



Netaji Subhas Institute of Technology

Approved by AICTE and Affiliated to AKU, Patna



Workshop

ON

“SOLIDWORKS”

04th Feb to 09th Feb, 2019

Organized by

Department of Mechanical Engg.

Coordinators

Mr. Atul Jyoti, NSIT Patna

Mr. D. Gautam, NSIT Patna

ABOUT NSIT BIHTA, PATNA

Netaji Subhas Institute of Technology established in 2007, with first batch started in 2008 has its magnificent campus at Amhara in the district of Patna, Bihar, The nearest railway station is Bihta about 2 kilometres from the institute campus and about 25 KM from Patna A railway junction the state capital and major business and Educational hub of the state. Bihta is the industrial hub and blessings nerve centre of the entire state of Bihar. SIT, A Degree level Engineering Institute has become a "An effective source of Technocrats to the nation". with its unique infrastructural facilities of 4,00,000 Sq.Ft. of built up area on approximately 18 acres of green lush land at Amhara, Bihta, Patna, Ambience at the campus serve and Ashram like. The college offers 4 yaers B.Tech courses in CSE, ECE, EEE, ME and CE.

ABOUT DEPARTMENT OF ME

Mechanical engineering department is one of the oldest and leading departments of NSIT Patna. Having well-equipped laboratories and highly qualified faculties indeed contributes significantly to the overall learning experience of students. The exposure to well-equipped laboratories provides students with the opportunity to understand the practical aspects of mechanical engineering; helping them bridges the gap between theoretical knowledge and its practical applications. The ME has the intake of 180 students and approved by AICTE and affiliated to AKU, Patna

DEPARTMENT VISION

To bring forth quality engineering embodying societal ethical to serve and multinational organization as well as harping on higher studies.

DEPARTMENT MISSION

- To create a modern atmosphere focusing on advanced pedagogy and tools for mechanical engineers.
- To collaborate with domain industry and research institutes to enhance the skills and knowledge of the graduates.
- To implant necessary professional skills to serve the industry and the nation.
- To inculcate humanitarian ethical values in graduates through various social –cultural activities.

OBJECTIVE

The department of ME of NSIT, Bihta is going to workshop on solidworks theory and practice for Solidworks is high level technical solid modeling widely used among the engg. Community. Solid w design a product manufacturing in various ind comprises basic introduction to different modeling of assembly of machine parts.

WORKSHOP CONTENT

- ❖ Introduction to Solidworks
- ❖ Drawing and Creating Complex Object
- ❖ Solidworks Preparing 3D drawing
- ❖ Solidworks-Beyond Basic and Creating Bloc

Registration Fee

The participation fees Rs 500/- only

Mode of registration :- Spot

For More Information Contact us on :-

7781020359, 7781020361, 9102403270

RESOURCE PERSON

Ujjawal Kumar, Centre Head

National Design School, Patna

PATRONS

Mr. M. M. Singh, Founder Secretary, NSIT

Mr. Krishna Murari, Registrar, NSIT

Dr. S. Singh, Director, NSIT

EVENT CHAIR

Dr. Aniket Dutt, Dean, NSIT

CONVENOR

Mr. P. K. Sinha, HOD, ME, NSIT



Director
Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN-801106



NETAJI SUBHAS INSTITUTE OF TECHNOLOGY

APPROVED BY AICTE, NEW DELHI AND DEPT OF SCIENCE & TECHNOLOGY, GOVT. OF BIHAR
AFFILIATED TO ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA
AMHARA, BIHTA, PATNA-801118, BIHAR

Session 2018-2019

Date: 24-Jan-2019

Notice

It is hereby informed to all students of 6th and 8th Semester of Mechanical and Civil Engineering department that a certificate course on “**Solidworks**” is going to be held in the college with National Design School, Patna from 04th Feb 2019 to 09th Feb 2019. The registration fee is Rs.500/-.The interested Student should register their name on or before 01st Feb, 2019

Aniket Datta
Dean, NSIT

Dean (Academics)
Netaji Subhas Institute of Technology
Amhara, Bihta, Patna.

Copy to:

1. Director, NSIT
2. Dean, NSIT
3. Notice Board



[Signature]
Director

Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN-801106

**NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, BIHTA
DEPARTMENT OF MECHANICAL ENGINEERING**

Session 2018-2019

Add on Course on "SOLID WORKS"

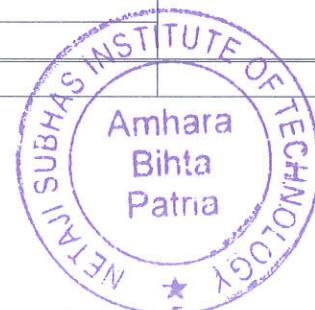
Course Content:

Day	Topic	SubTopic	Duration (inHours)
1 & 2	Introduction to CAD	Starting SOLIDWORKS	4
		Solid Works Graphical User Interface	
		Working with commands	
		Opening an Existing drawing file	
		Saving your work	
		Solid Work's Toolbars	
3 & 4	Basic Drawing & Editing Command	Sketch Entities – Inference line, Centerline line, Line, Circle, Arc, Ellipse, Rectangle, Slots, Polygon, Ellipse, Partial Ellipse, Spline, Points, Text, Construction geometry,	4
		Sketch Tools - Fillet, Chamfer, Offset, Convert entities, Trim, Extend, Mirror, Dynamic Mirror, Move, Copy, Rotate, Scale, Stretch, Sketch pattern	
UNIT 2: Drawing & Creating Complex Object			
Day	Topic	SubTopic	Duration (inHours)
5 & 6	Relations and Dimensioning	Adding Sketch Relation	4
		Automatic relations	
		Fully defines sketch	
		Creating reference planes	
7 & 8	Advance object type, Getting information & Editing commands	Drawing Arcs, Polylines	4
		Editing Polyline,	
		Drawing Polygon & Ellipses	
		Measure Object & Properties	
		Create fillets & Chamfers	
		Offsetting object	
		Creating Array of object	
		Inserting Block & Tool Palettes	

Director

Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN-801106

Am



UNIT3SOLIDWROKS-Preparing3Ddrawing			
Day	Topic	SubTopic	Duration (inHours)
9&10	CreatingExtrude features	Direction1,Direction2,Fromoption, Thin feature,Applying draft, Selecting contours	4
	CreatingRevolve features	SelectingAxis,Thinfeatures,Selecting contours	
11&12	CreatingSwept features	SelectingProfileandPath,Thinfeature	4
	Creatingloft features	SelectingProfiles,Guidecurves	

UNIT4:SOLIDWROKS-BeyondBasic&Creating Block			
Day	Topic	SubTopic	Duration (inHours)
13&14	Selectinggeometries	SelectionManager,MultipleBody concepts	4
	CreatingReference Creating curves	points,axis,coordinates	
		Splitcurve,Projectcurve,Composite curve,Curvethroughpoints,Helixand Spiral	
15&16	CreatingFilletfeatures and Creating Chamfer CreatingPattern	Addingfurthersmoothnesstothe drawing Linear pattern, Circular pattern, Sketch drivenpattern,Curvedrivenpattern,Fill pattern, mirror	4

Total

32 Hours

Director
Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN-801106

Amu



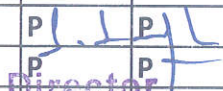
NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, BIHTA

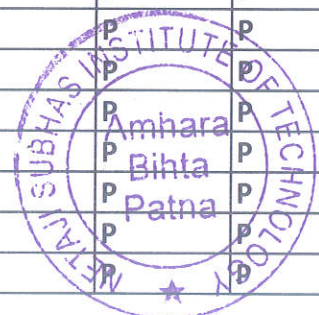
Session 2018-2019

Add on Course on "Solidworks"

Attendance Sheet

Sr.No	Name of Student	04-Feb	05-Feb	06-Feb	07-Feb	08-Feb	09-Feb
1	MD AZMAT ALAM	P	P	P	P	P	P
2	DILEEP KUMAR SHARMA	P	P	P	P	P	P
3	MD SHAHBAZ	P	P	P	P	P	P
4	MD ABID HUSSAIN	P	P	P	P	P	P
5	BHARAT BHUSHAN	P	P	P	P	P	P
6	RANJEET KUMAR	P	P	P	P	P	P
7	PRADEEP KUMAR	P	P	P	P	P	P
8	PRIYANSHU	P	P	P	P	P	P
9	VIVEK KUMAR RANA	P	P	P	P	P	P
10	ABHAY RAJ	P	P	P	P	P	P
11	SUNIL KUMAR	P	P	P	P	P	P
12	DHARMENDRA KUMAR	P	P	P	P	P	P
13	SUMIT RAI	P	P	P	P	P	P
14	SACHIN KUMAR	P	P	P	P	P	P
15	RASHID ANWER	P	P	P	P	P	P
16	ANISH RAJ	P	P	P	P	P	P
17	KUMAR GAURAV	P	P	P	P	P	P
18	SHAHBAAZ ALI KHAN	P	P	P	P	P	P
19	AYUSH KUMAR	P	P	P	P	P	P
20	Soni Kumari	P	P	P	P	P	P
21	MD GUFRAN JAWED	P	P	P	P	P	P
22	MD ZAKI AHMAD	P	P	P	P	P	P
23	RAVI RAJ	P	P	P	P	P	P
24	PIYUSH RANJAN	P	P	P	P	P	P
25	AHMAD HARIS	P	P	P	P	P	P
26	AMAN RAJ	P	P	P	P	P	P
27	ANKIT RAJ SINHA	P	P	P	P	P	P
28	JAYANT KUMAR	P	P	P	P	P	P
29	RAVI KUMAR	P	P	P	P	P	P
30	MD WAZIR AZAM	P	P	P	P	P	P
31	AKRITI ANAND	P	P	P	P	P	P
32	NAVIN KUMAR	P	P	P	P	P	P
33	MANIKANT	P	P	P	P	P	P
34	ANSHU KUMARI	P	P	P	P	P	P
35	PRAVIN KUMAR MANDAL	P	P	P	P	P	P
36	NITESH KUMAR	P	P	P	P	P	P
37	YASHWANT KUMAR	P	P	P	P	P	P
38	HIMANSHU KUMAR SINGH	P	P	P	P	P	P
39	HIMANSHU KUMAR	P	P	P	P	P	P
40	PURNIMA MISHRA	P	P	P	P	P	P
41	MD RAZY AHMAD KHAN	P	P	P	P	P	P
42	VIVEK KUMAR	P	P	P	P	P	P
43	ASHISH RAJ	P	P	P	P	P	P

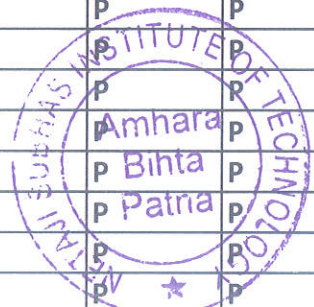

 Director
 Netaji Subhas Institute of Technology
 Amhara, Patna, Bihar
 Pin - 800 005




 Amhara

44	ANKUR KUMAR	P	P	P	P	P	P
45	Happy Singh	P	P	P	P	P	P
46	VAIBHAV KUMAR	P	P	P	P	P	P
47	SANJAY PRAKASH	P	P	P	P	P	P
48	SAIF ALI KHAN	P	P	P	P	P	P
49	DHIRAJ KUMAR	P	P	P	P	P	P
50	MD SHAKIR HASHMI	P	P	P	P	P	P
51	MD ARMAN USMANI	P	P	P	P	P	P
52	ANSHU	P	P	P	P	P	P
53	MD MUZZAMMIL SHAMIM	P	P	P	P	P	P
54	AKSHAY KUMAR BHASKAR	P	P	P	P	P	P
55	GULSHAN KUMAR	P	P	P	P	P	P
56	MD AKRAM AKHTER	P	P	P	P	P	P
57	AVINASH KUMAR	P	P	P	P	P	P
58	SUKRITI SRIVASTAVA	P	P	P	P	P	P
59	INZAMAMUL TAUHEED	P	P	P	P	P	P
60	Vipin Deo	P	P	P	P	P	P
61	SAMEER RAJ	P	P	P	P	P	P
62	RAHUL KUMAR CHAUDHARY	P	P	P	P	P	P
63	BHAWANA BHARTI	P	P	P	P	P	P
64	KRISHNA KANT PANDEY	P	P	P	P	P	P
65	MD SHAHRUKH	P	P	P	P	P	P
66	Anukrit Swaraj	P	P	P	P	P	P
67	MD TAUHID	P	P	P	P	P	P
68	SANTOSH KUMAR	P	P	P	P	P	P
69	PREM PRATEEK	P	P	P	P	P	P
70	CHANDAN KUMAR	P	P	P	P	P	P
71	MD AJAZ AHMAD	P	P	P	P	P	P
72	MD SHAHNAWAZ ALI	P	P	P	P	P	P
73	SHWETA KUMARI	P	P	P	P	P	P
74	KESHAV KUMAR	P	P	P	P	P	P
75	SUJEET KUMAR	P	P	P	P	P	P
76	NIRAJ KUMAR	P	P	P	P	P	P
77	SABBIR KUMAR SONU	P	P	P	P	P	P
78	MD ARBAZ AKHTAR	P	P	P	P	P	P
79	PARITOSH KUMAR DIXIT	P	P	P	P	P	P
80	PRINCE KUMAR	P	P	P	P	P	P
81	VISHAL RAJ	P	P	P	P	P	P
82	ASHISH RANJAN PRASAD SINGH	P	P	P	P	P	P
83	PREETI ARYA	P	P	P	P	P	P
84	RAHUL KUMAR	P	P	P	P	P	P
85	KUMAR ABHISHEK	P	P	P	P	P	P
86	SUMIT KUMAR	P	P	P	P	P	P
87	ZAINAB KHATOON	P	P	P	P	P	P
88	SAURABH MISHRA	P	P	P	P	P	P
89	Rajeev Ashoka	P	P	P	P	P	P
90	RAHUL RANJAN	P	P	P	P	P	P
91	NANDINI KUMARI	P	P	P	P	P	P
92	SHUBHAM KUMAR	P	P	P	P	P	P
93	AMIT KUMAR	P	P	P	P	P	P
94	ANUJ KUMAR	P	P	P	P	P	P
95	SALONI RANI	P	P	P	P	P	P

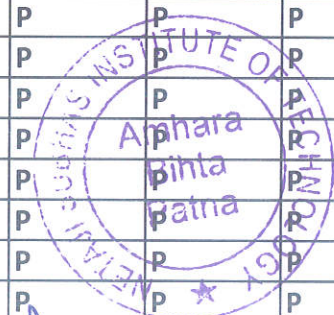
Director
Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN-801106



Am

96	ANANYA AMAN	P	P	P	P	P	P
97	PUSHP PULKIT	P	P	P	P	P	P
98	FARHAAN AKHTER	P	P	P	P	P	P
99	JYOTI KALASH	P	P	P	P	P	P
100	ABID ABBAS	P	P	P	P	P	P
101	SUMAN KUMARI	P	P	P	P	P	P
102	SUDARSHAN KUMAR SONU	P	P	P	P	P	P
103	ROHIT KUMAR GUPTA	P	P	P	P	P	P
104	RUDRA PRATAP	P	P	P	P	P	P
105	MD EJAZ HUSSAIN	P	P	P	P	P	P
106	RANGESH KUMAR	P	P	P	P	P	P
107	ANJALI PRIYA	P	P	P	P	P	P
108	SHWETA SINGH	P	P	P	P	P	P
109	AKASH KUMAR	P	P	P	P	P	P
110	ANKIT KUMAR	P	P	P	P	P	P
111	MD SAIF ALI	P	P	P	P	P	P
112	SUJEET KUMAR RAY	P	P	P	P	P	P
113	MD ANISUR RAHMAN	P	P	P	P	P	P
114	AMAN	P	P	P	P	P	P
115	MD AFROZ	P	P	P	P	P	P
116	ASADULLAH ANSARI	P	P	P	P	P	P
117	SAURAV KUMAR	P	P	P	P	P	P
118	KHUSHWANT SINGH	P	P	P	P	P	P
119	PRAVEEN KUMAR	P	P	P	P	P	P
120	MD OSAMA JAFRY	P	P	P	P	P	P
121	MRITUNJAY KUMAR	P	P	P	P	P	P
122	KANCHAN SINHA	P	P	P	P	P	P
123	KHUSHI SANSKRITI	P	P	P	P	P	P
124	NEELKAMAL	P	P	P	P	P	P
125	VIJAY KRISHNA RAJ	P	P	P	P	P	P
126	KAMALKANT KUMAR	P	P	P	P	P	P
127	MD SAIF AHMAD	P	P	P	P	P	P
128	Manish Kumar Yadav	P	P	P	P	P	P
129	PAWAN KUMAR	P	P	P	P	P	P
130	SMITA KUMARI	P	P	P	P	P	P
131	Ashif Eabal	P	P	P	P	P	P
132	Md Hassan Salim	P	P	P	P	P	P
133	Satish Kumar	P	P	P	P	P	P
134	UJJWAL KUMAR	P	P	P	P	P	P
135	Suruchi Kumar	P	P	P	P	P	P
136	AMIT RAJ	P	P	P	P	P	P
137	AUSAF ALAM	P	P	P	P	P	P
138	Prashant Kumar	P	P	P	P	P	P
139	Arunjay Kumar	P	P	P	P	P	P
140	Abhijeet Prakash	P	P	P	P	P	P
141	Manish Kumar Singh	P	P	P	P	P	P
142	Vivek Ranjan	P	P	P	P	P	P
143	Rajan Kumar Singh	P	P	P	P	P	P
144	Md Kaish Ansari	P	P	P	P	P	P
145	Santosh Kumar	P	P	P	P	P	P
146	Nandjee Upadhyay	P	P	P	P	P	P
147	Manisha Kumari	P	P	P	P	P	P

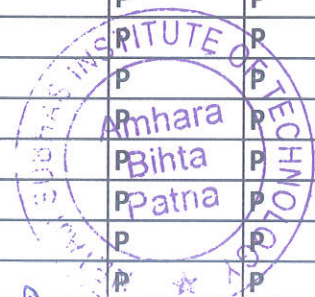
Director
Netaji Subhas Institute of Technology
Aubara, Bina, Patna, Bihar
PIN 801 001



148	Vikash Kumar Rai	P	P	P	P	P	P
149	Nitish Kumar	P	P	P	P	P	P
150	Utkarsh Raj Sinha	P	P	P	P	P	P
151	Md Mumtaj Alam	P	P	P	P	P	P
152	Md Zishan Haider	P	P	P	P	P	P
153	MD AAMIR	P	P	P	P	P	P
154	MD FARHAD AHMAD	P	P	P	P	P	P
155	Alok Kumar	P	P	P	P	P	P
156	Iftexhar Imam	P	P	P	P	P	P
157	KUMAR SHUBHAM	P	P	P	P	P	P
158	SAURABH MISHRA	P	P	P	P	P	P
159	Anil Kumar Singh	P	P	P	P	P	P
160	Md Sharique	P	P	P	P	P	P
161	Anup Raj	P	P	P	P	P	P
162	Nishant Kumar	P	P	P	P	P	P
163	Swadesh Mohan	P	P	P	P	P	P
164	Sintu Kumar	P	P	P	P	P	P
165	Jayesh	P	P	P	P	P	P
166	Md Tipu Sultan	P	P	P	P	P	P
167	Vikash Roushan	P	P	P	P	P	P
168	Rahul Ranjan	P	P	P	P	P	P
169	Keerti Kumari	P	P	P	P	P	P
170	Abhisek Kumar	P	P	P	P	P	P
171	Vikash Kumar	P	P	P	P	P	P
172	Sonu Raj	P	P	P	P	P	P
173	Akash Kumar	P	P	P	P	P	P
174	Tirupati Nand Jee	P	P	P	P	P	P
175	Abhishek Saksena	P	P	P	P	P	P
176	Sumit Kumar	P	P	P	P	P	P
177	Ankit Shahi	P	P	P	P	P	P
178	Nivesh Kumar	P	P	P	P	P	P
179	Vikas Kumar	P	P	P	P	P	P
180	Md Danish Alam	P	P	P	P	P	P
181	MD ZULNAIN AKHTAR	P	P	P	P	P	P
182	Piyush Kumar	P	P	P	P	P	P
183	Jazbi Taufique	P	P	P	P	P	P
184	Uttam Kumar	P	P	P	P	P	P
185	Kishan Kumar	P	P	P	P	P	P
186	Md Abid	P	P	P	P	P	P
187	Ravi Ranjan Kumar	P	P	P	P	P	P
188	Ramadhari	P	P	P	P	P	P
189	Arun Kumar	P	P	P	P	P	P
190	Sudarshan Kumar	P	P	P	P	P	P
191	Rajeev Ranjan Kumar	P	P	P	P	P	P
192	MAYANK SINGH	P	P	P	P	P	P
193	Ravi Kumar	P	P	P	P	P	P
194	Manish Kumar	P	P	P	P	P	P
195	Pawan Kumar	P	P	P	P	P	P
196	Osaid Usmani	P	P	P	P	P	P
197	SATISH KUMAR	P	P	P	P	P	P
198	Deepak Kumar	P	P	P	P	P	P
199	MD SAJJAD WALI	P	P	P	P	P	P

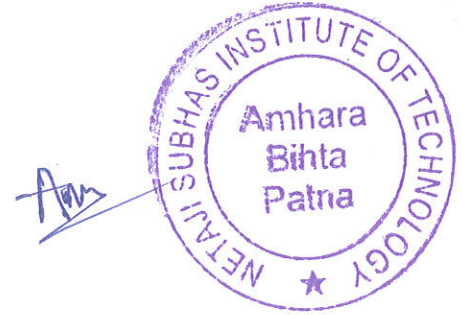
Director

Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN - 801 005



Am

200	Rumana Appi	P	P	P	P	P	P
201	Mohit Kumar	P	P	P	P	P	P
202	Alok Kumar	P	P	P	P	P	P
203	Ranjan Pal	P	P	P	P	P	P
204	Rajvanshi Chandralok	P	P	P	P	P	P
205	Md Iqbal Anwer	P	P	P	P	P	P
206	Abhishek Nath Mathur	P	P	P	P	P	P
207	Irshad Alam	P	P	P	P	P	P
208	FARDEEN KHAN	P	P	P	P	P	P
209	Anand Raj	P	P	P	P	P	P
210	Rahul Kumar	P	P	P	P	P	P
211	Rohan Raj	P	P	P	P	P	P
212	Pratik Kumar	P	P	P	P	P	P




Director
Netaji Subhas Institute of Technology
Amhara, Bihta, Patna, Bihar
PIN-801106