

Biosketch

Faculty Name: Daya Shankar Ray



Areas of Interest:

Rigid Pavement, Bridge Design, Innovative Materials used in highway, Transport Environment

Education

- Ph.D (pursuing), SRMU, Lucknow
- M. Tech., I I T, Kanpur
- BE, University of Allahabad, MN NIT , Prayagraj

Academic/Industrial Experience

1. Professor, Department of Civil Engineering, BBD ITM, Lucknow. 2014 - Present
2. Assistant Engineer to Chief Engineer, UP PWD, UP, 1984-2014
3. Assistant Engineer ,UP Housing Board ,Lucknow, 1981-1984

Selected Publications

1. Satya Prakash Singh, Prof. D. S Ray (2018) Effect of Silicon Bitumen & Strength of Bitumen Mix International Journal for Scientific Research & Development 2018, vol (6) issue-03 ISSN(ONLINE) 2321-0613 **IJSRD (Impact Factor - 4.396)**
2. Anurag Singh, Prof. D.S. Ray, Md Afaq Kamal (2018) Utilization of Rice Husk in Construction of Highway International Journal for Scientific Research & Development 2018, vol(6) issue -02ISSN(ONLINE) 2321-0613 **IJSRD(Impact Factor – 4.396)**
3. Rishabh Singh, Prof D.S.Ray, Anupam Mehrotra,Md Afaq Khan(2018) A Review Paper on comparative Study of soil Stabilisation with widely Used Admixtures like Lime,Cement,Fly Ash ans Bitumen Emulsion International Journal of Engineering Trends and Technology 2018,vol(58)issue -03ISSN(ONLINE) 2231-5381 Page -96-99 **IJETT(Impact Factor – 2.88)**
4. Shazi Khan,Prof D.S.Ray (2018) Study and Evaluation of Disintgration of Pavment Surface International Journal for Research,Engineering and Technology6(03): 486-488 (2018)**IJRET(Impact Factor – 2.88)**
5. Daya Shankar Ray Study and evaluation of precast concrete pavement (2019) Int. Journal of Engg. Science and Computing9(04): 20029-20031 (2019) **IJESC(Impact Factor – 5.611)**
6. Daya Shankar Ray(2019) Improvement in recycling of reclaimed asphalt pavement using different materials in flexible pavement Int. Journal of Engg. Science and Computing 9(03): 20051-20053 (2019) **IJESC(Impact Factor - 5.611)**
7. Daya Shankar Ray (2019) Evaluation of vehicle damaged factor in over loading for different types of loading Int. Journal of Engg. Science and Computing 9(04): 20327-20330 (2019) **IJESC (Impact Factor -5.611)**

8. Daya Shankar Ray (2019) Study of waste polythene used in flexible pavement Int. Journal of advance Research, Idea and innovation in Technology 5(02): 1370-1372 (2019) **IJARIIIT(Impact Factor -4.295)**
9. Daya Shankar Ray(2019) Utilization of sugarcane bagasse ash in bitumen Int. Journal of Engg. Research and Technology 68(04): 479-481 (2019) **IJERT((Impact Factor – 7.86)**
10. PurnimaTripathi¹, D. S. Ray² (2020) Optimization of Different Anti Stripping Agents in Construction of Flexible Pavement International Journal of Engineering Research and Technology vol(9)issue -07 ISSN-2278-0181 Page -670-673 **IJERT(Impact Factor -2.88)**
11. Poonam Tripathi¹, D.S. Ray²(2020) Evaluation and Analysis of Soil Stabilization with Some Non- Conventional Additives International Journal of Engineering Research and Technology vol(9)issue -07 ISSN-2278-0181 Page -687-694 **IJERT(Impact Factor -2.88)**
12. Abhlek Shrtvastava, Prof D.S.Ray(2020) Analysis of Energy Produced and Distributed in Rigid Pavement International Journal of Engineering Research and Technology vol(9)issue -006 ISSN-2278 0181 Page -1447-1456 **IJERT(Impact Factor – 2.88)**
13. Prashant Verma, Prof D.S.Ray(2020) A Review of Literature on Stabilization of Black Cotton Soil using Silica fume and Waste Pet Bottles Int. Journal of Engg. Science and Computing vol(10)issue -7 ISSN-2321-Page -1447-1456 **IJESC(Impact Factor -5.611)**
14. Shivam Verma¹, D. S. Ray²(2020) Use of Modified Bitumen by Lignin and Waste Plastic in Bituminous Concrete Int. Journal of Engg. Science and Computing vol(10)issue -7 ISSN-2321-3361 Page -26676-26683 **IJESC(Impact Factor -5.611)**
15. Arif Anwar , Prof D.S.Ray Ray(2020) Improvement of highway capacity due to cycle track in urban area Int. Journal of advance Research,Idea and innovation in Technology vol(6)issue -4 ISSN-2454-3361132X Page -62-66 **IJARS(Impact Factor – 4.295)**
16. Abhraneel Sengupta¹, D, S, Ray² (2020) Stabilization of soil using lime activated ground granulated blast furnace slag for soil subgrade Int. Journal of Engg Science and Computing. Vol (10) issue -7 ISSN-2321-3361 Page -1456-1462 **IJESC(Impact Factor -5.611)**

Other Details

INTERNATIONAL/NATIONAL/CONFERENCE/SEMINAR/PRESENTATION

1. Daya Shankar Ray Management System on Road Safety 4th May,2019 Proceeding of Seminar from page 65-73 Institution of Engineers (India) UP state Center
2. Daya Shankar Ray, Ashwani kumar Pandey Engineering for Change 15 th September,2019 SOUVENIR Page 35-41 Institution of Engineers(India)UP state Center
3. Daya Shankar Ray Ground Water Recharge Nov.3rd,2019 Presentation Institution of Engineers(India) UP state Center
4. Daya Shankar Ray Way to conserve water in daily life Nov.2nd-3rd,2019 Proceeding of all india Seminar from page 97-102 Institution of Engineers(India)UP state Center

5. Daya Shankar Ray Dr RajendraKumar Srivastava, Dr Rakesh Varma. Study of textural behavior of concrete pavement : A case study of Yamuna Expressway, International conference, 23rd & 24th September 2021,BBDU