

Samarpit Verma

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Career Objective

To work in an organisation where, I can acquire new knowledge and sharpen my skills and put my efforts of achieving organisational as well as my individual goals. Contribute towards the development of the organisation by utilizing my technical, analytical and organisational skills to the optimum level and also to create healthy environment. Passionate researcher supporting advancements and growth in improvement needed for the upstream petroleum industry. 6 month experience in solar sector as cluster business head.

EDUCATION

M.Tech	Energy Science & Technology (8.6/10) Centre for Advanced Studies, AKTU, Lucknow	2021
B.Tech	Mechanical Engineering (69.67%) Dr.A.P.J. Abdul Kalam Technical University, Lucknow	2018
12th	Board of Education, (CBSE), 60% Saraswati Vidya Mandir, Sultanpur	2013
10th	Board of Education, (CBSE), (8.2/10) Saraswati Vidya Mandir, Sultanpur	2011

RESEARCH EXPERIENCE

Currently, I am involved in the application of ***nanotechnology in oil spill cleanups*** which resulted in development of a nanostructure/nanocomposite for an efficient oil recovery over the water surface while considering the environmental aspects. A review article, a research article and book chapter is communicated based on carried research work. **A patent will be filed for the developed product.**

RESEARCH KEYWORDS

Oil spill, Composite sponge

SOFTWARE SKILLS

Origin Pro, MS office, Scaps, Mendeley, Water contact angle measurement (CRUSS), Brunauer–Emmett–Teller (BET)

PUBLICATIONS

- Mishra, S., Chauhan, G., **Verma, S.**, Singh, U., “The Emergence of nanotechnology in mitigating Petroleum Oil Spills” Under review process in Marine Pollution Bulletin, Elsevier Publications, <https://doi.org/10.1016/j.marpolbul.2022.113609> or <https://authors.elsevier.com/c/1euE7,asi2EhU>
- **Samarpit Verma**, Ujjawal Singh, Kumud Patel, Saurabh Mishra; “Saving the Environment from an oil spill: critical role of digital platforms” presented in the international conference on Advances and Innovations in Recycling Engineering on 21-22 October 2021; and Accepted for publication in Springer Journal.
- Ujjawal Singh, Kumud Patel, **Samarpit Verma**, Saurabh Mishra; “KusBin: A Smart Idea of Monitoring Garbage”, presented in the international conference on Advances and Innovations in Recycling Engineering on 21-22 October 2021; and Accepted for publication in Springer Journal.
- A book chapter on “Nano-additives Assisted MQL Machining” in CRC book chapter

SPECIAL ACHIEVEMENTS & AWARDS

- Presented project on Air-O-Bike to our Indian president Mr. Ramnath Kovind in my graduation & got 1st rank in innovation in BBAU, Lucknow (2018).
- I got First Division Honor’s degree with Gold Medal in the year 2021 in Mtech. Degree.

REFERENCES

Dr. Saurabh Mishra
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HOBBIES

- Playing Cricket

- 8 Ball Pool
- Table Tennis
- Badminton

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Lucknow

June/23/2022