



**Department of Computer Science**  
**Awadhesh Pratap Singh University,**  
**Rewa (M.P.)**

**Infosys<sup>®</sup>**  
**BPM**

**Online Faculty Development Program on**  
**Global Business Foundation Skills**

**18<sup>th</sup> OCT, 2021 - 29<sup>th</sup> OCT, 2021**



**Chief Guest**

**Dr. Rajkumar Acharya**  
Vice-Chancellor  
A.P.S. University, Rewa(M.P.)



**Special Guest**

**Prof. Surendra Singh**  
Registrar  
A .P.S. University, Rewa(M.P.)

**Key Trainers**



**Dr. Lakshmi D Chand**  
Trainer  
Facilitation Skills Workshop



**Latha Hemanth**  
Trainer  
Language Enhancement Workshop



**Snehal Doshi**  
Trainer  
Quantitative Aptitude and  
Analytical Skills

**Organizing Committee**



**Prof. Rakesh Kumar Katare**  
Head  
Dept. of Computer Science  
A.P.S. University, Rewa(M.P.)



**Prof. Navita Shrivastava**  
Convener, FDP  
Dept. of Computer Science  
A.P.S. University, Rewa(M.P.)

**Please join us for Inaugural Session: 18<sup>th</sup> October, 2021, 8:30AM**

Through Google Meet Link- <http://meet.google.com/hbv-nzdt-cbs>

**Important Information:**

- Inaugural session will be followed by Technical Sessions and only registered participants are allowed to attend Technical sessions.
- The workshop is divided into 3 modules:
  - Facilitation Skills: 18<sup>th</sup> and 19<sup>th</sup> October**
  - Language Enhancement: 20<sup>th</sup> to 22<sup>nd</sup> October and 25<sup>th</sup> October**
  - Quantitative Aptitude & Analytical skills: 26<sup>th</sup> to 29<sup>th</sup> October**
- Registered participants need to login with their registered name and should be available online 15 minutes before the session starts.
- Attendance of all registered participants on all days is mandatory. Registered Participants with 100% attendance only will be given participatory certificates, reference material and other books. Participants will need to be present throughout the session to be marked present.
- Registered Participants are advised to keep a notebook/ rough sheets and pen with them during the training.
- Trainer will give participants individual/group assignments. Participants are requested to complete them on time.
- Participants may have to use some of the online tools as part of the workshop. Eg: Mentimeter, Quizziz, Padlet, Mentimeter, Wakelet, Linoit etc. Participants are advised to download these apps for their ease.
- Participants are advised to follow trainer's instructions and be participative in all the sessions.
- In case of any difficulty contact convenor of FDP.



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**Online Faculty Development Program on**  
**Global Business Foundation Skills**  
**Valedictory Session: 29<sup>th</sup> OCT, 2021**



**Chief Guest**  
**Dr. Rajkumar Acharya**  
Vice-Chancellor  
A.P.S. University, Rewa (M.P.)



**Special Guest**  
**Prof. Surendra Singh**  
Registrar  
A.P.S. University, Rewa (M.P.)

**Speakers**



**Shalini Jaykrishanan**  
Head, CSR, Infosys BPM



**Snehal Doshi**  
Trainer  
Quantitative Aptitude and  
Analytical Skills

**Organizing Committee**



**Shelly Kamboj**  
Sr. Manager,  
Infosys BPM



**Prof. Rakesh Kumar Katore**  
Head  
Dept. of Computer Science  
A.P.S. University, Rewa (M.P.)



**Prof. Navita Shrivastava**  
Convener, FDP  
Dept. of Computer Science  
A.P.S. University, Rewa (M.P.)

**Please join us for Valedictory Session: 29<sup>th</sup> October, 2021,**

**Time- 12:00 To 12:30 PM**

Google Meet Link- <http://meet.google.com/hbv-nzdt-cbs>

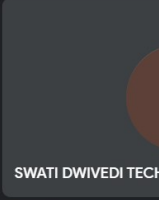
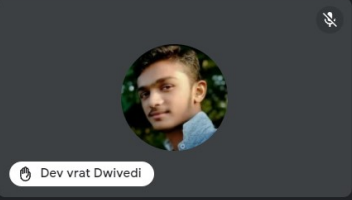
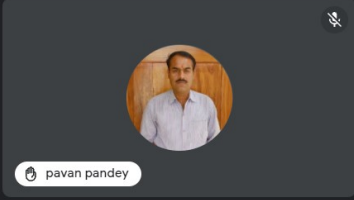
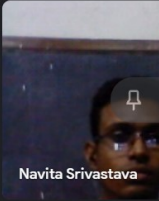
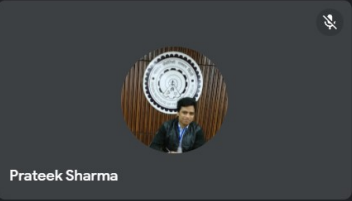


अवधेश प्रताप सिंह विश्वविद्यालय व आई आई टी दिल्ली के संयुक्त तत्वाधान में वर्चुबल लैब की उपयोगिता पर दो दिवसीय ऑनलाइन कार्यशाला का समापन समारोह—

दिनांक 11.10.2021 को अवधेश प्रताप सिंह विश्वविद्यालय में वर्चुबल लैब की उपयोगिता विषयक दो दिवसीय ऑनलाइन कार्यशाला का शुभारंभ किया गया था । कार्यशाला के उद्घाटन समारोह के मुख्य अतिथि रहे विश्वविद्यालय के माननीय कुलपति जी प्रो० राजकुमार आचार्य ने वर्चुबल लैब के महत्व पर प्रकाश डालते हुये बताया कि किस प्रकार वर्चुअल लैब का प्रयोग विज्ञान और इंजीनियरिंग के विभिन्न विषयों में लैब्स को दूरस्थ पहुंच प्रदान करने में किया जा सकता है। साथ ही उन्होंने यह भी बताया की वर्चुबल लैब फिजिकल लैब का विस्थापन नहीं है, बल्कि इस कोरोना काल में शिक्षा के क्षेत्र में एक उपयोगी विकल्प के रूप में सामने आया है । पर्यावरण जीव विज्ञान विभाग के विभागाध्यक्ष प्रोफेसर रहश्यमणि मिश्र एवं भौतिकी विभाग के विभागाध्यक्ष प्रोफेसर ए.पी. मिश्र ने भी स्नातक, स्नातकोत्तर स्तर के छात्रों तथा शोधार्थियों के लिए वर्चुबल लैब की उपयोगिता को महत्वपूर्ण बताया उन्होंने बताया कि किस प्रकार हम वर्चुबल लैब के माध्यम से उपकरणों की कमी के बाद भी छात्रों को निशुल्क लैब की सुविधा देकर उनको ज्ञान बढ़ाने एवं अनुसंधान में मदद कर सकते हैं। कार्यक्रम के विशिष्ट अतिथि विश्वविद्यालय के कुलसचिव, प्रो० सुरेन्द्र सिंह ने इस कोराना काल में वर्चुबल लैब की उपयोगिता के बारे में प्रकाश डालते हुए इस कार्यक्रम के संयोजन हेतु कोऑर्डिनेटर प्रो० नविता श्रीवास्तव को बधाई दी। दिनांक 12-10-2021 को वर्चुबल लैब की उपयोगिता विषयक दो दिवसीय ऑनलाइन कार्यशाला का समापन किया गया जिसका मुख्य उद्देश छात्रों को वर्चुबल लैब की अवधारणा को समझाना है। कार्यशाला के दूसरे दिन आईआईटी दिल्ली के प्रतीक शर्मा ,सीनियर फील्ड इंजीनियर के द्वारा भौतिकी विषय की वर्चुअल लैब एवं शिवम सुंदरम , फील्ड इंजीनियर के द्वारा बायोटेक्नालॉजी वर्चुअल लैब का प्रस्तुतकरण करते हुए ऑनलाइन कई प्रयोग करके दिखाए गए जिससे छात्रों को वर्चुअल लैब में कार्य करने का प्रोत्साहन मिला। कार्यशाला के दौरान विश्वविद्यालय के वर्चुबल लैब की कोऑर्डिनेटर प्रो० नविता श्रीवास्तव एवं विश्वविद्यालय आचार्यगण प्रो.आर.एन.सिंह, प्रो. आर.एन. पटेल, प्रो. अंजली श्रीवास्तव, प्रो. राकेश कुमार कटारे, प्रो.महेश चन्द्र श्रीवास्तव एवं अन्य सभी आचार्यगण एवं समस्त अतिथि विद्वान उपस्थित रहे तथा विभिन्न महाविद्यालयों के शिक्षक एवं छात्र भी ऑनलाइन माध्यम से उपस्थित रहे। इस कार्यशाला हेतु विभिन्न विषयों के 600 से अधिक छात्रों द्वारा ऑनलाइन रजिस्ट्रेशन किया गया जिन्हें ऑनलाइन प्रशिक्षण दिया गया ।



REC



REC



Shalini Jayakrishnan



Shelly kamboj



Lakshmi D Chand



Usha Tiwari



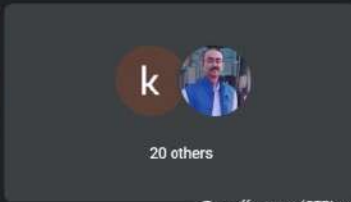
Jagjeet Kaur



SURYA PRAKASH PANDEY



Dr. Aarti Pandey



20 others



You

### People

Mute all Add people Host controls

- RUPAM YADAV
- SANDHYA SINGH
- Satish Patel
- Shalini Jayakrishnan
- Shelly kamboj
- Smriti Shukla
- Sunil Tiwari
- SURYA PRAKASH PANDEY
- Usha Tiwari

12:32 hbv-nzdt-cbs



Turn off camera (CTRL + F)



REC

Anjali Srivastava

Shelly kamboj

Rakesh Katare

Shalini Jayakrishnan

Lakshmi D Chand

dr. Acharya Rajkumar

surendra singh panwar

49 others

You

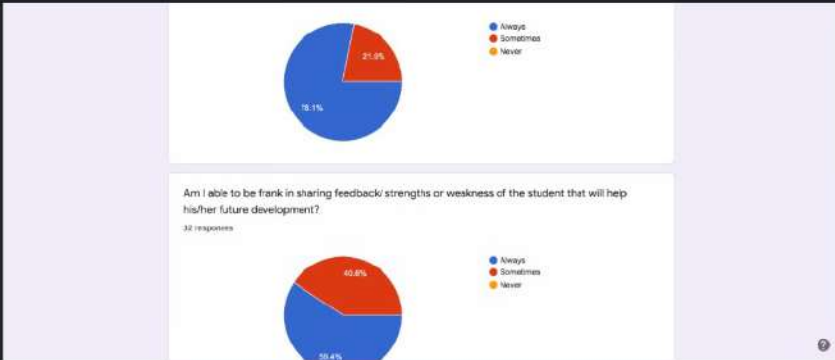
### People

All muted   Add people   Host controls

- ritu sharma
- RUPAM YADAV
- SANDHYA SINGH
- Sanjay Dwivedi
- Satish Patel
- shailja sachan
- Shalini Jayakrishnan
- Shelly kamboj
- Shelly kamboj

08:50 | hbv-nzdt-cbs

REC | Lakshmi D Chand is presenting



Participant grid showing video thumbnails and names:

- Lakshmi D. Cha...
- Jitendra Tripathi
- Usha Tiwari
- SURYA PRAKAS...
- SANDHYA SINGH
- Dilip Kumar ...
- 22 others
- You

People panel with controls:

- Mute all
- Add people
- Host controls
- Participants list: Govind VM, indraneel das, Jagjeet Kaur, Jitendra Tripathi, Krishna K Jaiswal, krishna kumar Verma, Lakshmi D Chand, Lakshmi D Chand Presentation, Menika Pandey



REC | Lakshmi D Chand is presenting

**Learner-Centered Teaching Techniques**

**SIMPLE** | **COMPLEX**

- Explicit learning goals
- Successive learning tasks
- Skeletal lecture slides
- Dominant Assessment Techniques
- Formative assessments
- Collaborative assignments
- Problem-based learning
- Individualized Learning/Full Plan

This spectrum always leans toward teaching techniques for complex and advanced topic assessments. Presented by Laxmi Kishan, Center for Research on Learning & Teaching, University of Michigan

Lakshmi D Chand | Usha Tiwari | Jagjeet Kaur | SURYA PRAKASH PANDEY | krishna kumar... | Dr. Aarti Pandey | 22 others | You

People

- Mute all | Add people | Host controls
- Sanjay Dwivedi
- Satish Patel
- Shalini Jayakrishnan
- Shelly kamboj
- Smriti Shukla
- Sunil Tiwari
- SURYA PRAKASH PANDEY
- Usha Tiwari
- Vivek Tiwari

REC | Lakshmi D Chand is presenting

### 4. Collaborative Learning

<b>Trainer Centered</b> Prescriptive. They are taught.	<b>Learner Centered</b> Participative. They discover.
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Let's discover your choice using the whiteboard

Grid of participant video thumbnails:

- Lakshmi D Chand
- Usha Tiwari
- SURYA PRAKAS...
- Jagjeet Kaur
- Dr-Aarti Pandey
- krishna kumar...
- 24 others
- You

### People

Mute all | Add people | Host controls

- SANDHYA SINGH
- Sanjay Dwivedi
- Satish Patel
- Shalini Jayakrishnan
- Shelly kamboj
- Smriti Shukla
- Sunil Tiwari
- SURYA PRAKASH PANDEY
- Usha Tiwari



## A.P.S. University, Rewa and Virtual Labs, IIT Delhi

Organizes  
Two Days Online Workshop  
on

**Exploring Virtual Labs as Complementary Facility to Physical Labs**

October 11-12 , 2021

### Program Schedule

#### Inaugural Session

S.No.	Time	Activity
1.	02:30 PM	Saraswati Vandana
2.	02:35 PM	opening Remarks and Theme Introduction by Prof. Navita Srivastava, Nodal Coordinator
3.	02:40 PM	Welcome address by Prof. Rakesh Kumar Katare, Head Department of Computer Science
4.	02:45 PM	Inaugural Address by <b>Honourable Vice-Chancellor, Chief Guest</b> , A.P.S. University, Rewa (M.P.)
5.	02:55 PM	Address by Mr. Tanmay Tarun Das, Outreach In-Charge Virtual Labs, IIT Delhi
6.	03:10 PM	Address by Prof. R.M. Mishra, Head Department of Eb & BioTech
7.	03:15 PM	Address by Prof. Vinay Agrawal, Head Department of Chemistry
8.	03:20 PM	Address by Prof. A.P.Mishra, Head Department of Physics
9.	03:25 PM	Address by Prof. Surendra Singh, Special Guest. Registrar, A.P.S. University, Rewa (M.P.)
10.	03:30 PM	Vote of Thanks

Global Business Foundation Skill विषय पर 10 दिवसीय ऑनलाइन Faculty Development Program का अवधेश प्रताप सिंह विश्वविद्यालय हुआ समापन—

अवधेश प्रताप सिंह विश्वविद्यालय व इंफोसिस BPM के संयुक्त तत्वाधान में Global Business Foundation Skill विषय पर 10 दिवसीय ऑनलाइन Faculty Development Program का आयोजन अक्टूबर 18 से 29 तक सफलतापूर्वक किया गया जिसका समापन 29 अक्टूबर 2021 को किया गया। Faculty Development Program का आयोजन तीन भागों में किया गया जिसमें प्रथम भाग दो दिवस 18 –19 में Facilitating skills के की ट्रेनर रही डॉ० लक्ष्मी डी चन्द्र ने बताया कि किस प्रकार से शिक्षक अपने छात्रों को समझ सकते हैं अपनी कक्षा को Interactive बना सकते हैं। द्वितीय भाग में चार दिवस 20,21,22,25 अक्टूबर Language Enhancement की ट्रेनर लता हेमन्त ने Language में फोनटिक्स स्किल एवं grammar के प्रयोग के बारे में सिखाते हुए बताया कि Language Enhancement का Global Business में बहुत महत्व है और छात्रों को इसके बारे में सीखना चाहिए। तृतीय भाग में चार दिवस 26,27,28,29 अक्टूबर Quantitative Aptitude and analytical skills के ट्रेनर स्नेहल दोशी 5Why technique, Troubleshooting ,Brain Teaser ,Pareto Chart के बारे में बताया। कार्यक्रम के मुख्य अतिथि विश्वविद्यालय के माननीय कुलपति जी प्रो० राजकुमार आचार्य ने बताया कि किस प्रकार Faculty Development Program का प्रयोग शिक्षकों को दक्ष बनाने के लिए किया जाय क्योंकि दक्ष शिक्षक अपने छात्रों को किसी भी क्षेत्र के लिए तैयार कर सकते हैं। कार्यक्रम के विशिष्ट अतिथि विश्वविद्यालय के कुलसचिव ,प्रो० सुरेन्द्र सिंह ने यह बताया कि Global Business Foundation Skill का प्रयोग आई टी सेक्टर के छात्रों को प्रशिक्षित करने के लिए बहुत महत्वपूर्ण है ताकि छात्र-छात्राओं को प्लेसमेंट में अच्छी नौकरी मिल सके। प्रो० राकेश कुमार कटारे ,विभागाध्यक्ष, कम्प्यूटर विज्ञान विभाग द्वारा Mathematics को साइंस की जननी के रूप बताते भौतिकी विषय का प्रयोग प्राकृत में किस प्रकार हो रहा बताया। कार्यक्रम का संचालन सीनियर मैनेजर शैली कम्बोज के द्वारा एवं श्रीमती शालिनी जयकृष्णन,CSR Head ,Infosys BPM के द्वारा कार्यक्रम के लिए अवधेश प्रताप सिंह विश्वविद्यालय को धन्यवाद दिया। कार्यक्रम की संयोजक प्रो० नविता श्रीवास्तव के द्वारा कार्यक्रम से जुड़े समस्त वरिष्ठ आचार्यों प्रो० आर०एन० सिंह,प्रो० मृणाल श्रीवास्तव ,प्रो० आर०एन०पटेल ,प्रो० महेश चन्द्र श्रीवास्तव,प्रो० अतुल पाण्डेय , अन्य कॉलेज के वरिष्ठ प्राध्यापकों , विश्वविद्यालय के अतिथि विद्वानों एवं कार्यक्रम से जुड़े सभी सदस्यों का धन्यवाद ज्ञापित किया।

hdy-hzdt-cbs

REC

VC

surendra

Navita Srivastava

Shelly kamboj

ARVIND KUMAR TRIP...

Dr Ashish Pandey

Shalini Jayakrishnan

Lakshmi D Chand

ANOO SINGH BAG...

SURYA PRAKASH PA...

Usha Tiwari

krishna kumar Verma

Jitendra Tripathi

Pragya Dwivedi

Jagjeet Kaur

SANDHYA SINGH

Sunil Tiwari

Nidhi Singh

Navita Srivastava

Krishna K Jaiswal

Smriti Shukla

raj kishore tiwari

AJEET MISHRA

Pankaj Kumar

Menika Pandey

RAMJAS CHAUDHARY

indraneel das

You

# IQAC & Department of Computer Science Awadhesh Pratap Singh University, Rewa (M.P.)

In association with

**Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM)**

Government of India, Nagpur

(Under National Intellectual Property Awareness Mission)

Organises One Day

## Online National Webinar on Intellectual Property Rights (IPR) Patents and Design Filing Process



**Chief Guest**

**Dr. Rajkumar Acharya**

Vice-Chancellor  
A.P.S. University, Rewa (M.P.)



**Key Note Speaker**

**Dr. Pankaj Prabhakar Borkar**

Deputy Controller of Patents & Designs  
Patent Office, Ministry of Commerce & Industry



**Special Guest**

**Dr. Surendra Singh Parihar**

Registrar  
A.P.S. University, Rewa (M.P.)

No fees - E- certificates will be given to all active participants

**Date of Programme : 10<sup>th</sup> Feb, 2022**

**Time of Programme: 03:00 PM to 05:00 PM**

### ORGANIZING COMMITTEE



**Program Coordinator**

**Prof. A.P. Mishra**

Director of IQAC  
A.P.S. University, Rewa (M.P.)



**Program Co-Coordinator**

**Prof. Rakesh Kumar Katare**

Head, Dept. of Computer Science  
A.P.S. University, Rewa (M.P.)



**Convener**

**Prof. Navita Shrivastava**

Dept. of Computer Science  
A.P.S. University, Rewa (M.P.)

Registration Link: <https://forms.gle/Vuqfoc7aupQXuRz56>

**For any Query**

Contact : +91 88391684559

# IQAC & Department of Computer Science Awadhesh Pratap Singh University, Rewa (M.P.)

Organizing National Webinar

on

**Intellectual Property Rights (IPR): Patents and Design Filing Process**

**In Collaboration With RGNIPM, Government of India, Nagpur**

## PROGRAMME SCHEDULE

**Date :10<sup>th</sup> Feb, 2022 Time : 03:00 PM**

03:00 PM	Saraswati Vandana
03:05 PM	Welcome Address By <b>Prof. Navita Shrivastava</b> , Convener of the Webinar
03:10 PM	Theme Introduction by <b>Prof. A.P. Mishra</b> , Program Coodinator & Director, IQAC, A.P.S. University, Rewa, (M.P.)
03: 15 PM	Address by Prof. Surendra Singh Parihar, Special Guest, Registrar , A.P.S. University, Rewa, (M.P.)
03:25 PM	Inaugural Address by Chief Guest <b>Prof. Rajkumar Acharya</b> , Vice Chancellor, A.P.S. University, Rewa, (M.P.)
03:40 PM	Key note address by <b>Dr. Pankaj Prabhakar Borkar</b> , RGNIPM, GOI, Nagpur Topic : <b>Intellectual Property Rights (IPR): Patents and Design Filing Process</b>
04: 40 PM	Question Answer Session
04:50 PM	Concluding remark and Vote of Thanks by <b>Prof. Rakesh Katare</b> , Porgram Co-Coordinator & Head, Dept. of Computer Science

## Important Information

### Important Instructions:

- 1.The webinar is scheduled on 10th February, 2022 from 3PM. Please join 5 minutes before the scheduled time.
- 2.There is no Participation Fees. All active participants will be provided e-Certificate.Certificate (with Goverment emblem ) will be issued few days after the webinar under NiPAM by RGNIPM.
- 3.Webinar will be organized on CISCO webex .
4. Webinar link will be sent through WhatsApp. While Registration Please make sure to click "Join WhatsApp Group clicking the following link" option given at the end, so that you can receive the webinar link.
6. You are requested to keep your audio mute and video off during the Webinar. You are advised to use earphone for communication clarity. You can ask question through chat bot.
7. You are requested to write your formal name in the Laptop/Mobile setting to register your presence during the Webinar.
- 8 .Please provide correct information like E-mail ID, your name and name of the institution as e-Certificate will be generated based on it. Organisers will not take the responsibility of any error made by participants while filling Google Form. In case of any dispute University reserves the right to take decision.

**Registration click:** <https://forms.gle/Vuqfoc7aupQXuRz56>

**Webinar Link :** <https://rgniipm.webex.com/rgniipm/j.php?MTID=mf91b57556faf05437011191eeda06cf9>

**Join by meeting number**

**Meeting number (access code): 2514 731 7764**

**Meeting password: GBtFwRAe336**

<https://signin.webex.com/join>

## Awadhesh Pratap Singh University, Rewa(M.P.)

Dear all

In the modern world Intellectual Property Rights have a significant influence on International Trade and Indigenous Trade of every nation. Importance of Intellectual Property Rights in the modern world goes far beyond simply protecting the creativity of human mind.

Intellectual Property is a powerful tool of economic growth achieved by stimulating creativity and innovation, generating revenue, promoting investment, enhancing culture, preventing 'brain-drain' and nursing overall economic health of any nation. It affects all aspects of economic and cultural life directly or indirectly. The development in International Telecommunications has increased the importance of IPR and poses new challenges for its protection.


Keeping this in view Internal Quality Assurance Cell and Department of Computer Science, Awadhesh Pratap Singh University, Rewa organise a one day Online National Webinar on Intellectual Property Rights (IPR): Patents and Design Filing Process in association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIPM), Government of India, Nagpur on 10th February, 2022 from 3 p.m.

This online webinar will provide opportunity to all participants to enhance their understanding of the subject.

Any interested faculty/student/ intellectual / citizen from India can participate in this Webinar.

Please register, share and motivate others to get registered and take advantage of this free

Online Webinar.

For registration click 

<https://forms.gle/Vuqfoc7aupQXuRz56>



अवधेश प्रताप सिंह विश्वविद्यालय व आई आई टी दिल्ली के संयुक्त तत्वाधान में वर्चुबल लैब की उपयोगिता पर दो दिवसीय ऑनलाइन कार्यशाला का समापन समारोह—

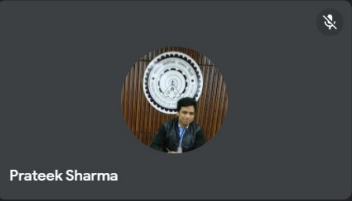
दिनांक 11.10.2021 को अवधेश प्रताप सिंह विश्वविद्यालय में वर्चुबल लैब की उपयोगिता विषयक दो दिवसीय ऑनलाइन कार्यशाला का शुभारंभ किया गया था । कार्यशाला के उद्घाटन समारोह के मुख्य अतिथि रहे विश्वविद्यालय के माननीय कुलपति जी प्रो० राजकुमार आचार्य ने वर्चुबल लैब के महत्व पर प्रकाश डालते हुये बताया कि किस प्रकार वर्चुअल लैब का प्रयोग विज्ञान और इंजीनियरिंग के विभिन्न विषयों में लैब्स को दूरस्थ पहुंच प्रदान करने में किया जा सकता है। साथ ही उन्होंने यह भी बताया की वर्चुबल लैब फिजिकल लैब का विस्थापन नहीं है, बल्कि इस कोरोना काल में शिक्षा के क्षेत्र में एक उपयोगी विकल्प के रूप में सामने आया है । पर्यावरण जीव विज्ञान विभाग के विभागाध्यक्ष प्रोफेसर रहश्यमणि मिश्र एवं भौतिकी विभाग के विभागाध्यक्ष प्रोफेसर ए.पी. मिश्र ने भी स्नातक, स्नातकोत्तर स्तर के छात्रों तथा शोधार्थियों के लिए वर्चुबल लैब की उपयोगिता को महत्वपूर्ण बताया उन्होंने बताया कि किस प्रकार हम वर्चुबल लैब के माध्यम से उपकरणों की कमी के बाद भी छात्रों को निशुल्क लैब की सुविधा देकर उनको ज्ञान बढ़ाने एवं अनुसंधान में मदद कर सकते हैं। कार्यक्रम के विशिष्ट अतिथि विश्वविद्यालय के कुलसचिव, प्रो० सुरेन्द्र सिंह ने इस कोराना काल में वर्चुबल लैब की उपयोगिता के बारे में प्रकाश डालते हुए इस कार्यक्रम के संयोजन हेतु कोऑर्डिनेटर प्रो० नविता श्रीवास्तव को बधाई दी। दिनांक 12-10-2021 को वर्चुबल लैब की उपयोगिता विषयक दो दिवसीय ऑनलाइन कार्यशाला का समापन किया गया जिसका मुख्य उद्देश छात्रों को वर्चुबल लैब की अवधारणा को समझाना है। कार्यशाला के दूसरे दिन आईआईटी दिल्ली के प्रतीक शर्मा ,सीनियर फील्ड इंजीनियर के द्वारा भौतिकी विषय की वर्चुअल लैब एवं शिवम सुंदरम , फील्ड इंजीनियर के द्वारा बायोटेक्नालॉजी वर्चुअल लैब का प्रस्तुतकरण करते हुए ऑनलाइन कई प्रयोग करके दिखाए गए जिससे छात्रों को वर्चुअल लैब में कार्य करने का प्रोत्साहन मिला। कार्यशाला के दौरान विश्वविद्यालय के वर्चुबल लैब की कोऑर्डिनेटर प्रो० नविता श्रीवास्तव एवं विश्वविद्यालय आचार्यगण प्रो.आर.एन.सिंह, प्रो. आर.एन. पटेल, प्रो. अंजली श्रीवास्तव, प्रो. राकेश कुमार कटारे, प्रो.महेश चन्द्र श्रीवास्तव एवं अन्य सभी आचार्यगण एवं समस्त अतिथि विद्वान उपस्थित रहे तथा विभिन्न महाविद्यालयों के शिक्षक एवं छात्र भी ऑनलाइन माध्यम से उपस्थित रहे। इस कार्यशाला हेतु विभिन्न विषयों के 600 से अधिक छात्रों द्वारा ऑनलाइन रजिस्ट्रेशन किया गया जिन्हें ऑनलाइन प्रशिक्षण दिया गया ।



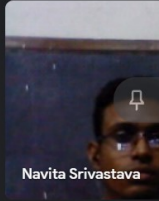
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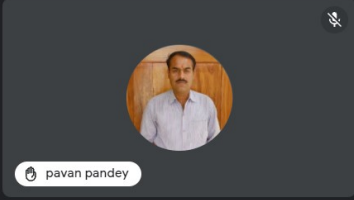
Rakesh Katare



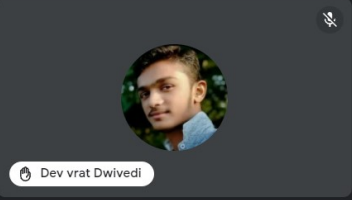
Prateek Sharma



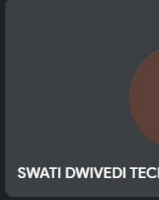
Navita Srivastava



pavan pandey



Dev vrat Dwivedi



SWATI DWIVEDI TECH



Department of Computer Science  
Awadhesh Pratap Singh University, Rewa, (M.P.)  
Celebrating National Science Day, 2022



Department of Computer Science

Awadhesh Pratap Singh University, Rewa (M.P.)



Organizes

National Webinar

on

Integrated Approach in S&T for Sustainable Future

February 28, 2022, Time: 02:30PM



President of the Event  
**Prof. Rajkumar Acharya**  
Vice-Chancellor  
A.P.S. University, Rewa (M.P.)



Chief Guest  
**Prof. Akhilesh Pandey**  
Vice Chancellor  
Vikram University, Ujjain (M.P.)



Key Note Speaker  
**Prof. K. R. Pardasani**  
Department of Mathematics  
MANIT, Bhopal (M.P.)



Special Guest  
**Prof. Surendra Singh Parihar**  
Registrar  
A.P.S. University, Rewa (M.P.)

Organizing Committee



**Prof. Rakesh Kumar Katare**  
Head, Department of Computer  
Science  
APSU, Rewa (M.P.)



**Prof. R.N. Patel**  
Dean, Science Faculty  
& Coordinator MPCST Cell  
APSU, Rewa (M.P.)



**Prof. Navita Srivastava**  
Program Coordinator  
APSU, Rewa (M.P.)



## National Webinar

on

### Integrated Approach in S&T for Sustainable Future

February 28, 2022

### Programme Schedule

(02:30 PM to 04:30 PM)

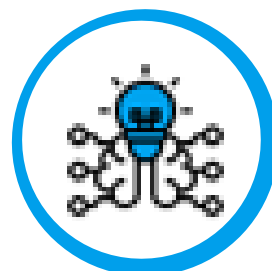
02:30PM	Saraswati Vandana
02:35PM	Welcome Address by Program Coordinator, Prof. Navita Srivastava, A.P.S. University, Rewa (M.P.)
02:40PM	Address by Special Guest Prof. Surendra Singh, Registrar, A.P.S. University, Rewa (M.P.)
02:50 PM	Address by Chief Guest Prof. Akhilesh Pandey, Vice Chancellor, Vikram University, Ujjain (M.P.)
03:30 PM	Key note address by Prof. K. R. Pardasani
04:10PM	Presidential address by Prof. Raj kumar Acharya, Vice Chancellor, A.P.S. University, Rewa(M.P.)
04:20 PM	Concluding remark by Prof. Rakesh Katare, Head, Department of Computer Science
04:25 PM	Vote of Thanks by Prof. R.N.Patel, Dean of Science Faculty, Coordinator, MPCST Cell

### Important Information

1. Webinar will be organized on Google Meet App.
2. Webinar link will be send to you on Whatsapp or through e-mail.
3. The Webinar will start from 2:30PM.
4. Please join 5 minutes before the scheduled time with Ask to join button. Please do not click Present Now button.
5. You are requested to keep your audio mute and video off during the Webinar. You are advised to use earphone for communication clarity.
6. You can ask question through chatbot.
7. You are requested to write your form all names in the Laptop/Mobile setting to register your presence during the Webinar.
8. You can use following link for registration:  
<https://forms.gle/aPRrbtRzmPotoWMf7>
9. There is no participation Fees. All active participants will be provided e-Certificate.



**Edunet Foundation**  
in collaboration with  
**Awadhesh Pratap Singh University, Rewa,**  
Organizes FDP on  
**Enabling the professional development of faculty**  
on **Artificial Intelligence**



# TechSaksham Faculty Development Program Benefits

for participating institutions and faculty members



Access to comprehensive and in-depth knowledge on key technologies through experiential learning



Regular updates and hands-on knowledge on latest technology developments in AI and CC, challenges, opportunities, and current industry trends



Tips to effectively integrate technology into the teaching and learning process



Constant support and mentoring from Microsoft and SAP towards continuing learning journey and completion certificate from Microsoft & SAP



Sustainable ecosystem for faculty to become "Leaders of Change"



Opportunities to leverage open-source technical tools, frameworks, and other packages to integrate in classroom teaching

## Leaders of Change

- Strengthen technical skills by continuous learning through Microsoft and SAP e-learning platforms and certifications
- Top 50 faculty members will be recognized as "TechSaksham Ambassadors" at National level on scoring maximum leader of change points.
- Every faculty member will be recognized as "The Leader of Change/Program Champion" at regional level on successful completion of at-least two democratizing sessions at their respective colleges/institutions.
- Access to and support of Tech Saksham LMS will be provided to all the faculty members to conduct activities, submit feedback, and obtain details.
- Institutes will be selected as a regional Nodal Centres, which would enhance college visibility as a result of an increase in footfall for events in TS program.

### Attend Live sessions

- Faculty Registration on our Learning Platform
- Experiential Learning

### Certification

- Project Activities
- Assessment

### Leader of change

- Deliver Seminars
- Bootcamps
- Workshops

The  
TechSaksham  
Ambassador

## Eligibility & Mode of Training

- 70% attendance is mandatory for obtaining the e-certificate for FDP
- Submission of pre-assessment and post-assessment is mandatory for obtaining the certificate for FDP
- Any faculty from Govt./Govt aided/ college/ University, Pvt. engineering college interested in the relevant theme of the training.
- Faculty from Computer Science, Computer applications, Information Technology, Electronics, and related streams would be ideal candidates for the program.
- Faculty must have access to computer/laptop with an internet connection to participate in the Full time and guest faculty from Computer Science, Information Technology, Electronics, and related streams and can participate.
- Faculty must have access to a computer/laptop with an internet connection to actively participate in the program for 3-4 hours in duration per day
- All registered participants will receive confirmation and the details for each day in advance.
- The proposed schedule for the FDP sessions is as under for consideration

### TechSaksham FDP proposed Timetable

Sr. No	Dates	Time	Topic	Mode
1	7 <sup>th</sup> Apr'22	2:30AM - 5:30PM	AI	Online
2	8 <sup>th</sup> Apr'22	2:30AM - 5:30PM	AI	Online
3	9 <sup>th</sup> Apr'22	2:30AM - 5:30PM	AI	Online
4	10 <sup>th</sup> Apr'22	2:30AM - 5:30PM	AI	Online

# Session plan

Sl. No.	Topic Description	Duration(Min.)
1.	<p><b>Introduction to Artificial Intelligence</b></p> <ul style="list-style-type: none"> <li>History of AI and Market Trends</li> <li>Introduction to AI and ML</li> <li>Types of Machine Learning – Supervised, Unsupervised, Reinforcement Learning, Semi Supervised</li> <li>Image Recognition using Microsoft Lobe</li> <li>Python Basics – Variables, Data types and Libraries</li> <li>NumPy with Matplotlib Basics</li> </ul> <p><b>Take Home Activity:</b></p> <ul style="list-style-type: none"> <li>Data Visualization using Matplotlib</li> </ul>	180
2.	<p><b>Exploratory Data Analysis and Supervised Learning</b></p> <ul style="list-style-type: none"> <li>Pandas Data Frame and Series</li> <li>Data Analysis using Pandas</li> <li>Linear Regression using Ordinary Least Square</li> <li>Azure ML Studio Basics</li> <li>Linear Regression Model using Azure ML Studio</li> </ul> <p><b>Take Home Activity:</b></p> <ul style="list-style-type: none"> <li>Create Multi Linear Regression Model</li> </ul>	180
3.	<p><b>Classification and Text Analytics</b></p> <ul style="list-style-type: none"> <li>Naïve Bayes Algorithm</li> <li>Count Vectorizer</li> <li>Spam Ham Classifier using Naïve Bayes</li> <li>Concept of Lexicons for Sentiment Analysis</li> <li>Vader Sentiment Analyzer</li> </ul> <p><b>Take Home Activity:</b></p> <ul style="list-style-type: none"> <li>Create a Logistic Regression model on Azure ML Studio</li> </ul>	180
4.	<p><b>Deep Learning</b></p> <ul style="list-style-type: none"> <li>Neural Networks – Neurons, Loss Functions, Weights</li> <li>Gradient Descent and Backpropagation</li> <li>Computer Vision basics and Image Processing</li> <li>Digit Recognizer using MNIST Dataset</li> </ul> <p><b>Take Home Activity:</b></p> <ul style="list-style-type: none"> <li>Create a simple CNN model for Image Classification</li> </ul> <p><b>Pedagogy and Design Thinking</b></p> <ul style="list-style-type: none"> <li>Innovations in Artificial Intelligence using Design Thinking</li> <li>Microsoft Pedagogical tools for making learning more accessible.</li> <li>Assessment and reflections</li> </ul>	180





## About Microsoft

Founded in 1975, Microsoft (Nasdaq "MSFT" @microsoft) is the leading platform and productivity company for the mobile-first, cloud-first world, and its mission is to empower every person and every organization on the planet to achieve more. Microsoft set up its India operations in 1990. Today, Microsoft entities in India have over 10,000 employees, engaged in sales and marketing, research, development, and customer services and support, across 11 Indian cities – Ahmedabad, Bangalore, Chennai, New Delhi, Gurugram, Noida, Hyderabad, Kochi, Kolkata, Mumbai, and Pune. Microsoft offers its global cloud services from local data centers to accelerate digital transformation across Indian start-ups, businesses, and government organizations.



## About SAP

SAP India is the fastest growing subsidiary of SAP SE, the world's leading provider of business software solutions. SAP India began its operations in 1996 with headquarters in Bangalore and offices in Mumbai, New Delhi, Kolkata, and a direct presence in nine cities across India, besides having marketing associates in Sri Lanka and Bangladesh. Declared as the 'Hub of the year in the Asia Pacific and Japan' in 2007, SAP India witnessed an unprecedented growth of over 100% both in terms of license revenue and customer acquisition.



## About Edunet Foundation

Edunet Foundation (EF) promotes youth skilling, innovation, and entrepreneurship. It works with top global technology companies and Indian multinationals to further its goals. It has been working across the education spectrum – with government agencies, colleges, and schools around India – to help prepare our future workforce for future careers. Edunet Foundation enjoys "Special Consultative Status" with the Economic and Social Council at the United Nations. Edunet Foundation was recently certified as a "Great Place To Work", by the Great Place To Work Institute, the global entity that evaluates workplaces on key criteria such as credibility, respect, fairness, pride, and ca ma raderie.



## APS University Rewa

edunet  
foundation

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Email: [info@techsaksham.org](mailto:info@techsaksham.org)

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