Supporting Documents
Criteria: 1.3.2
List of Value Added Courses

Narula Institute of Technology
81, Nilgunj Road, Agarpara, Kolkata-700109

Index

List of Value Added Courses

2019-20

Name of the value added courses (with 30 or more contact hours)offered	Year of offering	No. of times offered during the same year	Duration of course
BCT*_Basics of Python	2020	Once	40 hours
BCT_Basics of MATLAB	2020	Once	40 hours
BCT_AI/ML	2020	Once	40 hours
BCT_Smart Grid	2020	Once	40 hours
BCT_Python	2020	Once	40 hours
BCT_PLC/SCADA	2020	Once	40 hours
Image Processing Technology	2020	Once	40 hours
BCT_Advanced Material Science	2020	Once	40 hours
Sensor & Transducers	2020	Once	40 hours
BCT_PCB Design Using Proteus	2020	Once	40 hours
BCT_Arduino	2020	Once	40 hours
Angular JS & Node JS	2020	Once	40 hours
BCT_Photovoltaic Systems	2019, 2020	Twice	40 hours
BCT_Arduino	2020	once	40 hours
BCT_Internet of Things	2020	once	40 hours
BCT_Computer aided power system	2019, 2020	Twice	40 hours
BCT_GSM	2020	Once	40 hours
Boot Strap	2020	Once	40 hours
BCT_Cyber Security	2020	Once	40 hours
PHP with My SQL	2020	Once	40 hours
BCT_(Programming in C)	2020	Once	40 hours
BCT_Shell Programming	2020	Once	40 hours
BCT_(Database Management System)	2020	Once	40 hours
BCT_(Web Technology)	2020	Once	40 hours
BCT_(Cryptography and Network Security)	2020	Once	40 hours
BCT_(Engg Graphics and design)	2020	Once	40 hours
BCT_(Engg Graphics and design)	2020	Once	40 hours
BCT_(3d Modelling and simulation)	2020	Once	40 hours
BCT_TRAINING PROGRAM ON ETABS	2019	Once	48 hours
BCT_TRAINING PROGRAM ON STAAD.Pro & STAAD FOUNDATION	2019	Once	60 hours

BCT_TRAINING PROGRAM ON ETABS	2020	Once	48 hours
BCT_SHORT TERM TRAINING PROGRAM ON OPEN ROAD	2020	Once	40 hours
BCT_TRAINING PROGRAM ON REVIT & TOTAL STATION	2020	Once	40 hours
BCT_(Computer Aided Design)	2020	Once	40 hours
BCT_(3D Printing and Design)	2020	Once	40 hours

Principal
Nanda Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

List of Value Added Courses

2018-19

Name of the value added courses (with 30 or more contact hours)offered	Year of offering	No. of times offered during the same year	Duration of course
BCT_Machine Learning using Python	2019	Once	40 hours
BCT_IoT	2019	Once	40 hours
BCT_FPGA: Architecture, Programming & Testing	2019	Once	40 hours
BCT_Coding	2019	Once	40 hours
Image Processing Technology	2019	Once	40 hours
BCT_Advanced Material Science	2019	Once	40 hours
Sensor & Transducers	2019	Once	40 hours
BCT_Introduction to Matlab	2018, 2019	Twice	40 hours
Microsoft Azure Professional	2019	Once	40 hours
BCT_PCB Design using PROTEUS	2019	Once	40 hours
BCT_Basics of MATLAB	2019	Once	40 hours
BCT_Robotics	2019	Once	40 hours
Sensor Network	2019	Once	40 hours
Mobile Application with Android	2019	Once	40 hours
BCT_(Programming in C)	2019	once	40 hours
BCT_(Training on Shell Programming)	2019	once	40 hours
BCT_(Database Management System)	2019	once	40 hours
BCT_Web Technology	2019	once	40 hours
BCT_(Cryptography and Network Security)	2019	once	40 hours
BCT_(Engg Graphics and design)	2019	once	40 hours
BCT_(FEM)	2019	once	40 hours
BCT_Basics of MATLAB	2018, 2019	Twice	60 hours
BCT_PLC/SCADA	2018, 2019	Twice	60 hours
BCT_Solar and Embaded system	2018, 2019	Twice	60 hours
BCT_(3d Modelling and simulation)	2019	once	40 hours
BCT_TRAINING PROGRAM ON AUTO DESK 3D MAX	2018	once	48 hours
BCT_ TRAINING PROGRAM ON AUTOCAD	2018	once	49 hours
BCT_ TRAINING PROGRAM ON STAAD.Pro	2018	once	60 hours

TRAINING PROGRAM ON PLAXIS SOFTWARE	2019	once	48 hours
BCT_ESTIMATION AND RATE ANALYSIS	2019	once	42 hours
BCT_·(Advance Manufacturing)	2019	once	40 hours
BCT _(Material Testing)	2019	once	40 hours
BCT_(CNC Lathe)	2018	once	40 hours
BCT_(Design Machine Elements)	2018	once	40 hours
BCT_(Process Control)	2018	once	40 hours
BCT_(Fluid Mechanics)	2019	once	40 hours
BCT_(Heat Transfer & Refrigeration)	2019	once	40 hours
BCT_(Mechatronics Systems)	2019	once	40 hours
BCT_(Total Quality Management)	2019	once	40 hours
BCT_(Power Plant)	2019	once	40 hours
BCT_Introduction to Matlab	2018	Twice	60 hours
BCT_Switch gear and protection	2018	Twice	60 hours
BCT_Advanced Power Electronics	2018	Twice	60 hours

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

List of Value Added Courses

2017-18

Name of the value added courses (with 30 or more contact hours)offered	Year of offering	No. of times offered during the same year	Duration of course
BCT_IoT	2018	Once	40 hours
BCT_FPGA: Architecture, Programming & Testing	2018	Once	40 hours
Coding Technique	2018	Once	40 hours
BCT_Embedded System	2018	Once	40 hours
BCT_Android & Arduino	2018	Once	40 hours
BCT_PCB Design using PROTEUS	2018	Once	40 hours
Python with Django	2018	Once	40 hours
Robotics	2018	Once	40 hours
Bigdata Hadoop	2018	Once	40 hours
BCT_Programming in C	2018	Once	40 hours
BCT_(Training on Shell Programming)	2018	Once	40 hours
BCT_(Database Management System)	2018	Once	40 hours
BCT_(Web Technology)	2018	Once	40 hours
BCT_(Cryptography and Network Security)	2018	Once	40 hours
BCT_(Engg Graphics and design)	2018	Once	40 hours
BCT_Advanced Power Electronics	2017, 2018	Twice	40 hours
BCT_(FEM)	2018	Once	40 hours
BCT_(3d Modelling and simulation)	2018	Once	40 hours
BCT_TRAINING PROGRAM ON STAAD.Pro	2017	Once	60 hours
BCT_TRAINING PROGRAM ON MS PROJECT	2018	Once	40 hours
TRAINING PROGRAM ON MIDAS SOFTWARE	2018	Once	42 hours
BCT_(Fluid Power Control)	2017	Once	40 hours
BCT_(MIG Welding)	2017	Once	40 hours
Summer Training by NASSCOM	2017	Once	40 hours
BCT_(Six axis robotic arm)	2018	Once	40 hours
Automation & Digital Transformation_Tech Mahindra	2017	Once	30 hours
BCT_(Nuclear Power Generation & Supply)	2018	Once	40 hours
Infosys Campus Connect	2017	Once	40 hours
BCT_(Machine Learning for Robot Programming)	2018	Once	40 hours

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

BCT_(Internet of Things)	2017	Once	40 hours
BCT_(Industrial safety)	2017	Once	40 hours
BCT_(Python)	2017	Once	40 hours
BCT_Computer Aided Design and 3-D Printing	2017	Once	40 hours
BCT_Advanced Power Electronics	2017	Once	40 hours

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109

List of Value Added Courses

2016-17

Name of the value added courses (with 30 or more contact hours)offered	Year of offering	No. of times offered during the same year	Duration of course
BCT_IoT	2017	Once	40 hours
BCT_FPGA: Architecture, Programming & Testing	2017	Once	40 hours
BCT_Coding	2017	Once	40 hours
BCT_Introduction to Matlab	2017	Once	40 hours
BCT_Embedded System	2017	Once	40 hours
BCT_Android & Arduino	2017	Once	40 hours
BCT_PCB Design using PROTEUS	2017	Once	40 hours
BCT_(Programming in C)	2017	Once	40 hours
BCT_Computer Aided Design and 3-D Printing	2017	Once	40 hours
BCT_Advanced Power Electronics	2017	Once	40 hours
BCT_(Training on Shell Programming)	2017	Once	40 hours
BCT_Relational Database Management System	2017	Once	40 hours
BCT_(Web Technology)	2017	Once	40 hours
Summer Training by NASSCOM	2016	Once	40 hours
BCT_(Cryptography and Network Security)	2017	Once	40 hours
BCT_(FEM)	2017	Once	40 hours
BCT_(3d Modelling and simulation)	2017	Once	40 hours
Infosys Campus Connect	2016	Once	40 hours
BCT_(Artificial Intelligence)	2016	Once	40 hours
BCT_(Primary Manufacturing Process)	2016	Once	40 hours
BCT_(Metrology & Measurement)	2016	Once	40 hours
BCT_(Machining Principles & Machine Tools)	2016	Once	40 hours
BCT_(Robotics: Mechanics and Control)	2017	Once	40 hours
BCT_(Composite Materials)	2017	Once	40 hours
BCT_(Computational Fluid Dynamics)	2017	Once	40 hours
Training program on Total Quality Management	2017	Once	40 hours
Training Program on 3D Part Modelling with PROE	2017	Once	42 hours
BCT_Advanced Power Electronics	2016	Once	40 hours
BCT_Computer aided power system	2016	Once	40 hours

List of Value Added Courses

2015-16

Name of the value added courses (with 30 or more contact hours)offered	Year of offering	No. of times offered during the same year	Duration of course
BCT_Machine Learning using Python	2016	Once	40 hours
BCT_IoT	2016	Once	40 hours
BCT_FPGA: Architecture, Programming & Testing	2016	Once	40 hours
Python	2016	Once	40 hours
BCT_Coding	2016	Once	40 hours
BCT_Optical Fibre Communication	2016	Once	40 hours
BCT_Embedded System	2016	Once	40 hours
BCT_Android & Arduino	2016	Once	40 hours
BCT_PCB Design using PROTEUS	2016	Once	40 hours
BCT_Introduction to MATLAB	2015	Once	40 hours
Image & Video Processing	2016	Once	40 hours
BCT_Advanced Power Electronics	2016	Once	40 hours
BCT_Computer aided power system	2016	Once	40 hours
Summer Training by NASSCOM	2015	Once	40 hours
BCT_(Programming in C)	2015	Once	40 hours
BCT_(Training on Shell Programming)	2016	Once	40 hours
Infosys Campus Connect	2015	Once	40 hours
BCT_(Database Management System)	2016	Once	40 hours
BCT_(Web Technology)	2016	Once	40 hours
BCT_(Cryptography and Network Security)	2016	Once	40 hours
Training program on Total Quality Management	2016	Once	40 hours

* Beyond Curriculum Training

Principal
Narula Institute of Technology
81, Nilgunj Road, Agarpara
Kolkata-700 109