

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR - 474005

(A Govt. Aided UGC autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Department of Computer Science and Information Technology

Value Added Course

Computer Science Department, MITS Gwalior is offering Value Added Certificate Course that is being conducted to complement student's knowledge and skills in Programming with Python and Machine learning .

Course offered is chosen based on current trends, relevance and having great value in the jobmarket. It is used in all Recents Demanding Technology like Artificial Intelligence, Web Technology Integration, Data Science, Machine Learning, Data Visualization etc.

Course Certificate: Certificate mentioning acquired grade will be provided as per performance in test at the end of Course.

<i>Course Title</i>	<u>Machine Learning with Python</u>
<i>Details</i>	<p>1.Importing all the libraries necessary for this project</p> <p>Question or problem definition.</p> <p>2.Load Data from CSVs(Text Data and numericals values)</p> <p>Acquire training and testing data.</p> <p>3. understanding and Fixing NaN data value.</p> <p>Wrangle, prepare, cleanse the data.</p> <p>4.Data Analysis and Handling Categoricals features.</p> <p>Analyze, identify patterns, and explore the data.</p> <p>5.Prediction Algorithms(logistic and linear regression)</p> <p>Model, predict and solve the problem.</p> <p>6.Conclusion (over different algorithm used and results obtained)</p> <p>Visualize, report, and present the problem solving steps and final solution.</p> <p>Tools: Pandas, Numpy, Scikit learn : Machine Learning in Python,Matplotlib: Python Ploting(data Visualization and cleaning),Web scraping using Beautiful soup(if time permitted).</p>
<i>About Author</i>	<p>Ram Parvesh Das</p> <p>M.Tech (CSE) from IIT Kharagpur</p> <p>Asst. Professor</p> <p>CSE & IT Dept.</p>

	<p>MITS Gwalior.</p> <p>Area of Specialization: Machine learning, NLP, Data Science.</p>
Course Fee	2000.00 Rs/-
Fee Submission	<p><u>Simple and Easy way online Payment from Phonepe/googlepay</u></p> <p>Method_1 from googlepay: open googlepay select new payment and select bank transfer and fill the details and proceed..</p> <p>Method_2 from Phonepe: open Phonepe select To Account ,select Add Bank account, fill the details and proceed..</p> <p>Method_3 net Banking: Through Online Net Banking mode NEFT/RTGS/IMPS/Others.</p> <p>Account Details:</p> <p>Account Number-521202051000101</p> <p>IFSC Code-UBIN0570036</p> <p>Name-Director MITS students</p> <p>Bank-Union Bank of India</p>
Duration	30 Hours Timing : Between 1800 hrs to 2000 hrs Alternate Days
Participants	Students from MITS and other Institutes may apply.
Course Registration Link	<p>https://forms.gle/pamBGRuyWRe6iNnw6</p> <p>Last Date of Registration-10th August 2020.</p>
Other Details	Kindly visit website www.mitsgwalior.in . Students should contact Asst. Prof. Ram Parvesh Das , Department of Computer Science and Information technology for further queries.
Contact Details	<p>rparvesh12@mitsgwalior.in , psharma70@mitsgwalior.in</p> <p>Mob. No: 9402013944</p>

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<i>Course_1 Title</i>	<u>Programming with Python</u>
<i>Details</i>	<i>Basic principles of computers, Python interpreter, variables and expressions, strings, Control Structures, conditional operators, loops and iteration, Dictionaries, Data types, Functions, files, lists, Tuples, Data Visualization, Numpy, Pandas.</i> Tools : Python:PyCharm, Pandas, Numpy, Matplotlib: Python Plotting.
<i>About Author</i>	<i>Ram Parvesh Das</i> <i>M.Tech (CSE) from IIT Kharagpur</i> <i>Asst. Professor</i> <i>CSE & IT Dept.</i> <i>MITS Gwalior.</i> <i>Area of Specialization: Machine learning, NLP, Data Science.</i>
<i>Course Fee</i>	1500.00 Rs./-
<i>Fee Submission</i>	<u>Simple and Easy way online Payment from Phonepe/googlepay</u> Method_1 from googlepay: open googlepay select new payment and select bank transfer and fill the details and proceed.. Method_2 from Phonepe: open Phonepe select To Account ,select Add Bank account, fill the details and proceed.. Method_3 net Banking: Through Online Net Banking mode NEFT/RTGS/IMPS/Others. Account Details:

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