

BIO-DATA

- 1) Name and full correspondence address: Dr. Nidhi Dewangan
H.N.39, Phase-II, Mahadev Vatika, Amleshwar, Dist-Durg (C.G.)
- 2) Email id and contact number(s): nidhi.dewangan86@gmail.com
8878427915
- 3) Institution: Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur(C.G.)
- 4) Date of Birth: 22/07/1986
- 5) Gender(M/F/T): F
- 6) Category Gen/SC/ST/OBC: OBC
- 7) Designation: Assistant Professor
- 8) Academic Qualification (Undergraduate Onwards)

S. No.	Degree	Year	Subject	University/Institution	% of marks	Distinctions etc.
1	B.Sc.	2006	Physics, Chemistry, Mathematics	Pt. Ravishankar Shukla University, Raipur(C.G.)	73.94 %	1 st Position in the College
2.	M.Sc.	2008	Mathematics	Pt. Ravishankar Shukla University, Raipur(C.G.)	81.25 %	Gold medalist (1 st Position in merit List of University)
3	M.Phil.	2009	Mathematics	Pt. Ravishankar Shukla University, Raipur(C.G.)	82.33 %	3 rd Rank in University
4	Ph.D	2019	Applied Mathematics	IIT(ISM), Dhanbad, Jharkhand, India.	-	

- 9) Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award:
Ph.D thesis title: Propagation of Seismic Waves in Anisotropic Media
Guide: Dr. Sanjeev A. Sahu
Co- Guide:
Institute: IIT(ISM), Dhanbad, Jharkhand, India
Year of Award: 2019

- 10) Work experience (in chronological order)

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1	Assistant Professor	Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur(C.G.)	11.09.2017	Till Now	Academic Level 10
2	Assistant Professor	Govt. N.P.G. College of Science, Raipur(C.G.)	23.08.2017	09.09.2019	Academic Level 10
3	Assistant Professor	Sant. Guru Ghasidas Govt. P.G. College, Kurud, Dhamtari(C.G.)	24.11.2012	22.08.2017	Rs.15600-Rs.39100

4	Assistant Professor (Contractual basis)	Pt. J.L.N. P.G. College, Bemetara	2010	2011	18840(Consolidated)
5.	Assistant Professor (Contractual basis)	Govt. Rajeev Lochan College, Rajim	2009	2010	12800(Consolidated)

11) Total teaching experience: **UG-** 12 years, **PG-** 9 years

12) Specialization: Analysis, Cryptography, Seismology

13) Professional Recognition/Award/Prize/Certificate, Fellowship received at international/national/state/university level

S. No	Name of Award	Awarding Agency	Year
1	Gold Medal	Pt. Ravishankar Shukla University, Raipur (C.G.)	2009

14) Members in different committees/ boards etc.

Member in Board of studies of Pt. Ravishankar Shukla University, Raipur (C.G.)

15) Membership of academic associations:

Life member- Indian Mathematical Society

Life member- Indian Red Cross Society

16) Orientation program/ Refresher course/ short term course/ workshop

S.No	Name of program	Name of academic staff college	Duration
1	Orientation program	Pt. Ravishankar Shukla University, Raipur(C.G.)	26.08.2015 To 22.09.2015
2	Special Summer School	Pt. Ravishankar Shukla University, Raipur(C.G.)	20.05.2016 To 09.06.2016
3	Refresher Course in Mathematics	Guru Ghasidas Central University, Bilaspur (C.G.)	13.09.2021 To 25.09.2021
4	Refresher Course in Research Methodology	Guru Ghasidas Central University, Bilaspur (C.G.)	22.08.2022 To 05.09.2022
5	Refresher Course on Mathematical & Computational Techniques for Real World Problems	Guru Ghasidas Central University, Bilaspur (C.G.)	04.12.2023 To 16.12.2023

17) Research experience : Registered as a research supervisor in Pt. Ravishankar Shukla University, Raipur (C.G.)

Ph.D awarded- 0

Ph.D registered- 0

18) Ongoing/completed research projects : NIL

19) Conferences/Seminar/workshop organized :

S. No	Conferences/Seminar/workshop organized	Duration	Designation
1	National Seminar on “Modeling & Simulation (The World of Applied Mathematics) –MS(2021)”	1 Day(3 rd July 2021)	Convener
2	National Seminar on “Characterization and Processing of Advanced Materials”	1 Day(26 th June 2021)	Organizing Secretary
3	One day Webinar on “Preparation Strategy For CSIR-NET (National Eligibility Test)/ JRF (Junior Research Fellowship)”	1 Day(18 th April 2022)	Convener
4	Two days workshop on “Topics of Mathematical Sciences for CSIR-NET/JRF”	14 th -15 th October 2022	Convener
5	One day workshop on "Web-Development & Cyber Security"	25 th September 2023	Convener

20) Invited as a resource person/Subject Expert-

- i) Invited speaker in National Mathematics Day -2021 at Govt. College, Arjunda, Balod on 27th Dec 2021.
- ii) Invited speaker in Webinar on Research Methodology at Govt. College, Arjunda, Balod on 24th Feb 2022.
- iii) Invited as a judge/subject expert in CBS, Pt. Ravishankar Shukla University, Raipur on the occasion of National Mathematics Day – 2021 on 27th Dec 2021.
- iv) Invited as a subject expert for recruitment in Department of Mathematics of Gurukul Mahila Mahavidyalaya on 21st June 2023.
- v) Invited as a resource person in Govt. E. Raghavendra Rao P.G. College, Bilaspur on one day workshop on “Preparation of CSIR-NET/JRF (Mathematical Sciences) examination” held on 3rd June 2023.
- vi) Invited as a resource person in Sant Guru Ghasidas Govt. P.G. College, Kurud, Dhamtari on the occasion of National Mathematics Day-2023 on 22nd December 2023.

21) Peer reviewer of any journal:

- (i) Waves in Random and Complex Media
- (ii) Ultrasonics

22) Publications (List of papers published in National/ International peer reviewed, SCI Journals, in year wise descending order)

S. No.	Author(s)	Title	Name of Journal (preferably with DOI)	Volume	Page	Year
1	S. A. Sahu, S. Mondal, Nidhi Dewangan	Polarized shear waves in functionally graded piezoelectric material layer sandwiched between corrugated piezomagnetic layer and elastic substrate	Journal of Sandwich Structures & Materials (SCI) https://doi.org/10.1177%2F1099636217726330	21	2921-2948	2019
2.	Nidhi Dewangan, Sanjeev Sahu, Soniya Chaudhary,	Stresses produced due to moving load in a pre-stressed piezoelectric substrate	Mechanics of advanced materials and structures (Taylor	26	1028-1041	2018

	AbhinavSinghal		and Francis/SCI) https://doi.org/10.1080/15376494.2018.1430265			
3	Nidhi Dewangan, S. A. Sahu	On phase velocity of Love type Waves in Heterogeneous Visco-elastic Medium	Procedia Engineering (Elsevier/Scopus) (Proceedings of International symposiumIMPL AST-2016)	ISBN: 978-1-5108-3703-4 Volume-173	1034-1041	2017
4	Sanjeev A. Sahu, Pradeep K. Saroj, Nidhi Dewangan	SH-waves in viscoelastic heterogeneous layer over half-space with self-weight	Archive of Applied Mechanics (Springer/SCI)	84	235–245	2014
5	Nidhi Dewangan, S. A. Sahu	Propagation of surface wave in fluid saturated porous medium sandwiched between magneto-elastic self-reinforced layer and heterogeneous isotropic half-space	International Journal of Current Research in Science and Technology	2	61-71	2016
6	Nidhi Dewangan, Sanjeev A. Sahu, Soniya Chaudhary	Torsional surface wave in self-reinforced layer sandwiched between two visco-elastic half-spaces under the initial stress	International Science Journal	2	70-78	2015

23) Presentations/ participation in National/ International seminars/conferences/ workshops

S.N.	Name Of Program	National/ International seminars/conferences/ workshops	Institution	Title of Paper	Duration
10	Advances in Differential Equation and Numerical Analysis(ADENA-2020)	International Conference	IIT, Guwahati	Mathematical Analysis of Surface wave velocity in a rotating bedded structure	12-15 th October 2020
9	Advanced Material for Sustainable Industrial and Social Applications (NSAMSISA-2020)	National Seminar	Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur(C.G.)	Impact of Fibre reinforced composites on SH-wave propagation	17-18 th January 2020
8.	Manthan: Cyber Suraksha	National Conference	RashtriyaSura kshaJagranMa		19-20 th July 2018

			Chhattisgarh		
7.	Cryptography and Network Security	National Workshop	Govt. N.P.G. College of Science, Raipur(C.G.)		5-6 th October 2017
6.	Augmentation of Quality of Higher Education	National Workshop	S.G.G.Govt. P.G. College, Kurud, Dhamtari		19-25 th January 2016
5	Plasticity and Impact Mechanics-IMPLAST-2016	International Symposium	IIT, Delhi	On phase velocity of Love type waves in Heterogeneous viscoelastic medium	12-14 th December 2016
4.	Wave Mechanics and Vibrations	National Conference	ISM, Dhanbad, Jharkhand	Love type surface waves in a composite viscoelastic structure	21-23 rd december 2015
3	Value and Importance of Mathematical Physics(NSVIMP-2015)	National Seminar	Govt. R.L. College, Rajim, Gariaband	Propagation of surface wave in fluid saturated porous medium sandwiched between magneto-elastic self-reinforced layer and heterogeneous isotropic half-space	5 th December 2015
2.	Recent Advances in Physics(NCRAP-2015)	National Conference	S.G.G.Govt. P.G. College, Kurud, Dhamtari	Torsional surface wave in self-reinforced layer sandwiched between two visco-elastic half-spaces under the initial stress	28-29 th october 2015
1	Graduate Employability	National Seminar	S.G.G.Govt. P.G. College, Kurud, Dhamtari	Mathematics Graduate: A Youth full of Skills and Potential	2 nd March 2015

24) Any other relevant information :

- (1) Research Supervisor
- (2) Evaluated PhD Thesis.

The above given information is true to my knowledge.



Name of the faculty
Dr. Nidhi Dewangan
Asst. Prof. (Mathematics)