



**AICTE-RGPV Joint Teachers Training Program  
Rajiv Gandhi Proudhyogiki Vishwavidyalaya, M.P.**

(State Technological University of Madhya Pradesh)

**[Accredited with Grade 'A' by NAAC]**

Air Port Road, Bhopal-MP, 462033

**www.rgpv.ac.in, Email: aicte-ttp@rgtu.net**



**Online TTP Format - 1**

**Online AICTE-RGPV TTP**

**Program Title:** An Interdisciplinary Approach to Data Analysis and Visualization: Tools and Techniques

**Program Duration:** July 05 to July 10, 2021

**Host Institution:** IPS College of Technology & Management, Gwalior

**Program Coordinator:**

Mr. Vineet Raj Singh Kushwah, M: +91 9131138596

**Program Schedule**

Inaugural Ceremony			10:00AM-10:30AM	
1. Prof. Sunil Kumar, Chief Guest and Vice Chancellor, RGPV, Bhopal 2. Col B Venkat, Guest of Honour and Director, FDC, AICTE, New Delhi				
Date	Slot I (10:30AM-12:00Noon) (1.5 Hrs)	Slot II (12:15PM-01:45PM) (1.5 Hrs)	Slot III (02:30PM-04:30PM) (2 Hrs)	
5.7.2021 (Monday)	<b>Session 1</b> <b>Topic:</b> Introduction and Recent trends: Data Analysis and Visualization Tools and Techniques  <b>Expert:</b> Dr. Rakesh Kumar Associate Professor, Department of Computer Science & Engineering, Central University, Haryana, IN	<b>Session 2</b> <b>Topic:</b> Natural Language Processing in Python  <b>Expert:</b> Dr. Vishal Goyal Professor, Department of Computer Science, Punjabi University, Patiala, Punjab, IN	<b>Session 3</b> <b>Topic:</b> Emerging Trends and Global Scope of Big Data Analytics  <b>Expert:</b> Dr. Keshav Rawat Assistant Professor, Department of Computer Science & Informatics, Central University, Himachal Pradesh, IN	
	Slot I (10:00AM-11:45AM) (1.5 Hrs)	Slot II (11:45AM-01:15PM) (1.5 Hrs)	Slot III (02:30PM-04:30PM) (2 Hrs)	
6.7.2021 (Tuesday)	<b>Session 4</b> <b>Topic:</b> Logistic Regression in Machine Learning  <b>Expert:</b> Dr. Sanjeev Kumar Associate Professor, Department of Mathematics, IIT Roorkee, IN	<b>Session 5</b> <b>Topic:</b> Machine Learning in Security  <b>Expert:</b> Dr. Manu Sood, Professor, Department of Computer Science, H.P. University, Shimla, IN	<b>Session 6</b> <b>Topic:</b> Recent Trends in Image Processing  <b>Expert:</b> Dr. KarmVeer Arya Professor, Department of Computer Science, ABV-IIITM, Gwalior, IN	
	Slot I (10:00AM-11:45AM) (1.5 Hrs)	Slot II (11:45AM-01:15PM) (1.5 Hrs)	Slot III (02:30PM-04:00PM) (1.5 Hrs)	



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7.7.2021 (Wednesday)	<b>Session 7</b> <b>Topic:</b> Universal Human Values  <b>Expert:</b> Dr. Gajendra Singh Dr. APJ Abdul Kalam Technical University, Lucknow, IN	<b>Session 8</b> <b>Topic:</b> Artificial Intelligence and Computer Vision  <b>Expert:</b> Dr. Sanjay Singh Principal Scientist CSIR, CEERI, Pilani, IN	<b>Session 9</b> <b>Topic:</b> Artificial Intelligence and its Advances in Robotics  <b>Expert:</b> Dr. Rajesh Doriya Assistant Professor, Department of Information Technology, NIT Raipur, IN
8.7.2021 (Thursday)	<b>Session 10</b> <b>Topic:</b> Regression Techniques  <b>Expert:</b> Dr. V Shanmuganeethi, Associate Professor, National Institute of Technical Teachers' Training and Research, Chennai, IN	<b>Session 11</b> <b>Topic:</b> Soft Computing for Optimization  <b>Expert:</b> Dr. Jagdish Chand Bansal, Associate Professor, Department of Mathematics, South Asian University, New Delhi, IN	<b>Session 12</b> <b>Topic:</b> Data Prediction using Supervised Learning  <b>Expert:</b> Dr. Srinivas Padmanabhuni Chief mentor, Tarah.AI and Co-founder, CityMandi, IIT Tirupati
9.7.2021 (Friday)	<b>Session 13</b> <b>Topic:</b> Learning Analytics  <b>Expert:</b> Dr. Srinivasa K G Professor, Dept. of Information Mgmt & Coordination, NITTTR, Chandigarh, IN	<b>Session 14</b> <b>Topic:</b> Data Analytics for Security  <b>Expert:</b> Dr. Sandeep Kumar Sood Associate Professor, Department of Computer Applications, NIT, Kurukshetra, IN	<b>Session 15</b> <b>Topic:</b> Evolutionary Computing  <b>Expert:</b> Dr. R S Jadoun, Professor, Madhav Institute of Technology & Science, Gwalior, IN
10.7.2021 (Saturday)	<b>Session 16</b> <b>Topic:</b> Service-Oriented Architecture (SOA):An Overview for Data Analysis & Assessment <b>Expert:</b> Dr. Robin Singh Bhadoria Associate Professor, Department of ComputerScience & Engineering, Birla Institute of Applied Sciences (BIAS), Bhimtal, Uttarakhand, IN	<b>Session 17</b> <b>Topic:</b> National Education Policy-2020  <b>Expert:</b> Dr. S B Jaju Professor and Dean (R&D), G.H. Rasoni College of Engineering, Nagpur, IN	<b>Session 18</b> <b>Topic:</b> Data Visualization using Tableau  <b>Expert:</b> Mr. Rajendra Bhosale CEO, RDBS' Geetadeep Enterprises, Kolhapur, Maharashtra
<b>E- Feedback, E-Test (50 Min.)</b> <b>Valedictory Session</b>			<b>4:15 PM to 5:15 PM</b> <b>5:15 PM to 6:00 PM</b>

**Dr. Premanand S Chauhan**  
Principal

**Mr. Vineet Raj Singh Kushwah**  
Program Coordinator & Associate Professor  
Department of Computer Science & Engineering