



MECHANICAL ENGINEERING DEPARTMENT

A Report on

One Day “Hands-on Workshop on Vertical Machining Centre (VMC PX-20)” on 26-2-2020

OBJECTIVES OF THE PROGRAMME:

The Purpose of the workshop to understand the fundamentals of CNC part programing and Operation on VMC (Vertical Machining Centre) machine.

- To Bridge the gap between Academic and Industrial Practice regarding Automation in manufacturing.
- To Explore Computer Aided Manufacturing.
- To describe the fundamentals of CNC Part Programming, various processes related to Automation, applications and implications.
- To make the participants aware about the concept, Manufacturing of components, Part Programming of parts and manufacturing on VMC Machine.
- To provide experience to the participants making the topic more clear.

EXPERT SPEAKERS:

1. Mr. Ripal C. Patel : Assistant Professor (Mechanical Engineering Department, S. N. Patel Institute of Technology & Research Centre, Umrakh.)

PARTICIPANT DETAILS: ANNEXURE-I

Total 72 Participants had participated from final year students of **A.Y. Dadabhai Technical Institute..**

OUTCOME OF THE WORKSHOP:

1. The workshop was divided in three session:
 - a. : Introduction machine setup.
 - b. : part programing and Hands on practice on VMC PX-20.
2. Mr. Ripal C. Patel explained basics of part program, how to write part program in VMC machine, set up of tool and work-piece and operation of VMC machine by the participants. .

The sessions were interactive and the speaker answered the queries of the participants in best possible manner.

WORKSHOP INVITATION: ANNEXURE II

WORKSHOP SCHEDULE : ANNEXURE III

WORKSHOP PHOTOGRAPHS : ANNEXURE IV

WORKSHOP BANNER : ANNEXURE V

WORKSHOP CERTIFICATES AND PARTICIPANT FEEDBACKS: ANNEXURE VI



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PARTICIPANT DETAILS: ANNEXURE-I

Sr. No.	Name of Student	Sr. No.	Name of Student
1	Chauhan digvijay	37	pankha wala mahammed Rehan mahammed saeed
2	Harsh A. Salunke	38	Parmar Bhavik Bhai Ashok Bhai
3	Bhajjiya Yahya ismail	39	Diven m parmar
4	Kher chiragkumar balavantsinh	40	PARMAR HEMESHBHAI RAMESHBHAI
5	Mirza alfahad beg nishar beg	41	Parmar Rajveersinh Dharmendrasinh
6	Panchal saumil guruprasad	42	PATEL BHAVINKUMAR ISHVARBHAI
7	PARMAR HIMANSHU NATVARBHAI	43	Patel DhavalKumar Naranbhai
8	prajapati krunal Vijaybhai	44	Patel DixitKumar Ketanbhai
9	Rana Dharmjeetsinh Jitendrasinh	45	Priyanshu patel
10	Solanki miheer ramanlal	46	Ronish H. Patel
11	Mayankkumar rakeshbhai vasava	47	Patel sabeer mubin
12	GOHIL HITESHKUMAR CHANDUBHAI	48	sanyam h prajapati
13	Adhyaru Jay	49	Prajapati het rameshbhai
14	Ataliwala Kartik	50	QURESHI MOHAMMAD MARUF
15	CHAUDHARI MEET KANTIBHAI	51	Rana jaiminkumar manoj bhai
16	CHAUDHRY CHANDAN VINAY	52	SHAIKH MOHD JUNAID MOHD RAFI
17	Chauhan Afzal Talib	53	SHAIKH SAMEERAHMED ABDUL RASHID
18	Chauhan vishalkumar harendrasinh	54	SHAHIL ALIBAKSH SHAIKH
19	Chawala Mohammedaminuddin Haji basirahmed	55	RAMEEZ RAHIM SHAIKH
20	DARJI HAPPYKUMAR PANKAJBHAI	56	Sindha mahammedsahid Salim
21	Gandhi Jainam Jigneshbhai	57	Raiyan Salim Solanki
22	Gayakwad Madhavkumar Sanjaybhai	58	Rushang.N.Solanki
23	Gond Akhilesh shambhu prasad	59	Srivastava Shyamkumar Premlal
24	Gora Usman Asif	60	Tiwari Aditya Chhoteji
25	Mo.kaif mo.salim hansoti	61	Vaghela Parth kishorkumar
26	LIMBADA TOSIF ASLAM	62	Vasava Ankit natvarbhai
27	Machhi jay Kumar Suresh Bhai	63	Vasava Dharmeshkumar Dineshbhai
28	Malek safwan khalidali	64	VASAVA DHAVAL KUMAR BALVANT BHAI
29	Malik Nitin Abasaheb	65	Dhruvrajsinh.H.Vasvaria
30	Mansoor sufiyan mahmed rafik	66	Yadav durga Chandrabhan
31	Mansuri mohmedtahir Ashif	67	Nilesh yadav
32	Yahiya Usman Masra	68	Pasi Vishalkumar jayeshbhai
33	Modi Alpeshkumar pareshbhai	69	Rana jay
34	Od Rohitkumar Manharbhai	70	Harsh Sonar
35	Panchal bhavin kIshorbhai	71	Mohmad saad shaikh
36	panchal rutvikkumar sanjaybhai	72	Sharma ankitkumar



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ANNEXURE III WORKSHOP SCHEDULE

Date:- 26-02-2020

Time	Session	Location
10:00 to 10:30 am	Registration & Breakfast + Tea	Ground floor – Workshop Building
10:30 to 11:00am	Inaugural	Workshop Seminar Hall
11:30 to 12:00 pm	Introduction to Machine Set-up + Basic codes	Workshop Seminar Hall
12:00 to 1:00 pm	Lunch	Ground floor – Workshop Building
1:00 to 2:00 pm	Part-Programing and Hands-on practice on VMC PX-20 Batch-A	VMC Lab
2:00 to 3:00 pm	Part-Programing and Hands-on practice on VMC PX-20 Batch-B	VMC Lab
3:00 to 3:15 pm	Valedictory	Workshop Seminar Hall

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ANNEXURE IV- PHOTOGRAPHS

Session: 1 Inaugural & Theory Session



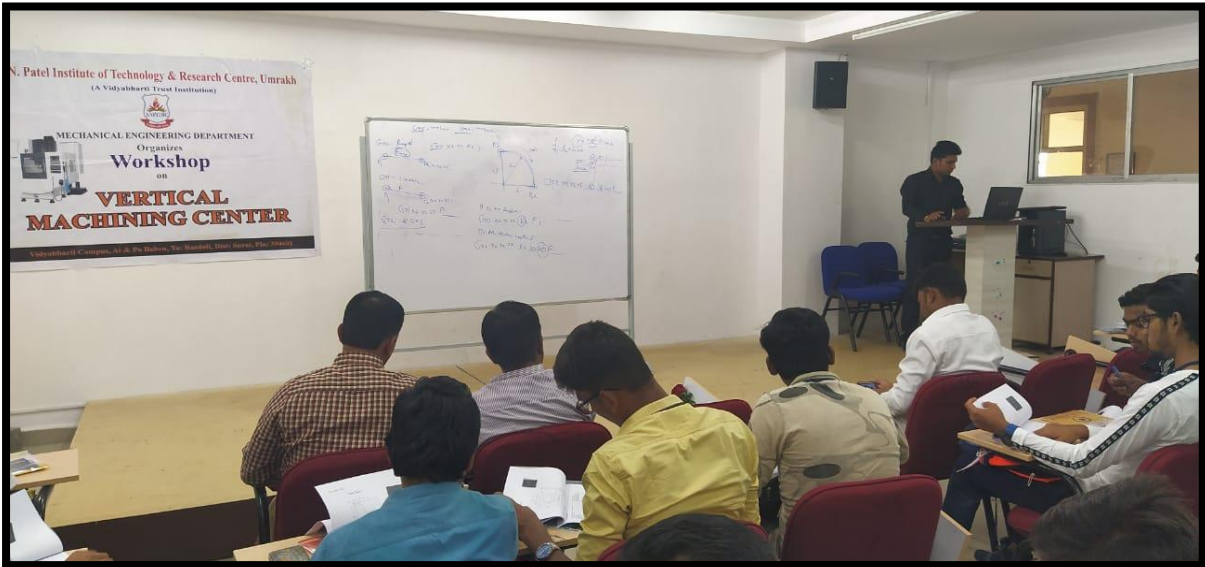


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Session 2 Hands on practice on VMC PX-20





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ANNEXURE V WORKSHOP BANNER

S. N. Patel Institute of Technology & Research Centre, Umrakh
(A Vidyabharti Trust Institution)



MECHANICAL ENGINEERING DEPARTMENT
Organizes
Workshop
on
**VERTICAL
MACHINING CENTER**



Vidyabharti Campus, At & Po Baben, Ta: Bardoli, Dist: Surat, Pin: 394601



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WORKSHOP CERTIFICATES AND PARTICIPANT FEEDBACKS: ANNEXURE VI

A. CERTIFICATE DISTRIBUTION





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B. FEEDBACK BY PARTICIPANTS



PARTICIPANTS CERTIFICATES

