

**NRI INSTITUTE OF INFORMATION
SCIENCE & TECHNOLOGY, BHOPAL**



ADD ON PROGRAM

JULY-DEC 2022

DEPARTMENT OF CIVIL ENGINEERING

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
Minimum 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

Learning 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



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 .



AUTOCAD CLASSES LECTURE PLAN

SNO	LECTURE NO	TOPIC PLANNED	NAME OF EXPERT: PTOF. AKSHAY KU. JAIN		
			DATE OF LECTURE	NO OF STUDENTS PRESENTS	SIGN
1	1	Introduction of Autocad	29-8-22	29	A
2	2	How to start it.	2-9-22	21	A
3	3	Dimension set	3-9-22	20	A
4	4	Basic Command	5-9-22	21	A
5	5	Practice of Above	6-9-22	23	A
6	6	Use of Line Command	7-9-22	18	A
7	7	Trim Command	8-9-22	18	A
8	8	Copy Command	10-9-22	24	A
9	9	Circle, Rectangle Command	12-9-22	18	A
10	10	All Command practice	13-9-22	22	A
11	11	Start a Building plan	14-9-22	18	A
12	12	Building plan work	15-9-22	19	A
13	13	Practice of All.	16-9-22	22	A
14	14	New Building plan.	17-9-22	19	A
15	15	Building plan preparation	19-9-22	21	A
16	16	Final two plan done	22-9-22	30	A
17	17				
18	18				
19	19				
20	20				
21	21				
22	22				
23	23				



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

Value added courses 15 DAYS IN HOUSE AUTOCAD TRAINING SEP 2022	Date of introduction 26-08-2022	Number of students enrolled 32
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S NO	ENROLLMENT	NAME OF STUDENT	SIGN
1	0115CE211019	Karanjeet Singh Sandhu	Karanjeet
2	0115CE211005	AMIT CHANDNEY	Amir
3	0115CE211037	Ritesh Chouhan	Ritesh
4	0115CE211036	Rakesh Mahato	Rakesh
5	0115CE211002	Abhay Kr Groit	Abhay
6	0115CE211017	Tanmejay K Singh	Tanmejay
7	0115CE211032	Pradip Kr. Chaudhary	Pradip
8	0115CE211024	mel. Chandel	mel. Chandel
9	0115CE211038	Sachin Kr. Tiwari	Sachin
10	0115CE211015	Dhyanesh Jais	Dhyanesh
11	0115CE211009	Ashish Nagle	Ashish
12	0115CE211014	Dhiraj Kumar	Dhiraj
13	0115CE211039	Sandeep Kumar	Sandeep
14	0115CE211041	Shalu Kal	Shalu
15	0115CE211029	PAVAN PRAJAPATI	Pavan
16	0115CE211031	PRABHAT MISHRA	Prabhat
17	0115CE211018	Kapoor Singh	Kapoor
18	0115CE211047	Sumit Kumar	Sumit
19	0115CE211048	Sumit Kumar Mehta	Sumit
20	0115CE211012	Dheeraj Shukla	Dheeraj
21	0115CE211043	Shruti Jaiswal	Shruti
22	0115ME211005	Ajay Kumar	Ajay
23	0115CE211020	Kedarnath Sah Ransingh	Kedarnath
24	0115CE211013	Dheeraj Singh Dermo	Dheeraj
25	0115CE211030	Piyush Kumar Jan	Piyush
26	0115CE211062	Shruti Bawane	Shruti
27	0115CE211044	Shubham Nagpure	Shubham
28	0115CE211040	Pranket Patle	Pranket
29	0115CE211006	Ankit Chouhan	Ankit
30	0115CE211025	MD SAFRAJ ALAM	MD SAFRAJ ALAM
31	0115CE211050	SURCHY CHAUDHARY	Surchay
32	0115EX211014	PRIVANSHU SINGH	Privanshu

CLASS

THEORY ATTEND[illegible]

**NRI INSTITUTE OF INFORMATION
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This is to certify that Mr./Ms. Md sarfaj 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.



Director
NIIST

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22

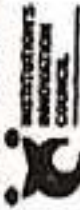
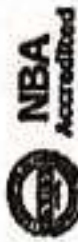
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This is to certify that Mr./Ms. Ritesh chouhan has completed a certificate course "AUTOCAD DESIGN" in NRI institute of information science & technology Bhopal as an add on program ,conducted by department of civil engineering ,Niist Bhopal.



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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.



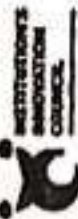
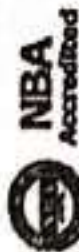
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This is to certify that Mr./Ms. Shruti bawne has completed a certificate course "AUTOCAD DESIGN" in NRI institute of information science & technology Bhopal as an add on program ,conducted by department of civil engineering ,Niist Bhopal.



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NRI Institute of Information Science and Technology Bhopal
Department of Computer Science and Engineering

Duration : 28-06-2022 to 05-07-2022
List of Registered Students in Add-on-Program (Programming in C / C++)

En. No.	Name of Candidate	Branch	Username	Contact No.	Select the Add-on-Program
0115CS211111	Shubham Rajput	Computer Science and Engineering	rajput.r112@gmail.com	8889187967	Programming in C / C++
0115CS211068	Monu Yadav	Computer Science and Engineering	monu7883@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	Urvu Amuley	Computer Science and Engineering	2407urvumule@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	pranchavaidhya@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	dekatevirendra07@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	prashantanamdev219@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	7974228306	Programming in C / C++
0115CS211096	Sanjana Kushwaha	Computer Science and Engineering	sanjanakushwaha58200@gmail.com	9039473208	Programming in C / C++
0115CS211044	Iyoti Ade	Computer Science and Engineering	iyotiade287@gmail.com	9111836944	Programming in C / C++
0115CS211113	Sneha Prajapati	Computer Science and Engineering	prajapatirohit008@gmail.com	9179770760	Programming in C / C++
0115CS211029	Gagan Gupta	Computer Science and Engineering	g8536723@gmail.com	8357891034	Programming in C / C++
0115CS211089	Rohit Chourasiya	Computer Science and Engineering	ritkechourasiya49761@gmail.com	9329031909	Programming in C / C++
0115CS211104	Shivendra Patil	Computer Science and Engineering	patishivendra03@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	chouryaabhishek41@gmail.com	9303300354	Programming in C / C++
0115CS211037	Harshit Khatarakar	Computer Science and Engineering	harshitkhatarakar2002@gmail.com	8839928380	Programming in C / C++
0115CS211065	Meenakshi Pandre	Computer Science and Engineering	phupandre2002@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	matehmanu725@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++



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 Wadkar	P	P	P	P	P	P	P	P	P	P	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	P	P	P	P
0115CS211013	Amol Gokhe	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0115CS211017	Ashok Bhade	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0115CS211020	Bahadur Anuragi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0115CS211024	Darain Asad	P	P	P	P	P	P	P	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	P	P	P	P	P	P	P	P	P
0115CS211029	Gagan Gupta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0511PY211096	Gungun Shukla	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0511CS211033	Harion Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0115CS211035	Harish Bhadekar	P	P	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
0511CS211136	Hemant Dhakad	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0115CS211039	Himanshi Mate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0115CS211042	Jayprakash Kumar	P	P	P	P	P	P	P	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	P	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	P	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	P	P	P	P	P	P	P	P	P	P	P	P	P	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 Khadavat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
0115CS211071	Nikhil Pandey	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



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
Omkar Gupta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Pawan Pathariya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Payal Vishwakarma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Pragati Bhagat	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Pranchal Vaidhya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Prashant Namdev	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Pratham Patel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Punam Bisen	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Purushottam Singam	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Ritik Ahirwar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Ritwiz Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Rohit Chourasiya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Saksham Adana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Sameer Rahangdale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Sanjana Kushwaha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Sanakar Soni	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Shreenuan Bourasi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Shubham Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Shubham Lowanshi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Shubham Rajput	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Siddharth Dohare	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Sneha Prajapati	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Sweta Kumari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Tushar Paradkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Uday Chouhan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Urvi Amuley	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Vikas Dongre	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Virendra Dekate	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
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	P	P	P	P	P	P	P	P

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ram Coordinator
of Santosh Nagar
of Sonam Goswami





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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





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This is to certify that Mr./Ms. ASHOK BHADDE 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. 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.

Date: 18-JULY-2022





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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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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 Bhopāl as an add on program, conducted by Department of Computer Science & Engineering, NIIST, Bhopāl.

Date: 18-JULY-2022





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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





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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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

This is to certify that Mr./Ms. SHIVENDRA PATIL 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 AND TECHNOLOGY BHOPAL

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





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 AND TECHNOLOGY BHOPAL

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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

This is to certify that Mr./Ms. **SHIVYANSH 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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

This is to certify that Mr./Ms. **HARISH BHADDEKAR** 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 AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





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CERTIFICATE OF COMPLETATION

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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 &



NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

CERTIFICATE OF COMPLETATION

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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.

Date: 18-July-2022





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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





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





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





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





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





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





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





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





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





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





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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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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





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





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





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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





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





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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





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





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





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





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





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





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





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





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





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

A blue ink signature of the Course Coordinator, written in a cursive style.

Course Coordinator





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





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





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





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





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





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





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





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





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





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





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





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





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





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





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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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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

A small, square, light blue stamp containing a handwritten signature in dark ink.

Course Coordinator





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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





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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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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 &





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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





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





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





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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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





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





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





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





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





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





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





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





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





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



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	GOURAV BAIRAGI
0115ME201021	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





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





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

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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





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 an add on program, conducted by Department of Mechanical Engineering, NIIST, Bhopal.

Date: 12-November-2022





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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





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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





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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





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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





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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





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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





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Date: 12-November-2022





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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





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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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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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





NRI INSTITUTE OF INFORMATION SCIENCE AND TECHNOLOGY BHOPAL

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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



NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY, BHOPAL

Department 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 Attendance
4	Certificate



NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY, BHOPAL
Department 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 & data acquisition

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



- 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



- 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 , star-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 and 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



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	0115EX203003	AMIT KUMAR PANDEY
8	0115EX203039	SANDEEP KUMAR KORI
9	0115EX203052	YAS VISHWAKARMA
10	0115EX213001	ABHISHEK KUMAR KUREEL
11	0115EX213002	ABHISHEK RAMTEKE



INDUSTRIAL AUTOMATION USING PLC & SCADA

Attendance 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	0113CE201000	SAURABH SINGH BADIHEL	P	P	P	P	P	P	P	P	P		P	P	P	P	P
2	0113EN201000	ALAN KUMAR AJORWAB	P		P	P	P	P	P	P	P		P	P	P	P	P
3	0113EN201004	ASHUTOSH KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	0113EN201000	RAHUL KUMAR PAL	P		P	P	P	P	P	P	P	P	P	P	P	P	P
5	0113EN201010	VIVEK KUMAR PANDEY		P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	0113EN201011	WASEEM AKRAM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	0113EN201000	ANIT KUMAR PANDEY	P		P	P	P	P	P	P	P	P	P	P	P		P
8	0113EN201009	SANDEEP KUMAR KORI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	0113EN201002	VAN VISUWAKARMA	P	P	P	P	P	P	P	P	P		P	P	P	P	P
10	0113EN211001	ABHINAV KUMAR KURELI	P	P	P	P	P	P	P	P	P	P	P	P	P		P
11	0113EN211002	ABHINAV RAMTHAKU	P	P	P	P	P	P		P	P	P	P	P	P	P	P



INDUSTRIAL AUTOMATION USING PLC & SCADA

Evaluation Sheet

S.No	Enrollment No	Name	Status of
1	0115CE201030	SAURABHI SINGH BHAGHEL	✓
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 RAMITKE	✓

