURATED By Chief Guest Prof. R. A. Gupta, Hon'ble Vice-Chancellor, RTU, Kota And Guest of Honor Dr. Dhirendra Mathur, RTU (ATU) TEQIP-III Coordinator Prof. Sudhir Calla, CMD (SPICESC), Ex. CMD(RRVUNL)'. At the bottom, it lists the Host Institute Event Coordinator (Mr. Kailash Soni, Ms. Sanju Choudhary) and the RTU Event Coordinator (Dr. Harish Sharma).

TEQIP-III RTU (ATU) Sponsored Student Workshop on
“Data Science & Analytics”
(August 11th -25th, 2020)
INAUGURATED
By Chief Guest
Prof. R. A. Gupta, Hon'ble Vice-Chancellor, RTU, Kota
And Guest of Honor
Dr. Dhirendra Mathur, RTU (ATU) TEQIP-III Coordinator
Prof. Sudhir Calla, CMD (SPICESC), Ex. CMD(RRVUNL)

Host Institute Event Coordinator
Mr. Kailash Soni, Assistant Professor
Ms. Sanju Choudhary, Associate Professor

RTU Event Coordinator
Dr. Harish Sharma

Inauguration by Prof. R.A. Gupta Ji, Hon'ble VC-RTU, Kota

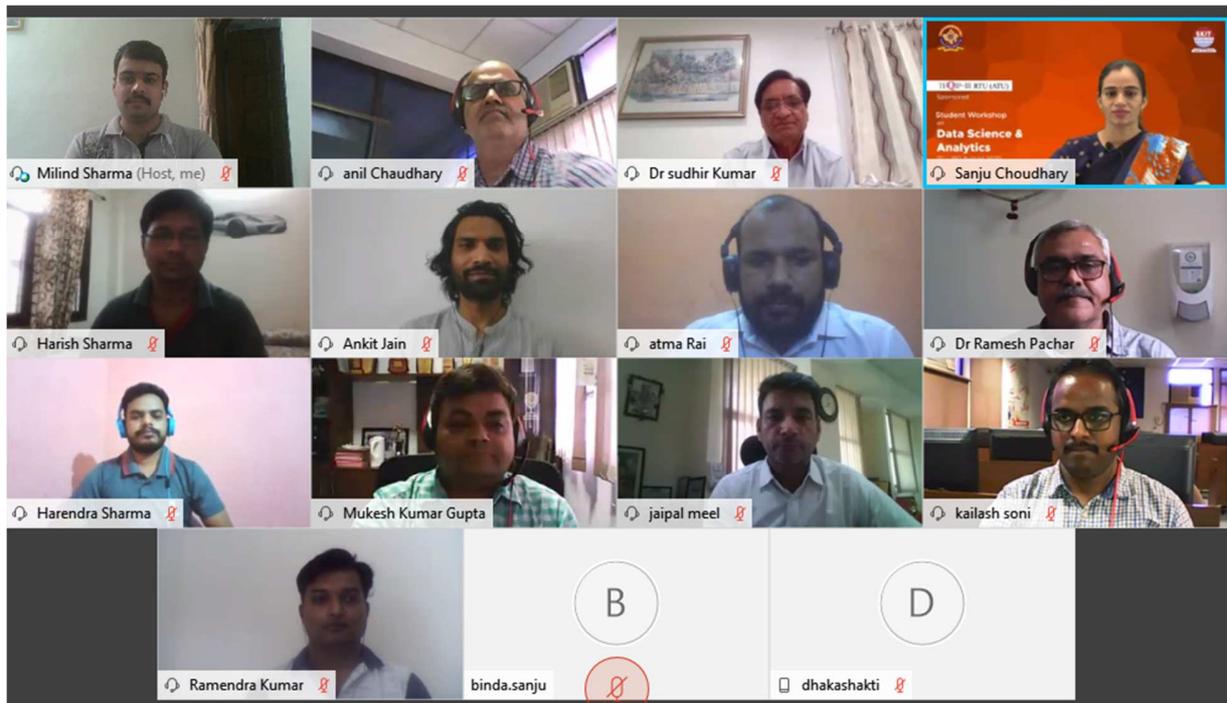
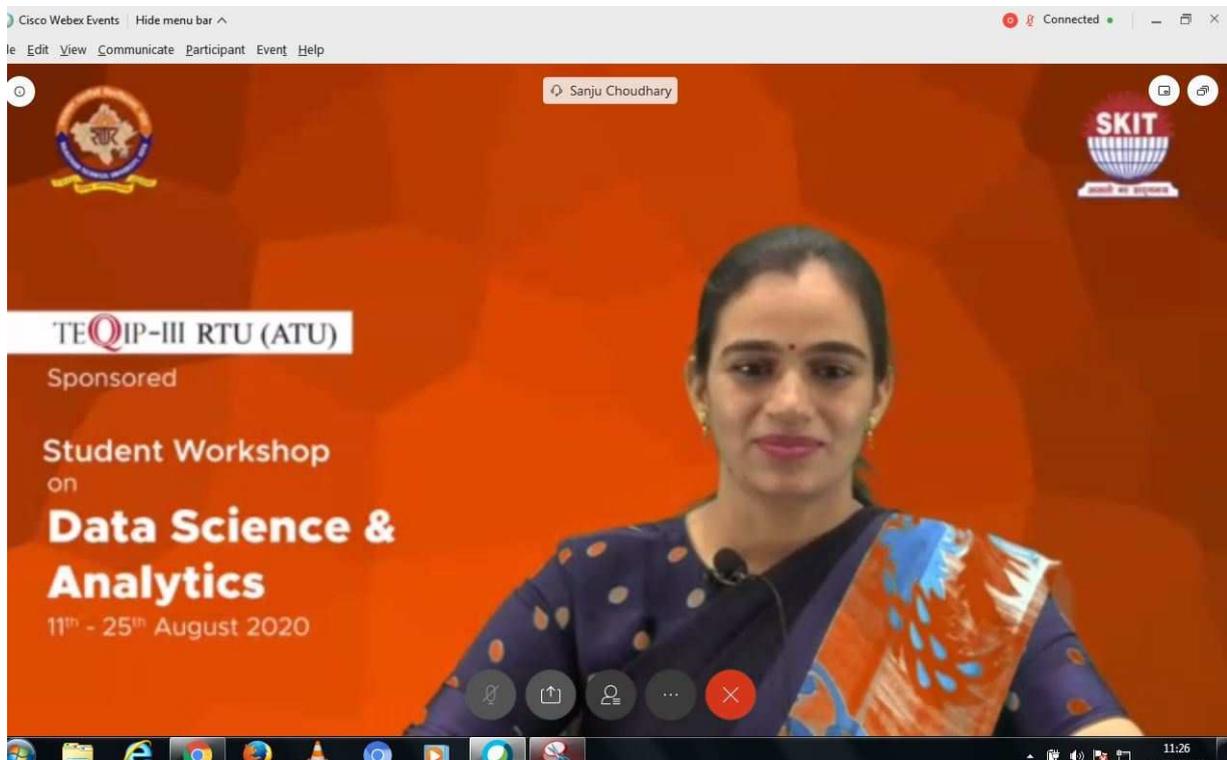
The banner has an orange background with a geometric pattern. It features the RTU and SKIT logos at the top. The text reads: 'TEQIP-III RTU (ATU) Sponsored Student Workshop on Data Science & Analytics Workshop 11th - 25th August 2020'.

TEQIP-III RTU (ATU)
Sponsored
Student Workshop
on
**Data Science &
Analytics
Workshop**
11th - 25th August 2020

Studio Banner for the Workshop Inauguration

16. Glimpses of the Inauguration Ceremony:-



17. News of the Inauguration Ceremony:-

डेटा साइंस पर 15 दिवसीय वर्कशॉप शुरू

डेली न्यूज, mix रिपोर्टर, जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में मंगलवार से टीईक्यूआईपी - आरटीयू के सहयोग से डेटा साइंस व एनालिटिक्स पर 15 दिवसीय स्टूडेंट्स वर्कशॉप की शुरुआत हुई। ऑनलाइन प्लेटफॉर्म पर शुरू हुई इस वर्कशॉप में बतौर मुख्य अतिथि आरटीयू के वाईस चांसलर प्रो. आर.ए. गुप्ता ने इसकी विधिवत् शुरुआत की। उन्होंने अपने संबोधन में वर्तमान समय में आईटी तथा डेटा साइंस की उपयोगिता के बारे में बताया। कार्यक्रम में मुख्य अतिथि के रूप में आरटीयू टीईक्यूआईपी कोर्डीनेटर धीरेन्द्र माथुर और प्रो. सुधीर कल्ला ने भी स्टूडेंट्स को संबोधित किया तथा इस वर्कशॉप की उपयोगिता के बारे में जानकारी दी। कॉलेज के निदेशक जयपाल मील ने आने वाले समय में डेटा साइंस को सबसे उपयोगी टूल बताया तथा इंडस्ट्री में इसकी डिमांड नियमित रूप से ग्लोबल लेवल पर बढ़ने की बात भी



15 दिन तक होगा मंथन

संस्था के कैलाश सोनी ने बताया कि इस वर्कशॉप के दौरान डेटा साइंस तथा एनालिसिस पर 15 दिन तक विभिन्न सत्रों में एक्सपर्ट मंथन करेंगे। इसमें ग्लोबल लेवल पर डेटा साइंस के विभिन्न मायनों का अध्ययन तथा तथ्यात्मक रिपोर्ट एक्सपर्ट प्रस्तुत करेंगे। इसके साथ ही विभिन्न इंडस्ट्रीज में इसकी बढ़ती उपयोगिता तथा अपग्रेडेशन को लेकर भी एक्सपर्ट अपने विचार रखेंगे।

कही। इस मौके पर कॉलेज के प्रिंसिपल डॉक्टर रमेश पचार तथा सीएसई डिपार्टमेंट के एचओडी डॉ. मुकेश

कुमार गुप्ता ने किया। आईटी डिपार्टमेंट के एसोसिएट प्रोफेसर संजू चैधरी ने कार्यक्रम का संयोजन किया।

डेटा साइंस पर 15 दिवसीय वर्कशॉप शुरू

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में मंगलवार से टेक्यूइप-3 आरटीयू (एटीयू) के सहयोग से डेटा साइंस व एनालिटिक्स पर 15 दिवसीय स्टूडेंट्स वर्कशॉप की शुरुआत हुई। ऑनलाइन प्लेटफॉर्म पर शुरू हुई इस वर्कशॉप में बतौर मुख्य अतिथि आरटीयू के वाईस चांसलर प्रो. आर.ए. गुप्ता ने इसकी विधिवत् शुरुआत की। उन्होंने अपने संबोधन में वर्तमान समय में आईटी तथा डेटा साइंस की उपयोगिता के बारे में बताया। कार्यक्रम में मुख्य अतिथि के रूप में आरटीयू टीईक्यूआईपी कोर्डीनेटर धीरेन्द्र माथुर और प्रो सुधीर कल्ला ने भी स्टूडेंट्स को संबोधित किया तथा इस वर्कशॉप की उपयोगिता के बारे में जानकारी दी। कॉलेज के निदेशक जयपाल मील ने आने वाले समय में डेटा साइंस को सबसे उपयोगी टूल बताया तथा इंडस्ट्री में इसकी डिमांड नियमित रूप से ग्लोबल लेवल पर बढ़ने की बात भी कही। इस मौके पर कॉलेज के प्रिंसिपल डॉ. रमेश पचार तथा सीएसई डिपार्टमेंट के एचओडी डॉ. मुकेश कुमार गुप्ता ने किया। आईटी डिपार्टमेंट के एसोसिएट प्रोफेसर संजू चैधरी ने कार्यक्रम का संयोजन किया।

डेटा साइंस पर 15 दिवसीय वर्कशॉप शुरू

■ संजीवनी टुडे

जयपुर। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में मंगलवार से टेक्यूइप-3 आरटीयू (एटीयू) के सहयोग से डेटा साइंस व एनालिटिक्स पर 15 दिवसीय स्टूडेंट्स वर्कशॉप की शुरुआत हुई। ऑनलाइन प्लेटफॉर्म पर शुरू हुई इस वर्कशॉप में बतौर मुख्य अतिथि आरटीयू के वाईस चांसलर प्रो आर ए गुप्ता ने इसकी विधिवत् शुरुआत की। उन्होंने अपने संबोधन में वर्तमान समय में आईटी तथा डेटा साइंस की उपयोगिता के बारे में बताया। कार्यक्रम में मुख्य अतिथि के रूप में आरटीयू टीईक्यूआईपी कोर्डीनेटर धीरेन्द्र माथुर और प्रो सुधीर कल्ला ने भी स्टूडेंट्स को संबोधित किया तथा इस वर्कशॉप की उपयोगिता के बारे में जानकारी दी। कॉलेज के निदेशक जयपाल मील ने आने वाले समय में डेटा साइंस को सबसे उपयोगी

टूल बताया तथा इंडस्ट्री में इसकी डिमांड नियमित रूप से ग्लोबल लेवल पर बढ़ने की बात भी कही। इस मौके पर कॉलेज के प्रिंसिपल डॉ रमेश पचार तथा सीएसई डिपार्टमेंट के एचओडी डॉ मुकेश कुमार गुप्ता ने किया। आईटी डिपार्टमेंट के एसोसिएट प्रोफेसर संजू चैधरी ने कार्यक्रम का संयोजन किया।

15 दिन तक होगा मंथन

इस वर्कशॉप के दौरान डेटा साइंस तथा एनालिसिस पर 15 दिन तक विभिन्न सत्रों में एक्सपर्ट मंथन करेंगे। इसमें ग्लोबल लेवल पर डेटा साइंस के विभिन्न मायनों का अध्ययन तथा तथ्यात्मक रिपोर्ट एक्सपर्ट प्रस्तुत करेंगे। इसके साथ ही विभिन्न इंडस्ट्रीज में इसकी बढ़ती उपयोगिता तथा अपग्रेडेशन को लेकर भी एक्सपर्ट अपने विचार रखेंगे।



डेटा साइंस पर 15 दिवसीय वर्कशॉप शुरू

जयपुर (का.सं.)। स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी में मंगलवार से टेक्नूइप-3 आरटीयू (एटीयू) के सहयोग से डेटा साइंस व एनालिटिक्स पर 15 दिवसीय स्टूडेंट्स वर्कशॉप की शुरुआत हुई। ऑनलाईन प्लेटफॉर्म पर शुरू हुई इस वर्कशॉप में बतौर मुख्य अतिथि आरटीयू के वाईस चांसलर प्रो आर ए गुप्ता ने इसकी विधिवत शुरुआत की। उन्होंने वर्तमान समय में आईटी तथा डेटा साइंस की उपयोगिता के बारे में बताया।

मुख्य अतिथि के रूप में आरटीयू टीईक्यूआईपी कोर्डिनेटर धीरेन्द्र माथुर और प्रो सुधीर कल्ला ने भी स्टूडेंट्स को संबोधित किया तथा इस वर्कशॉप की उपयोगिता के बारे में जानकारी दी। कॉलेज के निदेशक जयपाल मील ने आने वाले समय में डेटा साइंस को सबसे उपयोगी टूल बताया तथा

इंडस्ट्री में इसकी डिमांड नियमित रूप से ग्लोबल लेवल पर बढ़ने की बात भी कही। इस मौके पर कॉलेज के प्रिंसिपल डॉ रमेश पचार तथा सीएसई डिपार्टमेंट के एचओडी डॉ मुकेश कुमार गुप्ता ने किया। आईटी डिपार्टमेंट के एसोसिएट प्रोफेसर संजू चैधरी ने कार्यक्रम का संयोजन किया।

15 दिन तक होगा मंथन

कैलाश सोनी ने बताया कि इस वर्कशॉप के दौरान डेटा साइंस तथा एनालिसिस पर 15 दिन तक विभिन्न सत्रों में एक्सपर्ट मंथन करेंगे। इसमें ग्लोबल लेवल पर डेटा साइंस के विभिन्न मायनों का अध्ययन तथा तथ्यात्मक रिपोर्ट एक्सपर्ट प्रस्तुत करेंगे। इसके साथ ही विभिन्न इंडस्ट्रीज में इसकी बढ़ती उपयोगिता तथा अपग्रेडेशन को लेकर भी एक्सपर्ट अपने विचार रखेंगे।

18. Day to Day Execution of the Workshop:-

Day 1 Inauguration (11.08.2020)	11.00-11.30 AM	Chief Guest: Hon'ble Vice-Chancellor, RTU, Kota Guest of Honours: Prof. Dharendra Mathur, RTU (ATU) TEQIP-III Coordinator Prof S.K. Calla, USA Dr Harish Sharma, RTU Event Coordinator	
	Workshop Schedule		
	Time	Topic to be covered	Name of Expert
	11.30 AM-12.30 PM	Overview of Python	Mr. Ankit Jain
	4.00 PM – 5.15 PM	Basics of Machine Learning	Mr. Ramendra Kumar
5.30 PM – 7.00 PM	Introduction to Workshop	Mr. Atma Kumar Rai	
Day 2 (12.08.2020)	4.00 PM- 5.15 PM	Regression Theory	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Mathematics for AI & Machine Learning: Linear Algebra	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Python Data Type	Mr. Ankit Jain
Day 3 (13.08.2020)	4.00 PM- 5.15 PM	Classification Theory	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Mathematics for AI & Machine Learning: Calculus	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Practical approach for Conditional Statement	Mr. Ankit Jain
Day 4 (14.08.2020)	4.00 PM- 5.15 PM	Discussion on Data Analysis Tool: Pandas	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Optimization Technique	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Looping in Python	Mr. Ankit Jain
Day 5 (15.08.2020)	4.00 PM- 5.15 PM	Library for pre-processing, cross-validation and visualization algorithms: Scikit-Learn	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Optimization Technique	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Complex Looping Problem	Mr. Ankit Jain
Day 6 (16.08.2020)	4.00 PM- 5.15 PM	Regression Explanation	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Introduction to Natural Language Processing	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Python Function	Mr. Ankit Jain
Day 7 (17.08.2020)	4.00 PM- 5.15 PM	Logistic Regression through Scikit-Learn	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Practical Problem in Natural Language Processing	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Python Recursion	Mr. Ankit Jain

Day 8 (18.08.2020)	4.00 PM- 5.15 PM	Naïve Bayes Model through Scikit-Learn	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Introductio to Keras (High Level API for AI)	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Python Lambda Function	Mr. Ankit Jain
Day 9 (19.08.2020)	4.00 PM- 5.15 PM	KNN Model through Scikit-Learn	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	LSTM (All model for Time Series Data)	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Python Doubts and Practice	Mr. Harendra Sharma
Day 10 (20.08.2020)	4.00 PM- 5.15 PM	SVM Model through scikit-learn	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Text Mining through LSTM (NLP Practical Problem)	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	OverView of Object-oriented programming	Mr. Harendra Sharma
Day 11 (21.08.2020)	4.00 PM- 5.15 PM	DT Model through Scikit-Learn	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Text Mining through LSTM 2	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Practical approach for Object-oriented programming	Mr. Harendra Sharma
Day 12 (22.08.2020)	4.00 PM- 5.15 PM	K-MEAN Clustering through Scikit-Learn	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Sentiment Analysis	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Summary of Object-oriented programming	Mr. Harendra Sharma
Day 13 (23.08.2020)	4.00 PM- 5.15 PM	ARM Model through Scikit-Learn	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Practical Problem in NLP USING Keras High Level API	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Advanced Python Library: matplotlib	Mr. Harendra Sharma
Day 14 (24.08.2020)	4.00 PM- 5.15 PM	Advanced Python Programming	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Practical Problem in NLP USING Keras High Level API	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Project	Mr. Harendra Sharma
Day 15 (25.08.2020)	4.00 PM- 5.15 PM	Advanced Python Library: Numpy	Mr. Ramendra Kumar
	5.15 PM –6.30 PM	Discussions on Text Mining	Mr. Atma Kumar Rai
	7.00 PM – 8.00 PM	Project	Mr. Harendra Sharma

19. Glimpses of the Workshop:-

The screenshot shows a Cisco Webex Events window with a title bar "Cisco Webex Events" and a menu bar "File Edit Share View Communicate Participant Event Help". The main content area displays a presentation slide titled "Viewing Ramendra Kumar's...". The slide contains a table with the following data:

Number of Data	Subject 1	Subject 2	Admits
0	34	78	0
1	30	43	0
2	35	72	0
3	60	86	1
4	79	75	1
5	45	56	0
6	61	96	1
7	75	46	1
8	76	87	1
9	84	43	1
10	95	38	0
11	75	30	0
12	82	76	1

Below the table are two scatter plots. The top plot, titled "Decision boundary", shows data points in a 2D space with axes ranging from -1 to 1.5. Points are colored black (y=1) and yellow (y=0), with a green decision boundary line. The bottom plot, titled "Visualization of Data", shows "Marks in second subject" on the y-axis (30 to 100) and "Marks in first subject" on the x-axis (30 to 70). It features black and red data points with a blue regression line and a red decision boundary.

The right sidebar shows "Participants (87)" with a search bar and a list of attendees including kailash soni, Ramendra Kumar, Ankit Jain, aditya kumar, and HEMANSH MATH... The bottom status bar shows "Activate Windows Go to Settings to activate Windows." and a system tray with the time 16:34 on 11-08-2020.

Workshop's Session

The screenshot shows a Cisco Webex Events window with a title bar "Cisco Webex Events" and a menu bar "File Edit Share View Communicate Participant Event Help". The main content area displays a presentation slide titled "Viewing Ramendra Kumar's...". The slide contains a Jupyter Notebook interface with the following code:

```

array([[4, 8],
       [5, 8]])

[23] A1*A2 # This is not matrix multiplication. This is a
array([[ 3, 20],
       [ 6, 71]])

[24] A1.dot(A2) ## This is matrix multiplication
array([[15, 43],
       [ 5, 17]])

[25] np.dot(A1,A2)
array([[15, 43],
       [ 5, 17]])

[26] A1
array([[3, 4],
       [2, 1]])

[27] from numpy.linalg import inv, det

[29] np.round(det(A1))
    
```

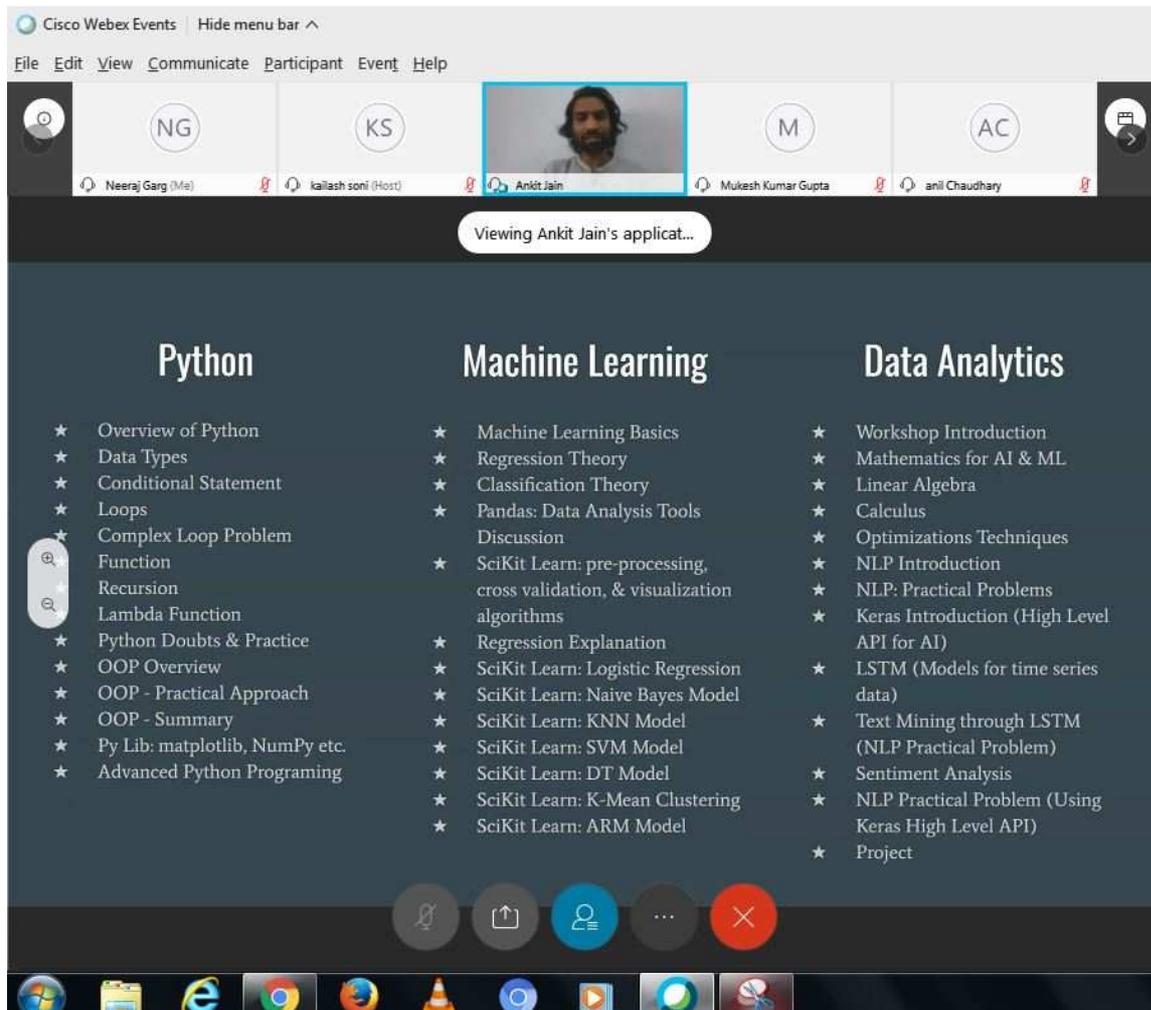
Below the code is a PDF document titled "Numpy_Save.pdf" showing "Matrix Multiplication" and "Matrix Division". The matrix multiplication part shows:

$$\begin{bmatrix} 3 & 4 \\ 2 & 1 \end{bmatrix} + \begin{bmatrix} 1 & 5 \\ 3 & 7 \end{bmatrix} = \begin{bmatrix} 3+12 & 15+28 \\ 2+3 & 10+7 \end{bmatrix}$$

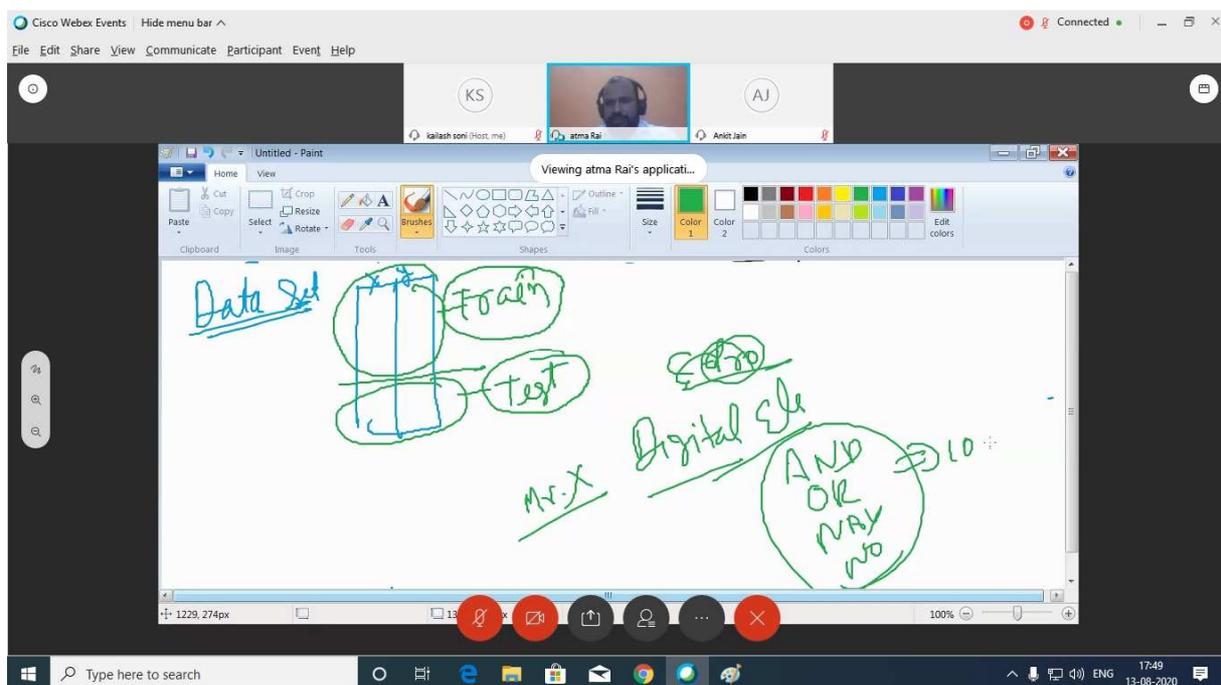
Matrix 1 \cdot Matrix 2 = $\begin{bmatrix} 15 & 43 \\ 5 & 17 \end{bmatrix}$ Resultant Matrix.

The right sidebar shows "Participants (87)" with a search bar and a list of attendees including kailash soni, Ramendra Kumar, Ankit Jain, and dr mukesh kumar gupta. The bottom status bar shows "Activate Windows Go to Settings to activate Windows." and a system tray with the time 16:36 on 12-08-2020.

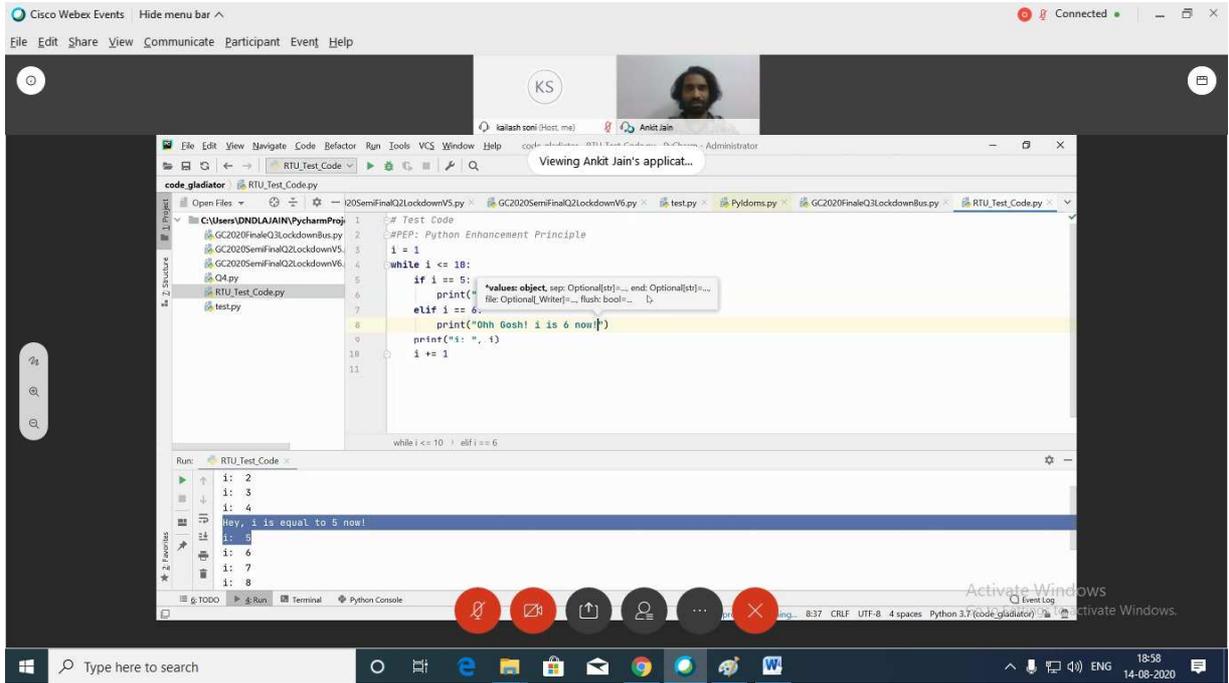
Workshop's Session



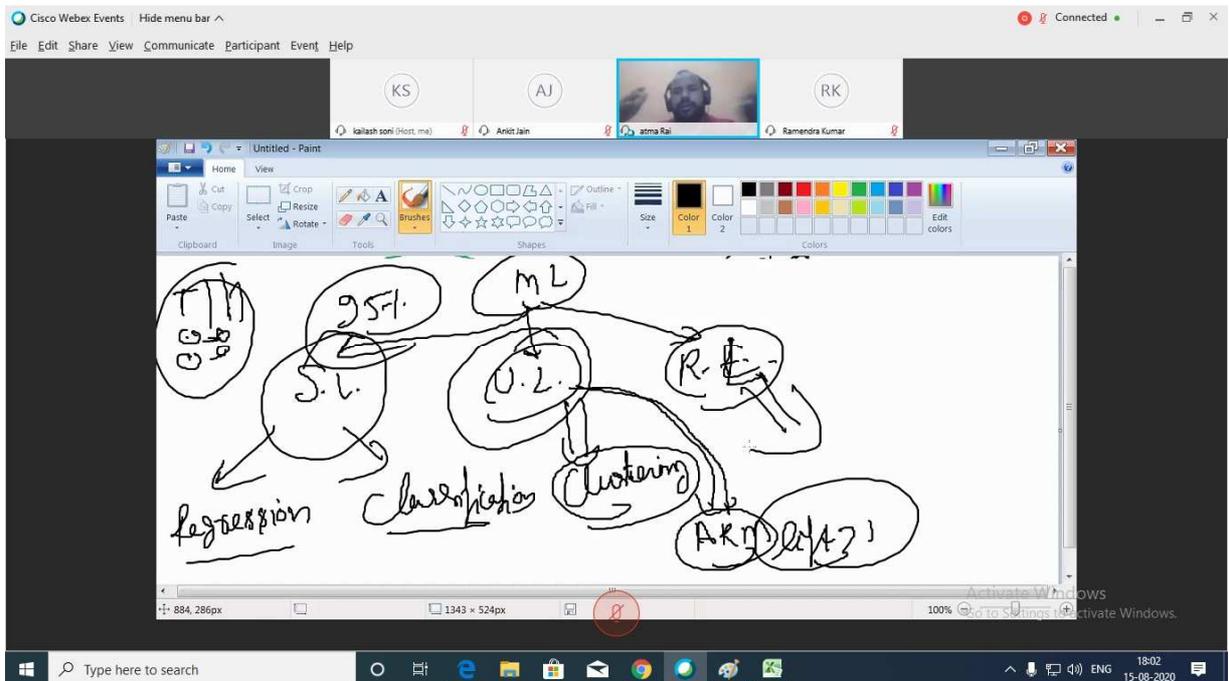
Workshop's Session



Workshop's Session



Workshop's Session



Workshop's Session

The screenshot shows a Cisco Webex meeting window. The main content is a Jupyter Notebook titled 'skit.ipynb' displaying a histogram. The code cell contains the following Python code:

```
plt.hist(data4,bins=4,color='g',edgecolor='r')
```

The output shows a histogram with four green bars and red outlines. The x-axis ranges from 0 to 200, and the y-axis ranges from 0 to 8. The bars are approximately at intervals [0, 50], [50, 100], [100, 150], and [150, 200].

At the bottom of the notebook, the following array is displayed:

```
(array([[14., 13., 13., 18.]],
       array([ 0., 24.75, 49.5, 74.25, 99. ]),
       a list of 4 Patch objects)
```

The meeting interface includes a top bar with 'Cisco Webex Events', a menu bar with 'File Edit Share View Communicate Participant Event Help', and a participant list at the top showing 'Kash soni (Host me)', 'Ramendra Kumar', and 'atma Rai'. The Windows taskbar at the bottom shows the time as 17:01 on 16-08-2020.

Workshop's Session

The screenshot shows a Cisco Webex meeting window. The main content is a Jupyter Notebook displaying a pie chart. The code cell contains the following Python code:

```
X_label=['X1','X2','X3','X4','X5']
y=[50,30,60,20,30]
exp=[0,0,0,1,0,0]
plt.pie(y,labels=X_label,explode=exp,shadow=True,[tstartangle=120])
plt.pie(y,labels=X_label,startangle=90)
plt.axis('equal')
plt.title('Pie chart')
```

The output shows a pie chart with five slices labeled X1, X2, X3, X4, and X5. The slices are colored blue, orange, green, red, and purple respectively. The chart is titled 'Pie chart'.

The meeting interface includes a top bar with 'Cisco Webex Events', a menu bar with 'File Edit Share View Communicate Participant Event Help', and a participant list at the top showing 'Kash soni (Host me)', 'Ramendra Kumar', and 'atma Rai'. The Windows taskbar at the bottom shows the time as 17:01 on 17-08-2020.

Workshop's Session

The screenshot shows a Jupyter Notebook interface within a Cisco Webex Events window. The notebook is titled 'skit' and shows the following code and output:

```
In [49]: Data2.head()
```

	fueltype	aspiration	doornumber	carbodry	drivewheel	engine	location	wheelbase	enginesize	fuelsystem	bore	ratio	st
ro	gas	std	two	convertible	rwd	front	88.6	...	130	mpfi	3.47		
ro	gas	std	two	convertible	rwd	front	88.6	...	130	mpfi	3.47		
ro	gas	std	two	hatchback	rwd	front	94.5	...	152	mpfi	2.68		
ls	gas	std	four	sedan	fwd	front	99.8	...	109	mpfi	3.19		
ls	gas	std	four	sedan	4wd	front	99.4	...	136	mpfi	3.19		

```
In [8]: Data2.isnull().sum()
```

```
Out[8]: car_ID      0
```

Workshop's Session

The screenshot shows a presentation slide titled 'DATA TYPES' with the following content:

DATA TYPES

Key features of Set.

- ✓ Each element in the set must be unique, immutable
- ✓ Sets are mutable which means we can modify it after its creation.
- ✓ we cannot directly access any element of the set by the index.
- ✓ Sets are mutable.

```
s = set()
s = {'a', 'b', 1, 5}
```

Python Set Operations

Intersection of two sets

A & B or A.intersection(B)

Workshop's Session

Cisco Webex Events | Hide menu bar ^

File Edit Share View Communicate Participant Event Help

KS Ankit Jain Harendra Sharma

Viewing Harendra Sharma's...

PRACTICE

- Write a Python program to find the values of length > 3 in a list using Lambda.
- Write a Python program to find palindromes in a list of strings using Lambda.
- Write a Python program to find all anagrams of a string in a list of strings using lambda.
- Write a Python program to create Fibonacci series up to n using Lambda.
- Write a Python program to count the even, odd numbers in an array of integers using Lambda.
- Write a Python program to add two given lists using map and lambda
- Write a Python program that removes the positive numbers from a given list of numbers. Sum the negative numbers and print the absolute value using lambda function.

Data Science and Analytics

Python – Lambda Expression

Windows taskbar: Type here to search, 19:14 20-08-2020

Workshop's Session

Cisco Webex Events | Hide menu bar ^

File Edit Share View Communicate Participant Event Help

KS Anata Rai

Viewing Anata Rai's applicati...

localhost:8888/notebooks/Desktop/pyth-file/Pillow.ipynb

jupyter Pillow Last Checkpoint: 07/28/2020 (unsaved changes)

File Edit View Insert Cell Kernel Widgets Help

Not Trusted Python 3

```

100), in which case the largest dimension, in this case, the width, will be reduced to
100), in which case the largest dimension, in this case, the width, will be reduced to
retain the aspect ratio of the image.

In [40]: image.thumbnail((100,100))

In [41]: print(image.size)
# show the image
image.show()
(100, 56)

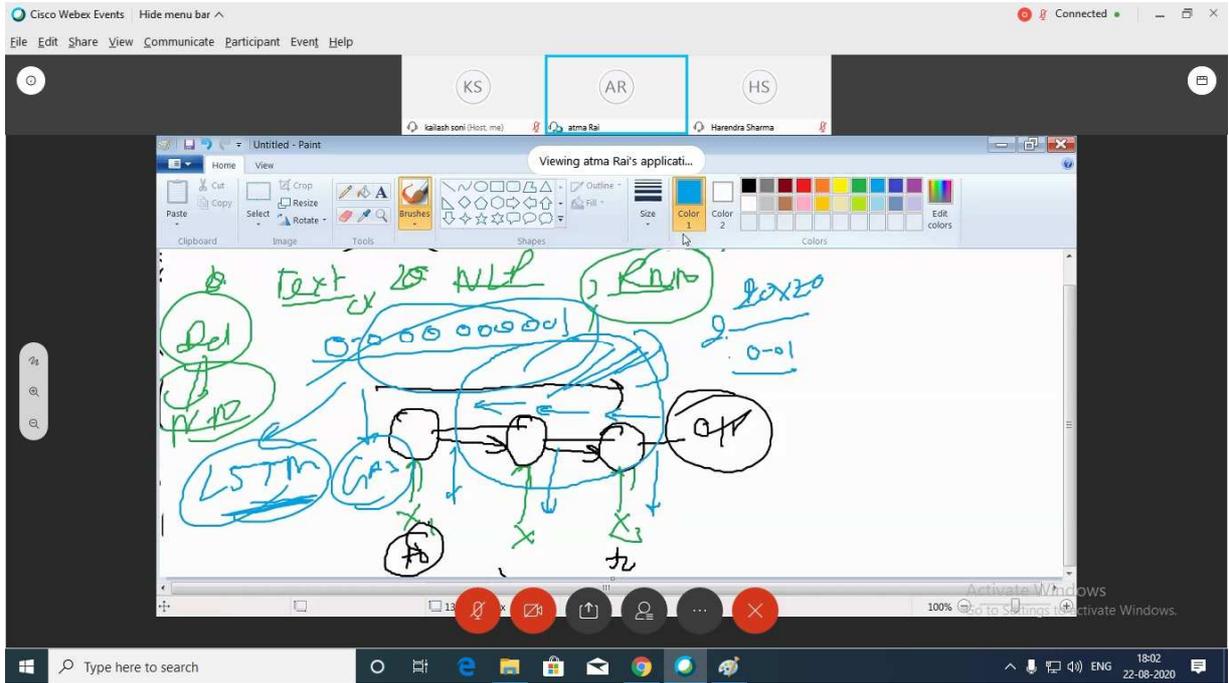
In [42]: image
Out[42]:

```

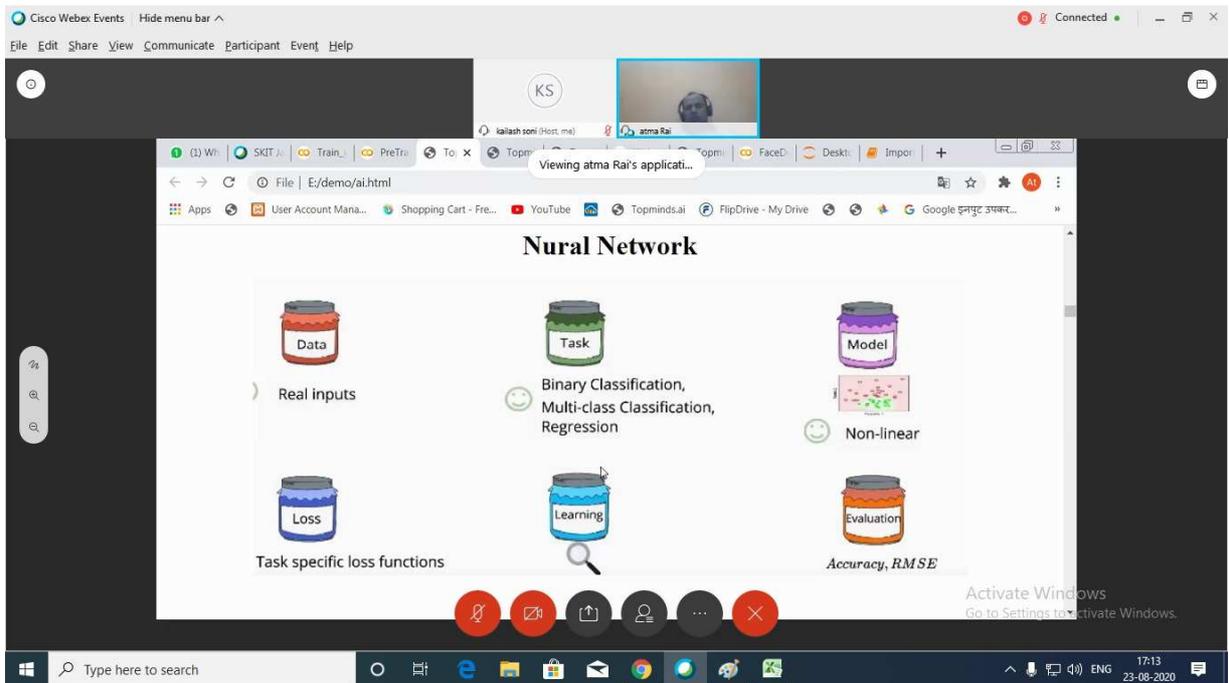
may not want to preserve t...

Windows taskbar: Type here to search, 18:33 21-08-2020

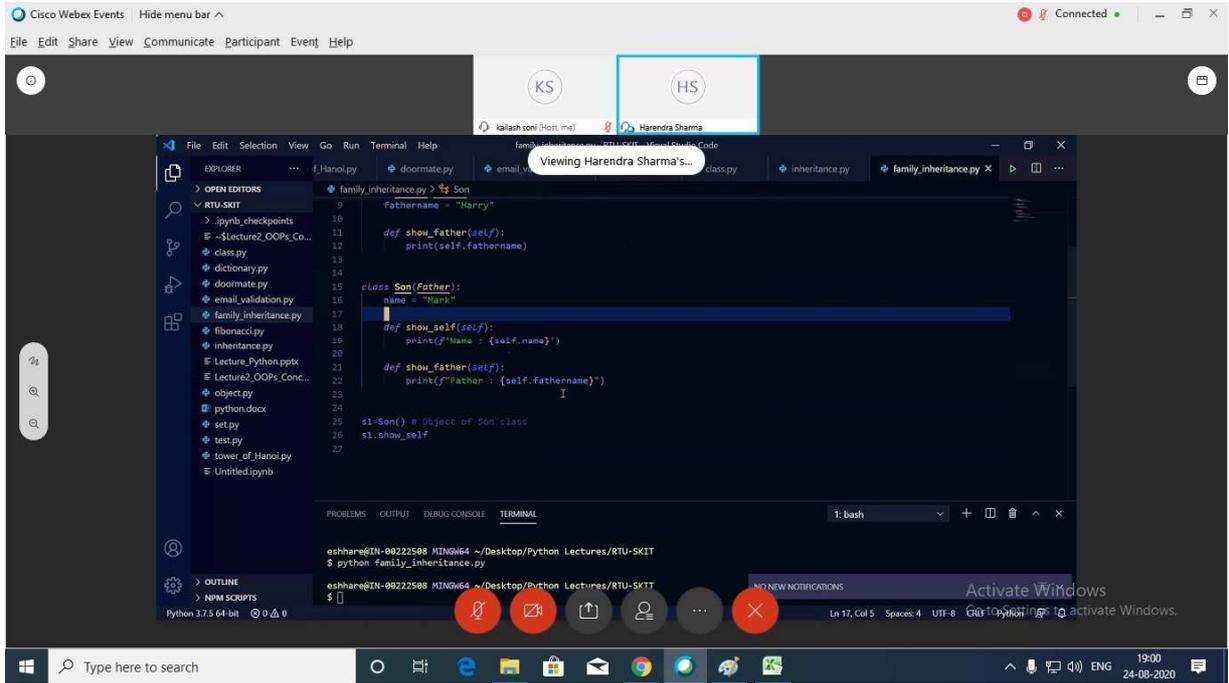
Workshop's Session



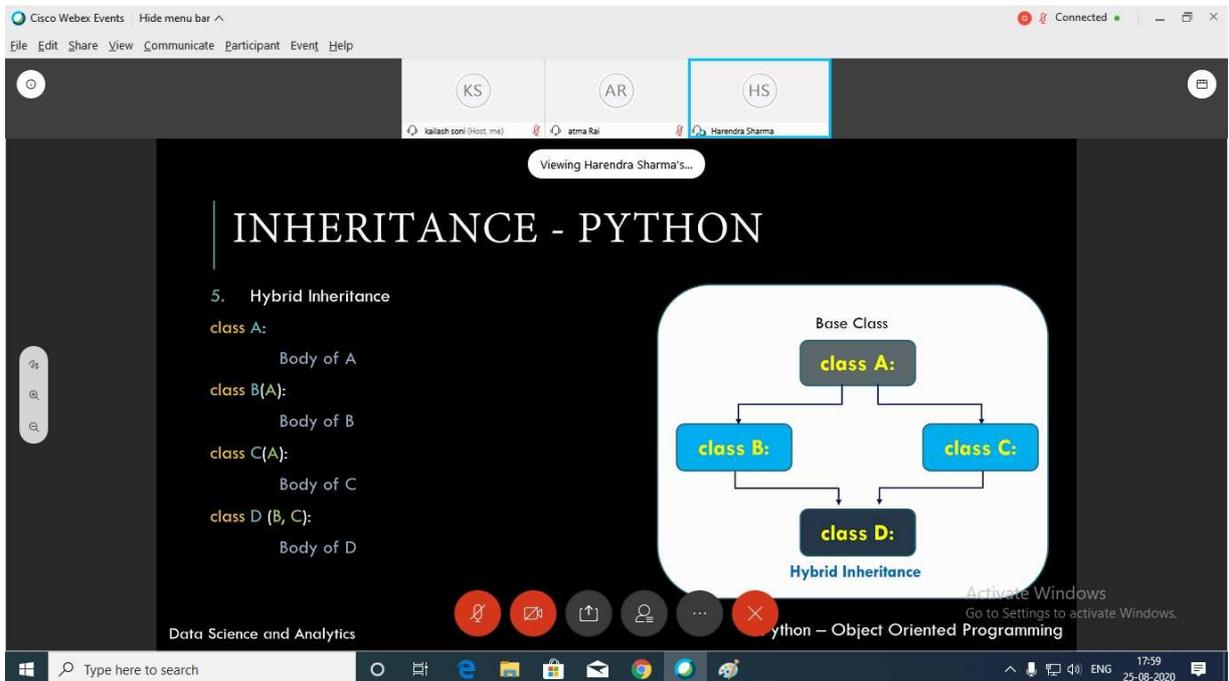
Workshop's Session



Workshop's Session

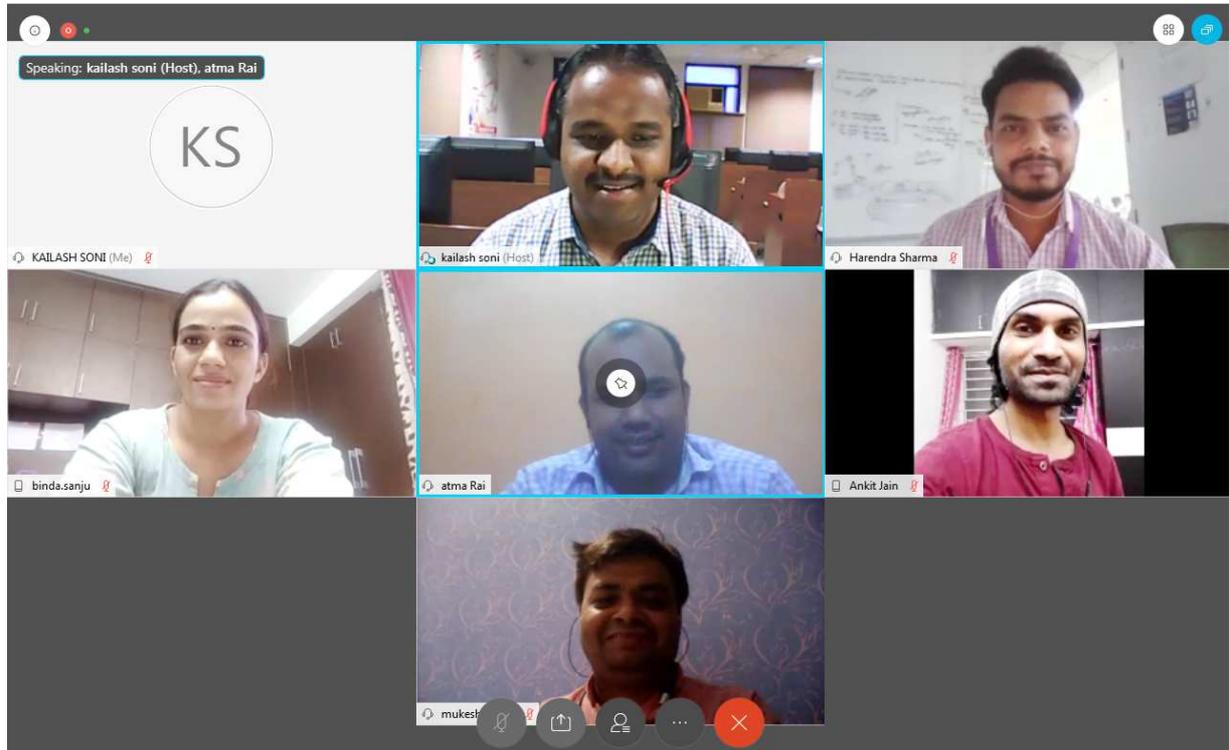


Workshop's Session



Workshop's Session

20. Valedictory Program of the Workshop:-



21. News of the Valedictory Program:-

एसकेआईटी में 15 दिवसीय ऑनलाइन माध्यम से 'डाटा साइंस एंड एनालिटिक्स' स्टूडेंट वर्कशॉप का समापन

कार्यालय संवाददाता

जयपुर। राजस्थान तकनीकी विश्वविद्यालय, कोटा तकनीकी शिक्षा गुणवत्ता सुधार कार्यक्रम के तीसरे चरण (TEQIP-III के रूप में संदर्भित) तकनीकी शिक्षा के लिए बारहवीं पंचवर्षीय योजना के उद्देश्यों के साथ पूरी तरह से एकीकृत है, जो मौजूदा संस्थानों में इंजीनियरिंग शिक्षा की गुणवत्ता में सुधार के लिए विभिन्न कार्यक्रम का आयोजन करती है और इसी के तरह स्वामी केशवानंद इंस्टिट्यूट ऑफ टेक्नोलॉजी,मेंनेगमेंट एंड ग्रामोठ,रामनगरिया, जगतपुरा, जयपुर में मंगलवार(25/08/2020) को डिपार्टमेंट ऑफ कंप्यूटर साइंस एंड इंजीनियरिंग और इनफार्मेशन टेक्नोलॉजी ने टीईक्यूआईपी -3 की सहयोग से 15 दिवसीय ऑनलाइन माध्यम से 'डाटा साइंस एंड एनालिटिक्स' स्टूडेंट वर्कशॉप का समापन किया गया। इस कार्यक्रम में डिफरेंट इंडस्ट्री के एक्सपर्ट अंकित जैन (वरिष्ठ सॉफ्टवेयर डेवलपर, स्मिथस डिटेक्शन सिस्टम्स प्राइवेट लिमिटेड, बैंगलोर-आईआईटीवी), आत्म कुमार राय (डेटा वैज्ञानिक, ADTECH कॉर्प, हैदराबाद), रामेंद्र कुमार (एमएल कंसल्टेंट, टीजीएसएन टेक्नोलॉजीज, आईआईटीडी), हरेंद्र शर्मा (पूर्ण स्टैक वेबसाइट डेवलपर और बैक-एंड डेवलपर, एरिक्सन इंडिया ग्लोबल सर्विसेज प्राइवेट लिमिटेड, नोएडा) ने स्टूडेंट्स को नई तकनीकियों और उनके रिसर्च में उपयोग के बारे में हैड्स ऑन लर्निंग द्वारा सिखाया गया। संस्थान के प्रिंसिपल डॉ. रमेश पचार, हेड ऑफ डिपार्टमेंट कंप्यूटर साइंस डॉक्टर मुकेश कुमार गुप्ता एंड हेड ऑफ डिपार्टमेंट इनफार्मेशन टेक्नोलॉजी प्रोफेसर अनिल चौधरी ने एक्सपर्ट्स को आभार प्रकट किया और स्टूडेंट्स को इस वर्कशॉप से मिले नॉलेज को कंटीन्यू लर्निंग के लिए प्रोत्साहित किया। इस वर्कशॉप में स्टूडेंट्स ने कई लाइव प्रोजेक्ट्स वर्क का अनुभव लिया और इंडस्ट्री एक्सपर्ट्स नई विद्यार्थियों को करंट टेक्नोलॉजी पर काम करना सिखाया। इस वर्कशॉप के मेजबान संजू चौधरी, डिपार्टमेंट ऑफ इनफार्मेशन टेक्नोलॉजी, कैलाश सोनी डिपार्टमेंट ऑफ कंप्यूटर साइंस ने एक्सपर्ट्स को धन्यवाद प्रकट किया और स्टूडेंट्स को एक्टिव पार्टिसिपेशन के लिए बधाई दी।

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118	Yash Goyal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur	ygoyal701@gmail.com
119	Yash Gupta	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur	yash9785115297@gmail.com
120	Yash Janyani	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur	yash.janyani2000@gmail.com
121	Yashvir Singh Nathawat	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur	yashveernathawat@gmail.com
122	Yuvraj Singh	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur	topthings028@gmail.com

23. Feedback of the Workshop:-

Participant's Name	Email ID	Branch	Year	How satisfied were you with your workshop content?	About speakers [1. Mr. Anil Kumar Sharma]	About speakers [2. Mr. Anil Kumar Sharma]	The workshop presentation methods were [1. Mr. Anil Kumar Sharma]	The workshop presentation methods were [2. Mr. Anil Kumar Sharma]	The workshop presentation methods were [3. Mr. Anil Kumar Sharma]	Workshop hands-on learning [1. Mr. Anil Kumar Sharma]	Workshop hands-on learning [2. Mr. Anil Kumar Sharma]	Workshop hands-on learning [3. Mr. Anil Kumar Sharma]	About video and audio quality. [1. Mr. Anil Kumar Sharma]	About video and audio quality. [2. Mr. Anil Kumar Sharma]	About video and audio quality. [3. Mr. Anil Kumar Sharma]	What were your key take aways from this Workshop?	Any overall feedback for the Workshop?	
Adish	adish.war99@gmail.com	ME	3rd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Thank you
Rishabh Garg	riharg29@gmail.com	CS	4th	5	5	5	5	5	5	5	5	5	5	5	5	5	5	It was good
Karish Kumar	karishk153@gmail.com	ECE	4th	4	4	4	4	4	4	4	4	4	4	4	4	4	4	Good
Adish Sah	adishsah1@gmail.com	CS	2nd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Nice
Adish Sah	adishsah1@gmail.com	CS	3rd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Workshop was awesome
Harpal Kumar	harpalkumar70@gmail.com	CS	2nd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Nice workshop
Harpal Kumar	harpalkumar1777@gmail.com	CS	2nd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Good
Ching Mira	chirama10@gmail.com	CS	4th	4	4	4	4	4	4	4	4	4	4	4	4	4	4	All is well but the some time difficult concept not explained
Dilish	dilishhakk@gmail.com	CS	4th	4	4	4	4	4	4	4	4	4	4	4	4	4	4	This workshop is very good and I am thankful to the and all that they organized such kind of workshop
Yash Goyal	ygo205@gmail.com	CS	2nd	3	4	3	4	3	2	3	4	3	4	3	4	3	1	This is awesome
Aashish Gupta	13aashishgupta@gmail.com	CS	4th	5	5	4	4	5	5	5	5	4	4	4	4	4	4	Do some more workshop like this
Jaya Kumar	kumarjaya150@gmail.com	CS	2nd	5	5	4	5	4	4	4	4	4	5	5	5	5	5	Excellent
Nishu Kumar	erant000@gmail.com	CS	4th	4	5	5	5	5	5	5	5	5	4	4	4	4	4	Do some more such workshop
Sachin Yadav	syadavprave@gmail.com	CS	3rd	5	4	3	3	2	2	3	3	2	3	3	3	3	3	Good
Nishu Kumar	erant000@gmail.com	CS	4th	5	5	5	5	5	5	5	5	5	4	4	4	4	4	Amazing workshop I was able to learn new things and I am thankful to the organizers for the wonderful workshop
Anish Dhaswat	anishdhaswat0@gmail.com	CS	4th	3	4	3	3	4	4	4	3	3	4	4	4	4	4	All the sessions have done a great job and they build a passion towards python in me
Bharika Mishra	mishrabharika1@gmail.com	CS	2nd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Very helpful, thanks for providing this opportunity to be a part of this wonderful event
Vivek Inwail	vivekinwail007@gmail.com	CS	4th	5	5	4	5	4	5	5	5	5	5	5	5	5	5	This workshop helps me to develop my skills in python and data science. All the sessions which I attended was very much more and knowledgeable and the all help me to get the job in future in the field of programming.
Neeraj Jain	jain12neeraj@gmail.com	IT	4th	5	5	5	5	5	5	5	5	5	5	5	5	5	5	No
AADITYA ACHARYA	adityaacharya2109@gmail.com	EE	4th	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Overall the Workshop is very good
Vaishnavi Mishra	vamishnavi7a12@gmail.com	CS	3rd	4	4	3	4	4	4	4	3	3	4	3	3	3	3	Great workshop organized by ssk college, and in future I want more workshops like this
Shubham Nagar	shubhameag2714@gmail.com	CS	2nd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Should be of less hours
Prayansh Sharma	prayansh220002@gmail.com	CS	4th	4	5	5	5	5	5	5	5	5	5	5	5	5	5	Good
Avin Verma	avinhart166@gmail.com	CS	3rd	5	4	4	4	4	4	4	4	4	4	4	4	4	4	Nice
Eshvika Joshi	eshvikajoshi11@gmail.com	CS	3rd	4	4	5	5	5	5	5	5	5	4	4	4	4	4	All very good
Ronee Gupta	ronge25@gmail.com	IT	3rd	3	4	5	3	2	3	3	2	3	2	3	2	3	2	3
Iqbal Samayya	iqbalsamayya@gmail.com	EE	3rd	4	4	4	4	4	4	4	4	4	4	4	4	4	4	Good
Sanyak Pagniva	sanyakpagniva11@gmail.com	IT	2nd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Nice
Vinay Bansal	vinaybansal11@gmail.com	CS	2nd	5	4	4	4	4	4	4	4	4	4	4	4	4	4	Good
Tanushree Gupta	tanushreegupta201@gmail.com	CS	2nd	5	4	4	4	4	4	4	4	4	4	4	4	4	4	Good
Mithu Jain	mithujain370@gmail.com	IT	2nd	5	4	4	4	4	4	4	4	4	4	4	4	4	4	Good
Rishabh Kumar	rishabhkumar309@gmail.com	IT	2nd	5	4	4	4	4	4	4	4	4	4	4	4	4	4	Good
Manshu Agasthi	MANSHUAGASTHI1031@gmail.com	CS	3rd	4	4	4	4	4	4	4	4	4	4	4	4	4	4	Good
Anandish Chakra	anandishchakra@gmail.com	ECE	2nd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Very good
Tanya Vijay	vijaytanya166@gmail.com	CS	2nd	5	5	5	5	5	5	5	5	5	5	5	5	5	5	Good

24. Expert's Certificates:-



TEQIP-III RTU(ATU) Sponsored Student Workshop

on

“Data Science & Analytics”

Organised By

Rajasthan Technical University, Kota

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



Certificate

Ref No: RTU/TEQIP-III/F (56)/2020-21/4901-05

This is to certify that **MR. ANKIT JAIN**, Senior Software Developer of **SMITHS DETECTION SYSTEMS PRIVATE LIMITED, Bangalore** has contributed as **Resource Person** in the Fifteen Days Student Workshop on **“Data Science & Analytics”** held from **11/08/2020 to 25/08/2020** at **“Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur”**.



Prof. Dharendra Mathur
(Coordinator, TEQIP-III, RTU, Kota)



Dr. Mukesh Kr Gupta
(HOD-CSE, SKIT)



Dr. Ramesh Kumar Pachar
(Principal, SKIT)

Certificate to Our Expert: Mr. Ankit Jain



TEQIP-III RTU(ATU) Sponsored Student Workshop

on

“Data Science & Analytics”

Organised By

Rajasthan Technical University, Kota

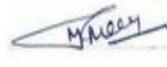
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



Certificate

Ref No: RTU/TEQIP-III/F (56)/2020-21/4901-05

This is to certify that **MR. ATMA KUMAR RAI**, Data Scientist of **ADTECH CORP, Hyderabad** has contributed as **Resource Person** in the Fifteen Days Student Workshop on **“Data Science & Analytics”** held from **11/08/2020 to 25/08/2020** at **“Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur”**.



Prof. Dharendra Mathur
(Coordinator, TEQIP-III, RTU, Kota)



Dr. Mukesh Kr Gupta
(HOD-CSE, SKIT)



Dr. Ramesh Kumar Pachar
(Principal, SKIT)

Certificate to Our Expert: Mr. Atma Kumar Rai



TEQIP-III RTU(ATU) Sponsored Student Workshop

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Rajasthan Technical University, Kota

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Certificate

Ref No: RTU/TEQIP-III/F (56)/2020-21/4901-05

This is to certify that **MR. HARENDRA SHARMA**, Full Stack Website Developer of **ERICSSON INDIA GLOBAL SERVICES PRIVATE LIMITED, Noida** has contributed as **Resource Person** in the Fifteen Days Student Workshop on “Data Science & Analytics” held from **11/08/2020 to 25/08/2020** at “Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur”.

Prof. Dharendra Mathur
(Coordinator, TEQIP-III, RTU, Kota)

Dr. Mukesh Kr Gupta
(HOD-CSE, SKIT)

Dr. Ramesh Kumar Pachar
(Principal, SKIT)

Certificate to Our Expert: Mr. Harendra Sharma



TEQIP-III RTU(ATU) Sponsored Student Workshop

on

“Data Science & Analytics”



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Rajasthan Technical University, Kota

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Certificate

Ref No: RTU/TEQIP-III/F (56)/2020-21/4901-05

This is to certify that **MR. RAMENDRA KUMAR**, ML Consultant of **TGSane TECHNOLOGIES, Jaipur** has contributed as **Resource Person** in the Fifteen Days Student Workshop on “Data Science & Analytics” held from **11/08/2020 to 25/08/2020** at “Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur”.

Prof. Dharendra Mathur
(Coordinator, TEQIP-III, RTU, Kota)

Dr. Mukesh Kr Gupta
(HOD-CSE, SKIT)

Dr. Ramesh Kumar Pachar
(Principal, SKIT)

Certificate to Our Expert: Mr. Ramendra Kumar



TEQIP-III RTU(ATU) Sponsored Student Workshop

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“Data Science & Analytics”



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Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Certificate of Appreciation

Ref No./RTU/TEQIP-III/F (56)/2020-21/4901-05

This is to certify that **Mr. Kailash Soni** of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur has worked as **Coordinator** in the Fifteen Days Student Workshop on “Data Science & Analytics” held from 11/08/2020 to 25/08/2020 at “Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur”.

Prof. Dharendra Mathur
(Coordinator, TEQIP-III)

Dr. Harish Sharma
(Coordinator, RTU-Kota)

Dr. Ramesh Kumar Pachar
(Principal, SKIT)

Certificate to Coordinator: Mr. Kailash Soni



TEQIP-III RTU(ATU) Sponsored Student Workshop

on

“Data Science & Analytics”



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Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Certificate of Appreciation

Ref No./RTU/TEQIP-III/F (56)/2020-21/4901-05

This is to certify that **Ms. Sanju Choudhary** of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur has worked as **Coordinator** in the Fifteen Days Student Workshop on “Data Science & Analytics” held from 11/08/2020 to 25/08/2020 at “Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur”.

Prof. Dharendra Mathur
(Coordinator, TEQIP-III)

Dr. Harish Sharma
(Coordinator, RTU-Kota)

Dr. Ramesh Kumar Pachar
(Principal, SKIT)

Certificate to Coordinator: Ms. Sanju Choudhary

25. Sample Copy of the Participants Certificates:-

	<p><i>TEQIP-III RTU(ATU) Sponsored Student Workshop</i></p> <p>on</p> <p><i>“Data Science & Analytics”</i></p> <p>Organised By</p> <p>Rajasthan Technical University, Kota</p> <p>Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur</p>	
<p>Certificate</p>		
<p>Ref No./RTU/TEQIP-III/</p>		
<p>This is to certify that <u>Mr./Ms.</u> _____</p>		
<p>of _____</p>		
<p>has participated in the Fifteen Days Student Workshop on <i>“Data Science & Analytics”</i> held from <i>11/08/2020</i> to <i>25/08/2020</i> at <i>“Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur”</i>.</p>		
<p><u>Dr. Harish Sharma</u> (Coordinator, RTU-Kota)</p>	<p><u>Dr. Ramesh Kumar Pachar</u> (Principal, SKIT)</p>	<p><u>Dr. Mukesh Kr Gupta</u> (HOD-CSE, SKIT)</p>
<p><u>Mr. Kailash Soni</u> (Host Institute Coordinator, SKIT)</p>		

Sample copy of Participants Certificate (List enclosed on next page)

26. List of Participants who received certificate:-

Sr. No.	Name of the Participant	Name of the Institute
1	Aaditya acharya	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
2	Aashish Gupta	Arya Institute of Engineering technology and management
3	AASHISH JAIN	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
4	Abhishek Goyal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
5	Aditi Shah	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
6	Aditya Kumar	Jawaharlal Nehru University
7	Ajay saini	Arya group of colleges
8	Akshat Khandelwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
9	Aniket	GOVT. ENGINEERING COLLEGE AJMER (RAJ.)
10	Anjali Jain	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
11	Anonymous	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
12	Anuj Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
13	Anushka mathur	Arya institute of engineering technology and management
14	Ashvin singh	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
15	Atin verma	Arya institute of engineering technology and management
16	Avadhesh Chasta	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
17	Avish Dhirawat	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
18	Avishka Bishnoi	Arya Institute of engineering technology and management
19	Ayush Agarwal	Arya Institute of Engineering Technology and Management
20	Bhavika Mishra	ARYA INSTITUTE OF ENGINEERING TECHNOLOGY AND MANAGEMENT
21	Bhavika samdani	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
22	Chhavi Jangid	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
23	Chirag Goyal	Arya institute of engineering technology and management
24	Chirag Misra	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
25	Deeksha Mathur	Modern Institute of Technology and Research Center
26	Dhruv upadhyay	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
27	Dildar	Arya institute of engineering technology and management Jaipur Jaipur
28	Deepanshu jain	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
29	Eklavya Joshi	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
30	Rakesh Kumar Dulariya	Jaipur Institute Of Technology
31	Faizan Khan	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
32	Garvit Jaiswal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
33	Gaurav Vaishnav	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
34	Harsh Kumar	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
35	Harsha Khandelwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
36	Harshit Kumar Sevani	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
37	Hemansh Mathur	Modern Institute Of Technology And Research Centre
38	Himani Sunariya	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
39	Himani Sunariya	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
40	Ipsit Samariya	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
41	Ishika agarwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
42	Jaya Kumari	Arya Institute Of Engineering Technology and Management
43	Jayant Gupta	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
44	Jayesh	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
45	Jayesh Soni	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
46	Kartik Dusad	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
47	Kartik Mathur	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
48	Kartik Mathur	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
49	Kaushal Soni	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
50	Khushi Goyal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
51	Khushi Malasiya	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
52	Krishan Kumar Singh	Jaipur national university
53	Livisha jain	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
54	Lokesh Sharma	Arya College of Engineering and Research Centre
55	Madhavi kumari	Arya institute of engineering technology and management
56	Manashvini Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
57	Mansi Pareek	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
58	mayank agrawal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
59	MIHIR JAIN	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
60	Mishu Jain	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
61	Mohit Agarwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
62	Neeraj Jain	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
63	Nikhil Agarwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
64	Nikunj sahu	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
65	Nitish kumar	Arya institute of eng. Tech. And management jaipur
66	Nupur Choudhary	Arya Institute of Engineering Technology and Management
67	Piyush Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur

03/08/2020

Swami Keshvanand Institute of
Technology, Management & Gramothan
Ramnagar (Jagatpura), JAIPUR-302017

PRINCIPAL

68	Prachi munot	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
69	Prajwal Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
70	Prateek Goyal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
71	Preksha gupta	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
72	priya singh raghav	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
73	Priyanshi vig	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
74	Pushpendra Jain	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
75	RAHUL Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
76	Rakshanda kucheria	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
77	Rishabh Garg	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
78	Rishabh Garg	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
79	Rishita maroo	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
80	RITIK NAGAR	R.N. Modi Engineering College
81	Ronit Gupta	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
82	Ronit jain	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
83	Sachin yadav	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
84	Sanyak Pagariya	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
85	Sakshi khandelwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
86	Sanskar Dutt Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
87	Sathish Kumar	C-DAC
88	Saurabh Yadav	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
89	SHIVAM AGARWAL	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
90	Shivangi yadav	Arya Institute of engineering technology and management
91	Shruti harialka	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
92	SHUBHAM MAHESHWARI	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
93	Shubham Nagar	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
94	Sneha khandelwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
95	Somesh Kapoor	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
96	Sourabh Kumar Mishra	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
97	SUHANI SINGHAL	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
98	Sumedha Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
99	Sunita Kumari	Arya Institute of Engineering Technology and Management
100	Sushil Kumar Sadhnani	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
101	Tanik jain	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
102	TANISHQ JINDAL	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
103	Tanmay Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
104	Tanu Vijay	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
105	Tanushree gupta	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
106	Tanya Khandelwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
107	Tushar Batra	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
108	Ujjwal Garg	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
109	Vaibhav sinha	Jaipur national university
110	Vaibhav Sisodiya	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
111	Vanshika Agarwal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
112	Vikram Sirohi	Jaipur Institute of Technology
113	Vinay Bansal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
114	Vinay Sharma	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
115	Vinod	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
116	Vishakha Chauhan	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
117	Vivek Nuwal	Arya Institute of Engineering Technology and Management Jaipur
118	Yash Goyal	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
119	Yash Gupta	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
120	Yash Janyani	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
121	Yashvir Singh Nathawat	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur
122	Yuvraj Singh	Swami Keshvanand Institute of Technology Management and Gramothan Jaipur

Dr Harish Sharma
RTU Workshop
Coordinator

Mr. Kailash Soni
Host Institute Work Shop
Coordinators

Dr Ramesh Kumar Pachar

Head of the Institute
PRINCIPAL

Swami Keshvanand Institute of
Technology, Management & Gramothan
Ramnagar (Jagatpura), JAIPUR-302017

27. Words of Acknowledgement:-

First of all, I would like to thank **AICTE, New Delhi & Rajasthan Technical University, Kota** for providing us a chance to organize such a useful & informatics student's workshop.

I believe that guidance, support and blessings are the incomparable qualities that my gratitude to our Chairman, **Shri Surja Ram Meel**, Director, **Shri Jaipal Meel** and Registrar, **Smt. Rachna Meel** for providing unconditional freedom and financial support to execute this student's workshop.

I would also like to thank **Dr. Dharendra Mathur Ji**, RTU (ATU) TEQIP-III Coordinator and **Dr. Harish Sharma Ji**, RTU Event Coordinator for giving us an opportunity to organize this event.

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