

Information of Faculty [CAY (2024-25)]

Please provide the list of faculty in the Department as per the below format separately (year wise) for each year under consideration:

S. No.	Name	PAN No.	Qualification	Area of Specialization	Designation	Date of Joining	Date on which Designated as Professor / Associate Professor	Currently Associated (Y/N)	Nature of Association (Regular/Contract/Adjunct)	If contractual mention Full time or Part time	Date of Leaving (In case Currently Associated is " No ")
1	Dr. Rajesh N Patel	AAAMPP3 763F	Ph.D.	Supercritical Fluid Extraction, Energy and Chemicals from Biomass, Turbo machines	Professor & Director	16/08/1995	25/09/2007	Y	Regular	NA	NO
2	Dr. Kaushik M. Patel	AAZPP0 665R	Ph.D.	Manufacturing Processes and analysis	Professor & Head of Dept.	07/01/1997	22/10/2011	Y	Regular	NA	NO
3	Dr. Vikas J Lakhara	ABAPL6 153A	Ph.D.	Experimental & Computational Heat Transfer, Energy Studies	Professor	15/01/1997	05/11/2009	Y	Regular	NA	NO
4	Dr. Bharat A. Modi	ACKPM2 476Q	Ph.D.	Manufacturing Processes, Advanced Metal Forming, Industrial Automation	Professor	14/12/1996	03/02/2015	Y	Regular	NA	NO
5	Dr. Shashikant J. Joshi	ADHPJ1 291N	Ph.D.	Stress Analysis, Composite Materials, Fracture Mechanics	Professor	10/03/2003	01/03/2018	Y	Regular	NA	NO
6	Dr. (Ms.) Reema R. Trivedi	ABBPT0 051A	Ph.D.	MEMS, FEA, CAD, Optimization	Professor	05/09/1997	02/09/2022	Y	Regular	NA	NO



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7	Dr. Absar M. Lakdawala,	ABLPL1112E	Ph.D.	CFD Analysis of thermal system, Alternate fuels, Design and simulation of thermal systems	Professor	02/07/2001	02/09/2022	Y	Regular	NA	NO
8	Dr. Bimalkumar Mawandiya	ACRPM8608H	Ph.D.	Supply Chain Management, Production Planning & Inventory Management, Quality Control and Engineering, Lean & Six Sigma	Associate Professor	03/05/2003	21/05/2008	Y	Regular	NA	NO
9	Dr. Niraj K. Shah	AIGRS0467F	Ph.D.	Rarefied Gas Dynamics, CFD Analysis of Thermal Systems, Alternate Fuels and I C Engine Energy Conservation, Thermal	Associate Professor	21/10/1999	03/02/2015	Y	Regular	NA	NO
10	Dr. Sanjay V Jain	ADMJP6889P	Ph.D.	Hydraulic Machines, Computational Fluid Dynamics, Renewable Energy System	Associate Professor	01/11/2001	03/02/2015	Y	Regular	NA	NO



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217

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11	Dr. Nilesh D. Ghetiya	AEXPG2 487C	Ph.D.	Manufacturing processes and its analysis, Powder metallurgy, microwave material processing	Associate Professor	15/06/2001	09/04/2015	Y	Regular	NA	NO
12	Dr. A. M. Achari	BGCPA4 016K	Ph.D.	Thermodynamics, Fluid Mechanics, Heat Transfer, Mechanics, Power Plant Engineering	Associate Professor	05/07/2016	05/07/2016	Y	Regular	NA	NO
13	Dr. Jatin M. Dave	AHDPD4 282H	Ph.D.	Stress Analysis, Robotics, Kinematics, Computer Aided Design	Associate Professor	01/08/2005	17/02/2022	Y	Regular	NA	NO
14	Prof. (Ms.) Darshita J. Shah	AGWPP5 391D	Ph.D.	Fracture Mechanics, Dynamics of machines, Robotics and Automation	Assistant Professor	07/06/2001	-	Y	Regular	NA	NO
15	Dr. Vipul M. Bhojawala	AGVPB5 425F	Ph.D.	Nonlinear analysis of electrostatically actuated MEMS/NEMS, Bearing Fault Diagnosis, Mechanical vibration	Assistant Professor	12/08/2002	-	Y	Regular	NA	NO



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17	Dr. Mihir M. Chauhan	AHHPC3985E	Ph.D.	Stress Analysis, Robotics, Design and Dynamics	Assistant Professor	28/05/2008	-	Y	Regular	NA	NO
18	Dr. Balkrushna A. Shah	BJIPS4135C	Ph.D.	Refrigeration and Air Conditioning, Cryogenic, Alternative Energy Sources	Assistant Professor	21/07/2006	-	Y	Regular	NA	NO
19	Dr. Dhaval V. Patel	AORPP8036N	Ph.D.	Monitoring of Machines, Machine Design, Finite Element Analysis	Assistant Professor	01/07/2009	-	Y	Regular	NA	NO
20	Dr. Dhaval B. Shah	BGEPS6129M	Ph.D.	Finite Element Analysis, Composite Materials, Computer Aided Design, Design and Dynamics, Additive Manufacturing	Assistant Professor	01/07/2009	-	Y	Regular	NA	NO



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21	Prof. Ath S. Singhal	CKAPS3 797N	M.Tech.	Nanofluids, Heat Exchangers, Thermal Engineering, Automobiles and IC Engines, Wind Turbine	Assistant Professor	09/07/2009	-	Y	Regular	NA	NO
22	Dr. (Ms.) Shruti C. Bhatt	AXAPM3 885E	Ph.D.	Manufacturing automation, Mechatronics, Robotics, Microwave material processing	Assistant Professor	26/02/2010	-	Y	Regular	NA	NO
23	Dr. Anand A. Bhatt	ALJPB1 530C	Ph.D.	Fluid Flow, CFD, Boiler & Pump performance, I.C. Engine	Assistant Professor	02/04/2012	-	Y	Regular	NA	NO
24	Prof. Tejas N. Raval	AWWPR 9283Q	M.Tech.	Hydraulic Machines, Internal combustion engines, Power plant engineering	Assistant Professor	11/06/2012	-	Y	Regular	NA	NO
25	Dr. Mayur A. Makhesana	BFSPM5 792R	Ph.D.	Materials Processing and Manufacturing, Micro manufacturing and finishing processes, Additive Manufacturing	Assistant Professor	12/06/2012	-	Y	Regular	NA	NO



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26	Dr. Darshit S Upadhyay	ABPPU4 198K	Ph.D.	Gasification Technology, Renewable Energy, waste management	Assistant Professor	20/10/2012	-	Y	Regular	NA	NO
27	Dr. Hiren M. Prajapati	BZEPP9 740C	Ph.D.	Design and Dynamics of machines	Assistant Professor	01/07/2013	-	Y	Regular	NA	NO
28	Dr. Rudreshkumar D.Makwana	BHMPM 2927E	Ph.D.	Material science, Computer aided manufacturing, Forming	Assistant Professor	01/07/2013	-	Y	Regular	NA	NO
29	Prof. Saumil Desai	AXGPD8 234L	M.E.	Machine Tool Design, Mechatronics	Assistant Professor	21/11/2013	-	Y	Regular	NA	NO
30	Dr. Prashant J Bagga	AETPB3 910R	Ph.D.	Computer integrated manufacturing, Production technology, Machine vision	Assistant Professor	13/07/2016	-	Y	Regular	NA	NO
31	Dr. Shebaz Memon	BKVPM 7427F	Ph.D.	Energy Conversion and Optimisation, Energy Economics, Fluid Machinery, Computational Fluid Dynamics	Assistant Professor	13/07/2016	-	Y	Regular	NA	NO

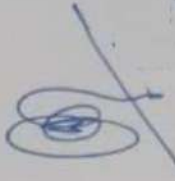


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33	Dr. Arvind Sankhla	ANYPS5 051Q	Ph.D.	Powder Metallurgy, Manufacturing processes	Assistant Professor	17/09/2016	-	Y	Regular	NA	NO
34	Prof. Vishal Mehta	BBUPM 1589E	M.Tech.	Robotics, Stress Analysis, Mechanical Design	Assistant Professor	01/08/2016	-	Y	Regular	NA	NO
35	Prof. Roshan Tandel	BAYPT9 407K	M.Tech.	Erosion in hydro turbines, Renewable Energy	Assistant Professor	03/08/2016	-	Y	Regular	NA	NO


Director
 Institute of Technology
 Nirma University
 Ahmedabad


(Dr. K. M. Patel)
 PROFESSOR & HEAD
 MECHANICAL ENGG DEPARTMENT
 INSTITUTE OF TECHNOLOGY
 NIRMA UNIVERSITY, AHMEDABAD

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10	Dr. Sanjay V Jain	ADMPJ6 889P	Ph.D.		Associate Professor	01/11/ 2001	03/02/2015	Y	Regular	NA	NO



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12	Dr. A M. Achari	BGCPA4 016K	Ph.D.	Thermodynamics, Fluid Mechanics, Heat Transfer, Power Mechanics, Power Plant Engineering	Associate Professor	05/07/2016	05/07/2016	Y	Regular	NA	NO
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19	Dr. Dhaval V. Patel	AORPP8 036N	Ph.D.	Condition Monitoring of Machines, Machine Design, Finite Element Analysis	Assistant Professor	01/07/2009	-	Y	Regular	NA	NO
20	Dr. Dhaval B. Shah	BGEPS6 129M	Ph.D.	Finite Element Analysis, Composite Materials, Computer Aided Design, Design and Dynamics, Additive Manufacturing	Assistant Professor	01/07/2009	-	Y	Regular	NA	NO



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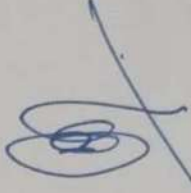


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23	Dr. Anand A. Bhatt	ALJPB1 530C	M.Tech.	Fluid Flow, CFD, Boiler & Pump performance, I.C. Engine	Assistant Professor	02/04/ 2012	-	Y	Regular	NA	NO
24	Prof. Tejas N Raval	AWWPR 9283Q	M.Tech.	Hydraulic Machines, Internal combustion engines, Power Plant engineering	Assistant Professor	11/06/ 2012	-	Y	Regular	NA	NO
25	Dr. Mayur A Makhesana	BFSPM5 792R	Ph.D.	Materials Processing and Manufacturing, Micro manufacturing and finishing processes, Additive Manufacturing	Assistant Professor	12/06/ 2012	-	Y	Regular	NA	NO



5/7

(Signature)


S. No.	Name	PAN No.	Qualification	Area of Specialization	Designation	Date of Joining	Date on which Designated as Professor / Associate Professor	Currently Associated (Y/N)	Nature of Association (Regular/Contract/Adjunct)	If contractual mention Full time or Part time	Date of Leaving (In case Currently Associated is " No")
26	Dr. Darshit S Upadhyay	ABPPU4 198K	Ph.D.	Gasification Technology, Renewable Energy, waste management	Assistant Professor	20/10/2012	-	Y	Regular	NA	NO
27	Dr. Hiren M. Prajapati	BZEPP9 740C	M.Tech.	Design and Dynamics of machines	Assistant Professor	01/07/2013	-	Y	Regular	NA	NO
28	Dr. Rudreshkumar D.Makwana	BHMPM 2927E	M.Tech.	Material science, Computer aided manufacturing, Forming	Assistant Professor	01/07/2013	-	Y	Regular	NA	NO
29	Prof. Saumil Desai	AXGPD8 234L	M.E.	Machine Tool Design, Mechatronics	Assistant Professor	21/11/2013	-	Y	Regular	NA	NO
30	Dr.Prashant J Bagga	AETPB3 910R	M.Tech.	Computer integrated manufacturing, Production technology, Machine vision	Assistant Professor	13/07/2016	-	Y	Regular	NA	NO
31	Dr. Shebaz Memon	BKVPM 7427F	Ph.D.	Energy Conversion and Optimisation, Energy Economics, Fluid Machinery, Computational Fluid Dynamics	Assistant Professor	13/07/2016	-	Y	Regular	NA	NO




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6/7

S. No.	Name	PAN No.	Qualification	Area of Specialization	Designation	Date of Joining	Date on which Designated as Professor / Associate Professor	Currently Associated (Y/N)	Nature of Association (Regular/Contract/Adjunct)	If contractual mention Full time or Part time	Date of Leaving (In case Currently Associated is " No")
32	Dr. Anand S. Patel	AHPPP9 523M	M.Tech.	Lean Six Sigma, Quality Management, Sustainable Manufacturing	Assistant Professor	20/07/2016	-	Y	Regular	NA	NO
33	Dr. Arvind Sankhla	ANYPS5 051Q	Ph.D.	Powder Metallurgy, Manufacturing processes	Assistant Professor	17/09/2016	-	Y	Regular	NA	NO
34	Prof. Vishal Mehta	BBUPM 1589E	M.Tech.	Robotics, Stress Analysis, Mechanical Design	Assistant Professor	01/08/2016	-	Y	Regular	NA	NO
35	Prof. Roshan Tandel	BAYPT9 407K	M.Tech.	Erosion in hydro turbines, Renewable Energy	Assistant Professor	03/08/2016	-	Y	Regular	NA	NO


Director
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(Dr. K M Patel)



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