

**Dr. Vibha Uttam M.Tech., Ph.D.,**  
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**Overview : -**

Dr.Vibha Uttam working as an Assistant Professor in the Department of Mechanical Engineering at SRMIST, Ramapuram. She Graduated in Mechanical Engineering at Uttar Pradesh Technical University, India. She secured Master of Technology in Materials and Metallurgical Engineering at Malaviya National Institute of Technology Jaipur, India. She done Ph.D. in the Characterization Studies of Ni-P-TiO<sub>2</sub> Nanocomposite Coating on Mild Steel Deposited by Electroless Coating Method at Malaviya National Institute of Technology Jaipur, India. She is in teaching profession for more than 2 years. She has presented number of papers in National and International Journals, Conference and Symposiums.

**Areas of Research:**

Surface coating, Corrosion, Material Engineering.

**Selected Publications:**

**Publications**

- Vibha Uttam and R. K. Duchaniya “Potentiodynamic studies of Ni-P-TiO<sub>2</sub> nano-composited coating on the mild steel deposited by electroless plating method”, AIP Conference Proceedings 1728, 020270 (2016).

*View online: <http://dx.doi.org/10.1063/1.4946321> by the AIP Publishing*

- Komal Yadav, Vibha Uttam, R. K. Duchaniya “Study of Corrosion Behavior of Ni-P-TiO<sub>2</sub> Nanocomposite Coating on Mild Steel Deposited by Electroless Deposition Process”, Journal of Materials Science & Surface Engineering Vol. 4 (4), pp 410-414 (2016).
- Vibha Uttam, Parul Yadav, R. K. Duchaniya “Characterization Study of Ni-P-TiO<sub>2</sub> Nanocomposite Coating on Mild Steel by Electroless Plating Method”, Journal of Materials Science & Surface Engineering Vol. 4 (5), 2016, pp 432-435

**International Conference Proceeding**

- Effect of pH on electroless bath for Ni-P coating on mild steel, International Conference on Recent Trends in Science, Engineering and Management (ICRTSEM-2018, Jaipur) Vibha Uttam<sup>a\*</sup>, R.K. Duchaniya<sup>a</sup>
- Effect of temperature & pH on Ni-P deposits on mild steel deposition by electroless coating

process (ICETMM 2018 Poornima university Jaipur, Jan 29-30, 2018) Vibha Uttam<sup>a\*</sup>, R.K. Duchaniya<sup>a</sup>

- Ni-P-TiO<sub>2</sub> Nanocomposite by Electroless Coating Process - A Review, International Conference on Advance Materials and Technology (ICAMT-2017- Pattaya) Vibha Uttam<sup>1\*</sup>, R.K. Duchaniya<sup>1</sup>
- Tribological studies of the electroless Ni-P-TiO<sub>2</sub> composite coating on mild steel, 8<sup>th</sup> National Conference Thermophysical Properties (NCTP-2015 MNIT, Jaipur), Vibha Uttam<sup>1a</sup>, R.K. Duchaniya<sup>1b</sup>
- Characterization Study of Ni-P-TiO<sub>2</sub> Nanocomposite Coating on Mild Steel by Electroless Plating Method, Conference on Advanced Materials and Processing (CAMP- 2015, Jaipur) Parul Yadav, Vibha Uttam, R. K. Duchaniya.
- Potentiodynamic studies of Ni-P-TiO<sub>2</sub> nanocomposite coating on the mild steel deposited by electroless plating method, International Conference on Condensed Matter & Applied Physics (ICC-2015); Vibha Uttam and R. K. Duchaniya

## ACHIEVEMENTS

- Qualified **GATE-2013** with score **355 - 91.9 percentile**.
- Won the consolation prize in debate-competition during Hindi Pakhawada held at MNIT Jaipur in 2017.
- Won the first prize in written quiz competition on topic “Issues related to anti-corruption” during vigilance awareness week-2018.

Google Scholar:

[https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&user=Pc45Z5kAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&user=Pc45Z5kAAAAJ)

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