# NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY, BHOPAL

# ADD ON PROGRAM

# JULY-DEC 2022

## DEPARTMENT OF CIVIL ENGINEERING

CamScanner

| Value-Added Courses Imparting Transferable And Life Skills Offered During The Year 2022 | |
|---|---|
| Department Of Civil Engineering | |
| Course Name | 15 Days In House Autocad Training Sep 2022 |
| Date Of Introduction | 26-08-2022 |
| Duration | 15 Days |
| Minimun eligibility | basic computer knowledge |

| | |
|---|---|
| Objective of course | Participants will be able to: |
| | learn about auto cad . |
| | learn about basic commands of autocad |
| | learn about draw the basic plan of autocad |
| | learn about draw the basic plan building plan |

| | |
|---|---|
| learing outcomes | Participants will be able to: |
| | students understand about auto cad |
| | students understand about basic commands of autocad |
| | students understand about draw the basic plan of autocad |
| | students learn about draw the basic plan building plan |

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# ADD ON PROGRAM 2021-2022

## SYLLABUS

**AutoCAD:-** Introduction Of AutoCAD, How Can Start AutoCAD, Dimension Set, Basic Command, Practice Of Above, Use Of Line, Command, Trim Command, Copy Command, Circle, Rectangle Command ,All Command Practice, Start A Building Plan Drawing .




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# AUTOCAD CLASSES LECTURE PLAN

NAME OF EXPERT:-PTOP. AKSHAY KU. JAIN

| SNO | LECTURE NO | TOPIC PLANNED | DATE OF LECTURE | NO OF STUDENTS PRESENTS | SIGN |
|---|---|---|---|---|---|
| 1 | 1 | Introduction of Autocad | 29-8-22 | 29 | |
| 2 | 2 | How Can Start It. | 2-9-22 | 21 | |
| 3 | 3 | Dimention Set | 3-9-22 | 20 | |
| 4 | 4 | Basic Command | 5-9-22 | 21 | |
| 5 | 5 | Practice of Above | 6-9-22 | 23 | |
| 6 | 6 | use of Line Comm. and. | 7-9-22 | 18 | |
| 7 | 7 | Trim Command | 8-9-22 | 18 | |
| 8 | 8 | Copy Command | 10-9-22 | 24 | |
| 9 | 9 | Circle, rectangle Command. | 12-9-22 | 18 | |
| 10 | 10 | All Command practice. | 13-9-22 | 22 | |
| 11 | 11 | Start a Building plan | 14-9-22 | 18 | |
| 12 | 12 | Building plan work | 15-9-22 | 19 | |
| 13 | 13 | Practice of All. | 16-9-22 | 22 | |
| 14 | 14 | New-Building plan. | 17-9-22 | 19 | |
| 15 | 15 | Building plan preparation | 19-9-22 | 21 | |
| 16 | 16 | final two plan done. | 22-9-22 | 30 | |
| 17 | 17 | | | | |
| 18 | 18 | | | | |
| 19 | 19 | | | | |
| 20 | 20 | | | | |
| 21 | 21 | | | | |
| 22 | 22 | | | | |
| 23 | 23 | | | | |




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Value-added courses imparting transferable and life skills offered during the year 2022

| Value added courses | Date of introduction | Number of students enrolled |
|---|---|---|
| 15 DAYS IN HOUSE AUTOCAD TRAINING SEP 2022 | 26-08-2022 | 32 |

Number of students enrolled

| S NO | ENROLLMENT | NAME OF STUDENT | SIGN |
|---|---|---|---|
| 1 | 0115CE211019 | Karanjot Singh Sandhu | Karanjot |
| 2 | 0115CE211005 | AMIT GANGWANEY | Amit |
| 3 | 0115CE211037 | Ritesh Chouhan | Chouhan |
| 4 | 0115CE211036 | Rakesh mahato | |
| 5 | 0115CE211002 | Abhay Kr Goit | |
| 6 | 0115CE211017 | Janmejay K Singh | Janmejay |
| 7 | 0115CE211032 | Pradip Kr. Chaudhary. | |
| 8 | 0115CE211024 | mej. Chorel | mej. Chorel. |
| 9 | 0115CE211038 | Sachin kr. Tiwari | Sachin Tiwari |
| 10 | 0115CE211015 | Divyansh Jain | |
| 11 | 0115CE211009 | Ashish Nagle | Ashish |
| 12 | 0115EE211014 | Dhiraj Kumar. | |
| 13 | 0115CE211033 | Sandeep Kumar | Patta |
| 14 | 0115CE211041 | Shalu kol | |
| 15 | 0115CE211029 | PAVAN PRAJAPATI | Pavan |
| 16 | 0115CE211031 | PRABHAT Mishra | Mishra |
| 17 | 0115CE211018 | Kapoor Singh | Patta |
| 18 | 0115CE211097 | Sumit kumar | Sumit kr. |
| 19 | 0115CE211098 | Sumit kumar mehta | Sumit kr |
| 20 | 0115CE211012 | Dheeraj Shukla | Dheeraj Shukla |
| 21 | 0115CE211043 | Shruti Jaiswal | Shruti Jaiswal |
| 22 | 0115ME211005 | Ajay Kumar | Ajay |
| 23 | 0115CE211020 | Kedarnath Sah Raunijar | Kedar |
| 24 | 0115CE211013 | Dheeraj Singh Dimo | |
| 25 | 0115CE211030 | Piyush kumar Jha | Piyush |
| 26 | 0115CE211062 | Shruti Bavane | Shruti |
| 27 | 0115CE211044 | Shubham Nagpure. | |
| 28 | 0115CE211040 | Sanket Patle | Sanket |
| 29 | 0115CE211006 | Ankit Chouhan | Ankit |
| 30 | 0115CE211025 | MD SARFRAJ ALAM | MD Sarfraj Alam |
| 31 | 0115CE211050 | SURCHI CHOUDHARY | Surchi Choudhary |
| 32 | 0115EE211014 | PRIYANSHU SINGH | |

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ATTENDANCE REGISTER OF..... YEAR ..... CLASS.....

| ENROLLMENT NO. | NAME OF THE STUDENT | MONTH | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DATE | 29 | 2 | 3 | 5 | 6 | 7 | 8 | 10 | 12 | 13 | 14 | 15 | 16 |
| | | INTIAL OF LECTURE | A | A | A | A | A | A | A | A | A | A | A | A | A |
| | | NO OF LECTURES | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 0115CE211019 | Karanjot Singh | | P | | P | | P | P | | | P | P | | | |
| 0115CE211005 | Amit | | P | P | P | P | | P | P | P | | P | P | P | P |
| 0115CE211036 | Rakesh Mahato | | P | | P | | P | P | | P | | | | | |
| 0115CE211037 | Ritesh Chouhan | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CE211002 | ABHAY Ku. GUPTA | | P | P | | | | | | | P | | | | |
| 0115CE211032 | PRADIP Ku. CHAUDHARY | | P | | P | P | P | P | P | P | | P | P | | P |
| 0115CE211030 | JANMEJAY Ku. Singh | | | P | | | | | | | P | P | P | P | |
| 0115CE211038 | Sachin Ku. Tiwari | | P | | | P | P | | P | P | P | | | | P |
| 0115CE211024 | MD. CHAND | | P | P | P | P | P | P | | P | | | P | | P |
| 0115CE211015 | Divyansh JAIN | | P | . | | | P | | P | P | | P | | | |
| 0115CE211009 | Abhish Nagle | | P | P | | P | | P | | | P | P | | P | |
| 0115CE211014 | DHIRAJ Kumar | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CE211039 | SANDeep Kumar | | P | P | P | | P | | P | P | | P | | P | |
| 0115CE211028 | Pavan Prajapati | | P | P | P | P | P | P | P | | | P | P | P | P |
| 0115CE211041 | Shalu Kol | | P | | P | | P | | | P | P | | P | P | |
| 0115CE211031 | Babbar Mishra | | P | P | | P | P | | | P | | P | | | P |
| 0115CE211018 | Kapoor Singh | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CE211048 | Sumit Ku. Mehta | | P | | | P | P | | | P | | P | | | P |
| 0115CE211047 | Sumit Ku. | | P | P | | | P | | | P | P | | P | | P |
| 0115CE211012 | Dheeraj Shukla | | P | | P | P | | P | P | P | | P | | | P |
| 0115CE211043 | Shruti Jaiswal | | P | P | | P | | | P | P | P | P | | P | |
| 0115ME211005 | Ajay Ku. | | P | | | | P | | P | P | | | P | P | |
| 0115CE211020 | Kedar Nath Sah | | P | P | P | P | P | | P | P | P | P | | P | P |
| 0115CE211013 | Dheeraj Singh Arno | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CE211042 | Shruti Bowne | | P | | P | P | P | | P | P | P | | P | P | P |
| 0115CE211044 | Shubham Nagpure | | | P | P | | | P | | P | | | P | | P |
| 0115CE211040 | Sanjit Patle | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CE211006 | Ankit Chouhan | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CE211014 | Priyanshu Singh | | P | P | | P | | P | | P | P | P | | P | P |
| 0115CE211050 | EX Surchi Choudhary | | P | P | P | P | P | P | | P | P | P | | P | P |
| 0115CE211025 | Sarfaraj Alam. | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | 29 | 21 | 20 | 21 | 23 | 18 | 18 | 24 | 18 | 22 | 18 | 17 | 23 |
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THEORY ATTEND

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# NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY, BHOPAL

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22 Glorious Years of Academic Excellence

NAAC

## Certificate of Appreciation

This Certificate is Proudly Presented to

This is to certify that Mr./Ms. Md sarfraj alam has completed a certificate course "AUTOCAD DESIGN" in NRI institute of information science & technology Bhopal as an add on program ,conducted by department of civil engineering ,Niist Bhopal.

Principal NIIST

Director NIIST

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This is to certify that Mr./Ms. Sanket patle has completed a certificate course "AUTOCAD DESIGN" in NRI institute of information science & technology Bhopal as an add on program ,conducted by department of civil engineering ,Niist Bhopal.

Principal NIIST

Director NIIST

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This is to certify that Mr./Ms. Ritesh chouhan has completed a certificate course "AUTOCAD DESIGN" in NRI institute of information science & technology Bhopal as an add on program ,conducted by department of civil engineering ,Niist Bhopal.

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This is to certify that Mr./Ms. Kapoor singh has completed a certificate course "AUTOCAD DESIGN" in NRI institute of information science & technology Bhopal as an add on program ,conducted by department of civil engineering ,Niist Bhopal.

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Principal
NIIST

Director
NIIST

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# NRI Instititute of Information Science and Technology Bhopal

## Department of Computer Science and Engineering

## List of Registered Students in Add-on-Program (Programming in C / C++)

**Duration : 28-06-2022 to 05-07-2022**

| En. No. | Name of Candidate | Branch | Username | Contact No. | Select the Add-on-Program |
|---|---|---|---|---|---|
| 0115CS211111 | Shubham Rajput | Computer Science and Engineering | rajputsr112@gmail.com | 8889187967 | Programming in C / C++ |
| 0115CS211068 | Monu Yadav | Computer Science and Engineering | monuy7883@gmail.com | 9867957179 | Programming in C / C++ |
| 0115cs211071 | Nikhil Pandey | Computer Science and Engineering | pandeynikhil222@gmail.com | 8109182687 | Programming in C / C++ |
| 0115CS211003 | Aayush Kumar Chaudhary | Computer Science and Engineering | aayush.09876.email.com@gmail.com | 8084180892 | Programming in C / C++ |
| 0115CS211119 | Urvi Amuley | Computer Science and Engineering | 2407urviamule@gmail.com | 7987841734 | Programming in C / C++ |
| 0115CS211080 | Pratham Patel | Computer Science and Engineering | ppratham134patel@gmail.com | 7489496008 | Programming in C / C++ |
| 0115CS211077 | Pranchal Vaidhya | Computer Science and Engineering | pranchalvaidhya@gmail.com | 9302820529 | Programming in C / C++ |
| 0115CS211052 | Khushi Mishra | Computer Science and Engineering | mishrakhushi1303@gmail.com | 7979764204 | Programming in C / C++ |
| 0115CS211128 | Yash Choudhary | Computer Science and Engineering | yashchoudharybetu@gmail.com | 8889149328 | Programming in C / C++ |
| 0115CS211123 | Virendra Dekate | Computer Science and Engineering | dekatevicky07@gmail.com | 9425750454 | Programming in C / C++ |
| 0115CS211109 | Shubham Kumar | Computer Science and Engineering | kumarshubham4600@gmail.com | 8652520389 | Programming in C / C++ |
| 0115CS211078 | Prashant Namdev | Computer Science and Engineering | prashantnamdev219@gmail.com | 7440290027 | Programming in C / C++ |
| 0115CS211067 | Monika Sahu | Computer Science and Engineering | monikasahu29696@gmail.com | 7748875192 | Programming in C / C++ |
| 0115CS211094 | Sameer Rahangdale | Computer Science and Engineering | sameerrahangdale63@gmail.com | 7974228305 | Programming in C / C++ |
| 0115CS211096 | Sanjana Kushwaha | Computer Science and Engineering | sanjanakushwaha68200@gmail.com | 9039473208 | Programming in C / C++ |
| 0115CS211044 | Jyoti Ade | Computer Science and Engineering | jyotiade287@gmail.com | 9111836944 | Programming in C / C++ |
| 0115cs211113 | Sneha Prajapati | Computer Science and Engineering | prajapatirohit0088@gmail.com | 9179770760 | Programming in C / C++ |
| 0115CS211029 | Gagan Gupta | Computer Science and Engineering | gg5367236@gmail.com | 8357891034 | Programming in C / C++ |
| 0115CS211089 | Rohit Chourasiya | Computer Science and Engineering | ritikchourasiya49761@gmail.com | 9329031909 | Programming in C / C++ |
| 0115CS211104 | Shivendra Patil | Computer Science and Engineering | patilshivendra03@gmail.com | 6261984958 | Programming in C / C++ |
| 0115CS211012 | Ambikesh Kushwaha | Computer Science and Engineering | ambikeshk75@gmail.com | 7477060981 | Programming in C / C++ |
| 0115CS211020 | Bahadur Anuragi | Computer Science and Engineering | bahaduranuragi9424@gmail.com | 9424302449 | Programming in C / C++ |
| 0115CS211036 | Harsh Pawar | Computer Science and Engineering | pawarharsh191@gmail.com | 9399640546 | Programming in C / C++ |
| 0115CS211046 | Kajal Dhote | Computer Science and Engineering | kajaldhote009@gmail.com | 9343872167 | Programming in C / C++ |
| 0115cs211005 | Abhishek Choure | Computer Science and Engineering | chouriyaabhishek41@gmail.com | 9303300354 | Programming in C / C++ |
| 0115CS211037 | Harshit Khatarkar | Computer Science and Engineering | harshitkhatarkar2002@gmail.com | 8839928380 | Programming in C / C++ |
| 0115CS211065 | Meenakshi Pandre | Computer Science and Engineering | pihupandre2002@gmail.com | 6263405628 | Programming in C / C++ |
| 0115cs211053 | Khushi Priya | Computer Science and Engineering | khushipriya037@gmail.com | 6200510028 | Programming in C / C++ |
| | Ashok Bhade | Computer Science and Engineering | ashok7804916238@gmail.com | 8878394637 | Programming in C / C++ |
| | Himanshi Mate | Computer Science and Engineering | matemanu725@gmail.com | 7000621585 | Programming in C / C++ |
| | Shubham Lowanshi | Computer Science and Engineering | slshubhamlowanshi2003@gmail.com | 8269420617 | Programming in C / C++ |
| | Siddharth Dohare | Computer Science and Engineering | doharesiddharth631@gmail.com | 7694802544 | Programming in C / C++ |
| | Mayush Rahangdale | Computer Science and Engineering | 2003.mayush@gmail.com | 7974994751 | Programming in C / C++ |
| | Aalok Kumar Gupta | Computer Science and Engineering | aalokg332@gmail.com | 7489083470 | Programming in C / C++ |
| | Aditya Yadav | Computer Science and Engineering | adityayadav20033@gmail.com | 7999445926 | Programming in C / C++ |

HOD C.S.E.

# NRI Institute of Information Science and Technology Bhopal

## Department of Computer Science and Engineering

## Attendance Sheet of Add-on -Program (Programming in C / C++)

**Duration : 28-06-2022 to 14-07-2022**

Exam Date : 15/07/2022

| En. No. | Name of Candidate | 28-Jun | 29-Jun | 30-Jun | 1-Jul | 2-Jul | 4-Jul | 5-Jul | 6-Jul | 7-Jul | 8-Jul | 9-Jul | 11-Jul | 12-Jul | 13-Jul | 14-Jul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0511cs211003 | Aakash Wadekar | P | P | P | P | P | P | P | P | P | A | P | P | P | P | P |
| 0115CS211011 | Aalok Kumar Gupta | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211003 | Aayush Kumar Chaudhary | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115cs211005 | Abhishek Choure | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211009 | Aditya Yadav | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211012 | Ambikesh Kushwaha | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0511CS211013 | Amit Kourav | P | P | P | P | P | P | P | P | P | P | P | A | P | P | P |
| 0115CS211013 | Amol Gokhe | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211017 | Ashok Bhade | A | P | P | P | P | P | P | P | P | P | P | P | P | P | A |
| 0115CS211020 | Bahadur Anuragi | P | P | P | P | P | P | P | P | P | P | P | P | P | P | A |
| 0115CS211024 | Darain Asad | P | P | P | P | P | P | A | P | P | P | P | P | P | P | P |
| 0511CS211027 | Devansh Deshmukh | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115cs211026 | Disha Tiwari | P | P | P | P | P | P | A | P | P | P | P | P | P | P | P |
| 0115CS211029 | Gagan Gupta | P | P | P | P | A | P | P | P | P | P | P | P | P | A | P |
| 0511PY211096 | Gungun Shakya | A | P | P | P | P | P | P | P | A | P | P | P | P | P | P |
| 0511CS211033 | Hariom Singh | P | P | P | P | P | P | A | P | P | P | A | P | P | P | P |
| 0115CS211035 | Harish Bhadekar | P | A | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211036 | Harsh Pawar | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211037 | Harshit Khatarkar | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0511cs21136 | Hemant Dhakad | P | P | P | P | P | P | A | P | P | P | P | P | P | P | P |
| 0115CS211039 | Himanshi Mate | P | P | P | A | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211042 | Jayprakash Kumar | P | P | P | P | P | P | A | P | P | P | P | P | P | P | P |
| 0115CS211044 | Jyoti Ade | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211046 | Kajal Dhote | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0511CS211039 | Kalash Kose | P | P | P | P | P | P | P | P | A | P | P | P | P | P | P |
| 0115CS211052 | Khushi Mishra | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115cs211053 | Khushi Priya | P | P | P | A | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211061 | Mansi Ojha | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211063 | Mayush Rahangdale | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211065 | Meenakshi Pandre | A | P | P | P | P | P | P | P | P | P | P | P | A | P | P |
| 0511cs211045 | Mohit Kahar | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211067 | Monika Sahu | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211068 | Monu Yadav | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0511CS211053 | Narendra Khadayat | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115cs211071 | Nikhil Pandey | P | P | A | A | P | P | P | P | P | P | P | P | P | P | P |

HOD C.S.E.

Exam Date : 15/07/2022

| | Name of Candidate | 28-Jun | 29-Jun | 30-Jun | 1-Jul | 2-Jul | 4-Jul | 5-Jul | 6-Jul | 7-Jul | 8-Jul | 9-Jul | 11-Jul | 12-Jul | 13-Jul | 14-Jul |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 211058 | Omkar Gupta | P | P | A | P | P | P | P | P | A | P | P | P | P | P | P |
| 0511CS211059 | Pawan Pathariya | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211076 | Payal Vishwakarma | A | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211077 | Pragati Bhagat | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211078 | Pranchal Vaidhya | P | P | P | P | P | P | P | P | P | P | P | P | P | A | P |
| 0115CS211080 | Prashant Namdev | P | P | P | P | P | P | P | P | P | P | P | P | P | P | A |
| 0511CS211067 | Pratham Patel | P | P | P | P | P | P | A | P | P | P | P | P | P | A | P |
| 0115cs211083 | Punam Bisen | P | A | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115cs211088 | Purushottam Singram | P | P | P | P | P | P | P | P | A | P | P | P | P | A | P |
| 0511CS211073 | Ritik Ahirwar | P | | P | P | A | P | P | P | A | P | P | P | P | P | P |
| 0115CS211089 | Ritwiz Sharma | P | P | P | P | P | P | P | P | A | P | P | P | P | P | P |
| 0115CS211091 | Rohit Chourasiya | P | A | P | P | P | P | P | P | P | P | P | P | P | A | P |
| 0115CS211094 | Saksham Adana | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211096 | Sameer Rahangdale | P | A | P | P | P | A | P | P | P | P | P | P | P | A | P |
| 0511CS211076 | Sanjana Kushwaha | P | P | P | P | P | A | P | P | P | P | P | P | P | P | P |
| 0115CS211107 | Sanskar Soni | P | P | P | P | P | A | P | P | P | P | P | P | P | P | P |
| 0115CS211109 | Shreeanan Bourasi | P | P | P | P | P | P | P | P | A | P | P | P | P | P | A |
| 0115CS211110 | Shubham Kumar | P | P | P | A | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS211111 | Shubham Lowanshi | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 0115CS2111112 | Shubham Rajput | P | P | P | P | P | P | A | P | P | P | P | P | P | P | A |
| 0115cs211113 | Siddharth Dohare | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 115CS211118 | Sneha Prajapati | A | P | P | A | P | P | P | P | P | P | P | P | P | P | P |
| 511CS211096 | Sweta Kumari | P | P | P | P | A | P | P | P | P | P | P | P | P | P | P |
| 11CS211097 | Tushar Paradkar | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 15CS211119 | Uday Chouhan | P | P | P | P | P | P | P | A | P | P | P | P | P | P | P |
| 1Cs21110 | Urvi Amuley | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 5CS211123 | Vikas Dongre | P | P | P | P | P | P | P | A | P | P | P | P | P | P | P |
| 1CS211103 | Virendra Dekate | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 5CS211128 | Vivek Chouhan | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | Yash Choudhary | P | P | P | P | P | P | P | A | P | P | A | P | P | P | P |

Sonam

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ram Coordinator
of. Santosh Nagar
of. Sonam Goswami

Sonam

HOD C.S.E.

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **BAHADUR ANURAGI** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-JULY-2022**

NRI Institute of Information Science & Technology ★ BHOPAL ★ HOD C.S.E.

22 Years

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **ASHOK BHADE** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-JULY-2022**

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AMOL GOKHE** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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Date: 18-JULY-2022

Years 22

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AMIT KOURAV** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-JULY-2022**

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22 Years

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AMBIKESH KUSHWAHA** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-JULY-2022**





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This is to certify that Mr./Ms. **ADITYA YADAV** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-JULY-2022**

Years 22

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AALOK KUMAR GUPTA** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-JULY-2022**

years
22

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **URVI AMULEY** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PRATHAM PATEL** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PRANCHAL VAIDHYA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **KHUSHI MISHRA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **YASH CHOUDHARY** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **VIRENDRA DEKATE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SHUBHAM KUMAR** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PRASHANT NAMDEV** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **MONIKA SAHU** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SAMEER RAHANGDALE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SANJANA KUSHWAHA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **JYOTI ADE**has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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This is to certify that Mr./Ms. **SNEHA PRAJAPATI** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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This is to certify that Mr./Ms. **GAGAN GUPTA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **ROHIT CHOURASIYA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **HARSH PAWAR** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **KAJAL DHOTE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **ABHISHEK CHOURE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **HARSHIT KHATARKAR** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **MEENAKSHI PANDRE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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This is to certify that Mr./Ms. **KHUSHI PRIYA**has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **HIMANSHI MATE**has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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This is to certify that Mr./Ms. **SHUBHAM LOWANSHI** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SIDDHARTH DOHARE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **MAYUSH RAHANGDALE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **HARISH BHADEKAR** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **DISHA TIWARI** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SAKSHAM ADANA**has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **MANSI OJHA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **RITIK AHIRWAR** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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This is to certify that Mr./Ms. **OMKAR GUPTA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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This is to certify that Mr./Ms. **DARAIN ASAD** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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**Date: 18-July-2022**

This is to certify that Mr./Ms. **PURUSHOTTAM SINGRAM** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science &

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This is to certify that Mr./Ms. **JAYPRAKASH KUMAR** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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This is to certify that Mr./Ms. **SWETA KUMARI** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PRAGATI BHAGAT** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SHREEANAN BOURASI** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SHIVENDRA SISODIA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PAWAN PATHARIYA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AAKASH WADEKAR** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **TUSHAR PARADKAR** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **KALASH KOSE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **UDAY CHOUHAN** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **VIKAS DONGRE** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **VIVEK CHOUHAN** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **GUNGUN SHAKYA**has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **NARENDRA KHADAYAT** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **VIVEK CHOUHAN** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **HEMANT DHAKAD** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PUNAM BISEN** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SHARAD SAHU**has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **HARIOM SINGH** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PAYAL VISHWAKARMA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AMIT KOURAV** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **MOHIT KAHAR**has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SANSKAR SONI** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **RITWIZ SHARMA** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **DEVANSH DESHMUKH** has completed a certificate course **"Programming in C & C++"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **MONU YADAV** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **NIKHIL PANDEY** has completed a certificate course "**Programming in C & C++**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Date: 18-July-2022**

HOD C.S.E.

22 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AKANSHA RAI** has completed a certificate course on "**WEB DEVELOPMNT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AMAN RISHU** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **AMIT BARNWAL** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **ANANT KUMAR SAH** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **ANUJ KUMAR GUPTA** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **APURVA KUSHWAHA** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **ATUL KUMAR MARAVI** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **DEEPIKA KSHATRIYA** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **DHRUV PITALE** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **KAMNA MISHRA** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **LIZA** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **MANSI SRIVASTAVA** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PAYAL RAGHUWANSHI** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **POONAM DUBEY** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PRACHI CHOUKSEY** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **PUNIT SAKRE** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **RAHUL DUBEY** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **RAHUL KUMAR GUPTA** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **RAHUL YADAV** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **RAJAT YADAV** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **RAJKISHOR MANJHI** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **RAJNEESH DIXIT** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

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## *CERTIFICATE OF COMPLETATION*

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

This is to certify that Mr./Ms. **SANDHYA RAGHUWANSHI** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science &

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SARITA SAHU** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SHANTANU RAI** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SHIVRAJ SINGH** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SHRADDHA IKHE** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

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## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SUPRIYA** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **USHA PATEL** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **UTKARSH KUMAR** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **VIJAY SHREE BOPCHE** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **YOGITA SINGH** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **ABHISHEK KUMAR** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **ADITYA VYAVAHARE** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **KUSHAGRA JAISWAL** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

18 Years Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **SANDIP KUMAR** has completed a certificate course on "**WEB DEVELOPMENT**" in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. **VIVEK PATEL** has completed a certificate course on **"WEB DEVELOPMENT"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopal.

**Duration: 15-01-18 to 20-02-18**

**Date: 24-February-2018**

**Course Coordinator**

Years 18 Academic Excellence

# ADD ON Program "Automobile Engineering"

Get your certificate

**Course Name:** - "Automobile Maintenance & Failure Analysis".

**Course code:-** MEAUTO-1

**Duration of course (hours):-** 45 HRS

**Fees (INR) :-** NIL

**Minimum Eligibility criteria and Pre requisites:-**

"Basic Knowledge of Automobile"

**For registration:- https://www.nrigroupindia.com/niist/add-on-program/**

**Objective of the course:-**

The course is design to provide Basics of automobile systems, its maintenance & failure.

**End of the course , participants will be able to know:-**

Identify different parts of automobile systems

- Chassis & body.
- Steering system and its geometry.
- Transmission system.
- Suspension system.
- Breaking system.
- Wheels and tyres
- Reasons of failure of different parts and its maintenance.

**Learning outcome:-**

- Identify the different parts of the automobile
- Explain the working of various parts like engine, transmission, clutch, brakes
- Describe how the steering and the suspension systems operate.

- Understand the environmental implications of automobile emissions
- Develop a strong base for understanding future developments in the automobile industry
- This is a first course in automobile engineering introducing the anatomy and the functioning of all major components of the modern automobile. With an introduction to the engine and its accessories, the course deals in detail with the description of automobile components like clutch, transmission, final drive, axles, wheels, suspension, steering, electrical systems among others.

**OUTLINE OF COURSE:-**

| S.NO | TOPIC | MINIMUM NO OF HOURS |
|---|---|---|
| 1 | CHASSIS & BODY | 3 HRS |
| 2 | SUSPENSION SYSTEM | 6 HRS |
| 3 | STEERING SYSTEM | 6 HRS |
| 4 | TRANMISSION SYSTEM | 12 HRS |
| 5 | BRAKING SYSTEM | 3 HRS |
| 6 | WHEELS AND TYRES | 3 HRS |
| 7 | EMISSION STANDARS | 3 HRS |
| 8 | DASH BOARD | 3 HRS |
| 9 | IGNITION SYSTEM | 3 HRS |
| 10 | MPFI | 3 HRS |

## Books recommended

## Shadhu singh S.chand Publication

## Exam Details:-

| | |
|---|---|
| Number of Question | 50 |
| Type of Question | Multiple choice |
| Length of Test | 120 Minutes |
| Passing score | 80% |
| LANGUAGE | English |

# List of selected students for Add – on-Program

| Enrollment no. | Name of student |
|---|---|
| 0115ME201001 | ABHAY KUMAR |
| 0115ME201003 | AFJAL ANSARI |
| 0115ME201010 | ASHISH KUMAR YADAV |
| 0115ME201011 | AYUSH BISEN |
| 0115ME201012 | AYUSH KEWAT |
| 0115ME201013 | BHANU PRATAP SINGH BAGHEL |
| 0115ME201015 | DEEPAK YADAV |
| 0115ME201017<br>0115ME201021 | GOURAV BAIRAGI<br>HEMANT YADAV |
| 0115ME201025 | KESHAV LODHI |
| 0115ME201027 | KUNAL PATIL |
| 0115ME201030 | NILESH PANCHALE |
| 0115ME201032 | RAJNEESH KUSHWAHA |
| 0115ME201033 | RAVI KUMAR |
| 0115ME201037 | ROHIT VERMA |
| 0115ME201040 | SHIVAM SINGH |
| 0115ME201047 | VEDANSH GOUTAM |
| 0115ME201049 | VEDPRAKASH THAKRE |

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. ABHAY KUMAR has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**






# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. AFJAL ANSARI has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. ASHISH KUMAR YADAV has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. AYUSH BISEN has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**






# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. AYUSH KEWAT has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. BHANU PRATAP SINGH BAGHEL has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as anadd on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**






# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. DEEPAK YADAV has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. GOURAV BAIRAGI has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**






# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. HEMANT YADAV has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. KESHAV LODHI has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**






# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. KUNAL PATIL has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**






# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. NILESH PANCHALE has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. RAJNEESH KUSHWAHA has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. RAVI KUMAR has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**






# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. ROHIT VERMA has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. SHIVAM SINGH has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. VEDANSH GAUTAM has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

Years 16 Academic Excellence

# NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

## *CERTIFICATE OF COMPLETATION*

This is to certify that Mr./Ms. VEDPRAKASH THAKRE has completed a certificate course **"Automobile"** in NRI Institute of Information Science & Technology Bhopal as an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

**Date: 12-November-2022**

BHOPAL (M.P.)

16 Years

# NRI INSTITUTE OF INFORMATON SCIENCE & TECHNOLOGY, BHOPAL

*Dpartment of Electrical and Electronics Engineering*

**Add-on program**

**Session July-Dec. 22**

**Duration of course: 45 hrs**

**Course Code -PLC & SCADA**

**COURSE NAME-INDUSTRIAL AUTOMATION USING PLC & SCADA**


| S No. | INDEX |
|---|---|
| 1 | Syllabus |
| 2 | Student Enrolled |
| 3 | Class Attendence |
| 4 | Certificate |
| | |
| | |
| | |





30/09/2023 16:42

**NRI INSTITUTE OF INFORMATON SCIENCE & TECHNOLOGY, BHOPAL**
**Dpartment of Electrical and Electronics Engineering**
**Add-on program**
**COURSE NAME-INDUSTRIAL AUTOMATION USING PLC & SCADA**

## OBJECTIVES OF THE COURSE:

To understand the generic architecture and constituent components of a Programmable Logic Controller.

- To develop a software program using modern engineering tools and technique for PLC and SCADA.
- To apply knowledge gained about PLCs and SCADA systems to real-life industrial applications.

## LEARNING OUTCOMES:

Upon successful completion of this course, the students will be able to: –

- Classify input and output interfacing devices with PLC.
- Execute, debug and test the programs developed for digital and analog operations.
- Determine I/O requirement of application, develop program and interface system with PLC

## INDUSTRIAL AUTOMATION USING PLC & SCADA

### Module 1: PLC, SCADA programming

- Digital electronics basic
- PLC fundamentals, PLC hardware & architecture
- Wiring different field devices to PLC
- Creating application with programming software
- Programming language, basic instruction
- Load/and/or/out/and read /write instruction
- Compare /add/sub/and/or- blocks instruction
- Move, file handling, timer counter block
- Master control/set/reset function
- Advance instruction
- Upload/download/monitoring of programs
- Forcing of I/os,fault finding/ trouble shooting & documentation
- Monitoring / modifying data table values
- Communication with SCADA software
- Hands on experience on real time application

### Supervisory control & date acquisition

- Introduction to SCADA software
- Creating new SCADA project
- Creating data base of tag
- Creating and editing graphic display

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30/09/2023 16:42

- Level measurement, working principle , types, selection guidelines
- Solenoid valves, control valves, smart transmitters
- Instrument transformer ( CT,PT)
- Process control basics, closed and open control process controllers ( on-off proportional, PID)

**MODULE 5: HMI**

- Getting started with HMI
- Creating application, creating tags
- Downloading/uploading program
- Creating alarm messages
- Communication with PLC
- Fault diagnostics

**Module 6: distributed control system**

- Introduction of DCS
- DCS applications
- Hardware: processor, I/O modules, communication, bus redundancy etc.
- Application difference between PLC & DCS
- Hand-on practical on DCS system

**Module 7: industrial networking**

- Different network topologies & their importance
- Training on nodes, ports, drivers, hardware
- DH-485, Ethernet, device net, control net, modbus, profibus, field bus
- Hands – on practical on networking of PLC




30/09/2023 16:43

- Attaching controls to graphic object, sizing, blinking, filling,
- Analog entry, movement of object, visibility
- Real time & historical trending
- Creating alarms & event
- Application of script
- Communication with PLC /excel/different protocols
- Net DDE communication
- Fault/finding/ trouble shooting

**Module 2: variable speed drives & motors**

- Ac motors operation & limitation
- Motor starters : dol , satr-delta,auto transformer
- Motor control circuit, interlocking circuit
- Introduction to AC drives & application
- Criteria for drives selection
- Parameter programming
- Designing of drive control panel
- Communication with PLC,SCADA software
- Fault finding/trouble shooting
- Soft starters & their advantages over conventional starters

**Module 3 panel designing & auto cad**

- Introduction to switch gears & accessories
- Basic of control & power drawing
- General protection involved in panel
- Load management (connected load, running load, load factor)
- Indication ( ammeter, voltmeter, PF & KW meter etc)
- Preparation of general arrangement diagrams, bus bar sizing
- Electrical protection
- Preparation of power ad control circuit
- General wiring guidelines
- Maintenance & trouble shooting of control circuits in live panels

**Module 4: process instrumentation**

- Various transmitters/ sensors used in industrial application
- Position sensor: photo electric, proximity sensor encoder
- Temperature measurement , (RTD, thermocouple, thermistor) working principle , types, selection guidelines
- Flow measurement, working principle , types, selection guidelines
- Pressure measurement, working principle , types, selection guidelines
- Load measurement, load cells




30/09/2023 16:42

# INDUSTRIAL AUTOMATION USING PLC & SCADA

## List of Enrolled Student

| S.No | Enrollment No | Name |
|---|---|---|
| 1 | 0115CE201030 | SAURABH SINGH BAGHEL |
| 2 | 0115EX201001 | AJAY KUMAR AHIRWAR |
| 3 | 0115EX201004 | ASHUTOSH KUMAR |
| 4 | 0115EX201009 | RAHUL KUMAR PAL |
| 5 | 0115EX201010 | VIVEK KUMAR PANDEY |
| 6 | 0115EX201011 | WASEEM AKRAM |
| 7 | 0115EX203D03 | AMIT KUMAR PANDEY |
| 8 | 0115EX203D39 | SANDEEP KUMAR KORI |
| 9 | 0115EX203D52 | YAS VISHWAKARMA |
| 10 | 0115EX213D01 | ABHISHEK KUMAR KUREEL |
| 11 | 0115EX213D02 | ABHISHEK RAMTEKE |




30/09/2023 16:43

## INDUSTRIAL AUTOMATION USING PLC & SCADA

### Attendence Sheet

| S.No | Enrollment No | Name | Day-1 | Day-2 | Day-3 | Day-4 | Day-5 | Day-6 | Day-7 | Day-8 | Day-9 | Day-10 | Day-11 | Day-12 | Day-13 | Day-14 | Day-15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 01135CE201030 | SAURABH SINGH BAGHEL | P | P | P | P | P | P | P | P | P | | P | P | P | P | P |
| 2 | 01135EX201003 | AJAY KUMAR AHIRWAR | P | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 3 | 01135EX201004 | ASHUTOSH KUMAR | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 4 | 01135EX201009 | RAHUL KUMAR PAL | P | | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 5 | 01135EX201010 | VIVEK KUMAR PANDEY | | P | P | P | P | P | P | | P | P | P | P | P | P | P |
| 6 | 01135EX201011 | WASEEM AKRAM | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 7 | 01135EX203003 | AMIT KUMAR PANDEY | P | | P | P | P | P | P | P | P | P | P | P | | P | |
| 8 | 01135EX203039 | SANDEEP KUMAR KORI | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 9 | 01135EX203052 | VAS VISHWAKARMA | P | P | P | P | P | P | P | P | P | P | P | | P | P | P |
| 10 | 01135EX213001 | ABHISHEK KUMAR KUREEL | P | P | P | P | P | P | P | P | P | | P | P | P | P | P |
| 11 | 01135EX213002 | ABHISHEK RAMTEKE | P | P | P | P | P | P | | P | P | P | P | P | P | P | P |

30/09/2023 16:44

# INDUSTRIAL AUTOMATION USING PLC & SCADA

## Evaluation Sheet

| S.No | Enrollment No | Name | Status of |
|---|---|---|---|
| 1 | 0115CE201030 | SAURABH SINGH BAGHEL | ✓ |
| 2 | 0115EX201001 | AJAY KUMAR ARRWAR | ✓ |
| 3 | 0115EX201004 | ASHUTOSH KUMAR | ✓ |
| 4 | 0115EX201009 | RAHUL KUMAR PAL | ✓ |
| 5 | 0115EX201010 | VIVEK KUMAR PANDEY | ✓ |
| 6 | 0115EX201011 | WASEEM AKRAM | ✓ |
| 7 | 0115EX203D03 | AMIT KUMAR PANDEY | ✓ |
| 8 | 0115EX203D39 | SANDEEP KUMAR KORI | ✓ |
| 9 | 0115EX203D52 | YAS VISHWAKARMA | ✓ |
| 10 | 0115EX213D01 | ABHISHEK KUMAR KUREEL | ✓ |
| 11 | 0115EX213D02 | ABHISHEK RAMTEKE | ✓ |



30/09/2023 16:44