***CURRICULUM VITAE***

Name : Dr.Simanchal Das

Father’s name : Mr.Prafula Kumar Das

Date of Birth : 01.02.1973

Address : Rajiv Nagar-II,Near Govt.ITI

Engineering school, Berhampur

Ganjam, Odisha,India,760010

Contact No : 9938845076

Email :[dash.simanchal73@gmail.com](mailto:dash.simanchal73@gmail.com)

**ACADEMIC QUALIFICATION**

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| --- | --- | --- | --- | --- | --- |
| Si.No. | Examination Passed | Name of University/Board | Year of passing | Division | Percentage |
| 1 | Matriculation | BSE,Odisha | 1989 | First Class | 65 |
| 2 | +2 Science | CHSE,BBSR | 1991 | Second Class | 55 |
| 3 | B.Sc.(Chemistry) | Berhampur University | 1994 | First Class Hons.  (distinction) | 60 |
| 4 | M.Sc.(Chemistry) | Berhampur University | 1997 | First Class | 62 |
| 5 | PGDMM | Berhampur University | 2006 | First Class | 68 |
| 6 | M.Phil.(Chemistry) | Madurai Kamaraj University,Madurai | 2008 | Second Class | 53 |
| 7 | Ph.D(Chemistry) | Berhampur University | 2019 |  |  |

***WORK EXPERIENCE***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Si.No** | **Organisation** | **Designation** | **Period of Employment** | |
| From | **To** |
| **1** | Roland Institute of Technology, Berhampur | Associate Professor | 01.05.2019 | Till today |
| **2** | Roland Institute of Technology, Berhampur | Assistant Professor | 09.07.2014 | 01.05.2019 |
| 3 | Rahul Institute of Engg. &Technology, Berhampur | Assistant Professor | 26.02.2011 | 20.05.2014 |
| 4 | Xt. Xavier Senior Sec. School, Berhampur | PGT(Chemistry) | 17.06.2008 | 20.02.2011 |
| 5 | AECS Central School,Chhatapur | PGT(Chemistry) | 23.06.2007 | 20.05.2008 |
| 6 | Jagannath Science College,Berhampur | Lecturer | 02.01.2003 | 23.05.2007 |
| 7 | Biswas Ray Science college, pattapur | Lecturer | 05.03.1997 | 01.02.2001 |

***RESPONSIBIITES AND CHARGES TAKEN OVER***

1. As a TEQIP Coordinator of BPUT representing from R.I.T., Berhampur since 2019

2. As a time-table coordinator and section-in-charge at R.I.T, Berhampur since 2016 onwards

3. As a Principal- in- charge in R.I.E.T, Berhampur during 2013-2014.

4. As a academic- in- charge in R.I.E.T, Berhampur during 2012-2013.

5. As a exam -in- charge of R.I.E.T.,Berhampur during 2011-2012.

***NATIONAL/INTERNATIONAL SEMINARS PARTICIPATED***

1.National webinar on **“Recent Advances in Chemical Sciences”** 2021 NWRACS-2021, Organized By P. G. Department of Chemistry, Berhampur University, Bhanja Bihar, Odisha-760007 on 24 -25th March 2021

2.National webinar on “**Sustainable Chemistry: Challenges and opportunities**” organized by Department of Chemistry, Veer Surendra Sai University of technology, Burla, Sambalpur, odisha, India during 19th-20th September,2020

3.National level webinar on **“Recent trends and Developments in Chemistry**” organized by Department of Chemistry, Kalna College supported by IQAC, Kalna College on 10th September 2020.

4.International Virtual Conference on **“Advances in Functional Materials”** Organized by Department of Physics, School of Applied Science, KIIT Deemed to be University, Bhubaneswar, Odisha

5.One day webinar on **“Advancement in Polymer nanocomposites”(APNC 2020)** Organized by Department of Mechanical engineering, P.M.E.C. Berhampur, Odisha on 17th August 2020

6. International Conference on **“Emerging Smart materials in Applied Chemistry”** Organized by Department of Chemistry, KIIT deemed University, Bhubaneswar, Odisha on 10th-12th August,2020

7. National webinar on **“Recent Activities of nonmaterial**”(NWRAN-2020) Organized by Department of Physics, Dr.B.R.Ambedkar University, Srikakulam,A.P.,India on 6th August 2020

8.One day national webinar on **“NAAC Revised Accreditation Guidelines &Role of (IQAC) in post COVID-19 Era”**, St.Vincent Pallotti College of Engineering &Technology, Nagpur held on August 8, 2020

9.National Webinar on **“Synthesis and Properties of Nano Structured Material”** Organized by Department of Chemistry, Synergy Institute of Engineering &Technology,Dhenkanal on 24th July,2020

10.International Webinar on **“chemistry: man and nature”** Organized by Department of Chemistry, Salipur autonomous college, Cuttack on 23th-24th July,2020

11.AICTE organized leaderships talk with Shri Dipendra Manocha (Motivational speaker) held on 27th june,2020 by MHRD'S innovation cell

12.28th Annual conference of Orissa Chemical Society on **“Recent trends in material science”**, organised by Department of Chemistry U.N.(Auto) college of Sc. & Technology,Adaspur,Cuttack.13-14th December 2014

13. UGC sponsored national seminar on “**Advanced analysis and applications**” organised by Chikiti Mahavidyalaya on 20-21, September ,2014

14.National seminar on **“Recent Advancement in Material Science**”,organised by Department of chemistry & Production Engineering ,Veer Surendra sai University of Technology ,Burla, Sambalpur ,Odisha on 22-23,August ,2014.

15.National seminar on **“Recent Advances in physics(NSARP-2014)”** held at Department of Physics,Berhampur University ,Berhampur ,Odisha on 5-6th ,May-2014.

16.27th Annual conference of Orissa chemical society on **“chemistry in 21stcentury”** organised by Modern engineering & Management studies,Balosore,odisha on 14-15th December, 2013

17. National seminar on **“Science and Technology of Functional Materials (NSSTFM)-**2013’’.held at Hi-Tech College of Engineering, Bhubaneswar, Odisha. On 28-29th September 2013

18.National seminar on**“Recent trends in chemical sciences (RETICS-2013)”,** Department of chemistry, Sambalpur University, Jyoti vihar, on 6-7th march, 2013.

19.National conference on **“Climate change & its environmental issues in EasternRegion of India**” held on KIIT University, Bhubaneswar, on 9thmarch, 2013.

20.26th Annual conference of Orissa chemical society on “**Chemistry in Technology**”, held on Dept. Of Chemistry, Ravenshaw University, Cuttack, on 8-9 December 2012

21.National conference on **“ Science for shaping the future of India”,** on the occasion of 15th Orissa congress held at Department of Geology,Utkal University, Bhubaneswar on October 18-19,2012

22.UGC sponsored national seminar on **‘Frontiers in recent chemical research’** organised by P.G.Department of chemistry, Berhampur university, Bhanja Bihar,Berhampur on November26-27, 2011.

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***PRESENTED PAPERS IN NATIONAL /INTERNATIONAL SEMINARS AND CONFERANCES***

1. Presented a paper on **National conference on Recent Trends of organic chemistry, Natural product and Drug Discovery** held at P.G.Dept. of chemistry, 2020,Berhampur University, Berhampur, Odisha,india.

2.Presented a poster on a 32 Annual Conference of Orissa Chemical Society National Seminar on **“Recent Advances in Functional Nano Materials”** 23rd-24Th December 2018 Organised by National Institute of Science and Technology(Autonomous),Berhampur, Odisha,India.

3.Presented a paper entitled on “synthesis and Antibacterial study of Thiozolidinone derivative with -cyclodextrin” **international conference on Recent Trends of Chemical &Biological Science in Medicine, Natural product and Drug Discovery** held at P.G. Dept. of chemistry,3rd-5th March,2017,Berhampur University,Berhampur,Odisha,india

4. UGC funded National seminar on “**green environmental for sustainable development”**organisedbytheDept.ofChemistry,T.S.D.college,B.D.PUR,Ganjam held on 23-24.07.2016 and presented a paper entitled on “environmental pollution and its disastrous effect”.

5.Presented a paper entailed on “**Synthesis and antibacterial study of inclusion complexes of (2-Benzothizoyl-2’) azino -3-phenyl 5-arylidiene -4-thiazolidinone”** on 29th annual conference of Orissa chemical society and national seminar on RAMSSE organised at IGIT,Sarang,Dhenkanal on 24th-25th December 2015.

6. Presented a paper entitled on “synthesis and antibacterial study of Thiozolidinone derivative with -cyclodextrin” **international conference on innovative applications of chemistry in pharmacology & technology** held at P.G.Dept. of chemistry, February 06-08,2015,Berhampur University ,Berhampur, Odisha, India.

7.UGC sponsored national seminar on “modern chemical approaches on organicsynthesis, drug design &development” paper entitled “**How to tackle environmental pollution”**held on dept. of chemistry ,Khalikote autonomous college,Berhampur,8-9th November-2014.

8. Presented a paper in the regional science congress on **“Innovation in science &Technology for inclusive development”** held by KIIT University, Bhubaneswar27-28 January,2014.

9. National seminar on **“emerging trends in chemical science”** held at P.G.Department of chemistry entitled on Berhampur,12-13thApril 2014.

10. National seminar on **“Innovation in science & Technology for inclusive development”** on the occasion of 16th Bigyan congress paper entitled on- **green chemistry and its importance**. held at institute of physics ,Bhubaneswar 23-24 November.

11. National seminar on recent advancement in material science **(RAIMS**-**13**) poster entitled on,organised by Department of Chemistry ,VSSUT,Burla,sambalpur on 26-27 october2013.

12. Presented a paper on UGC sponsored national seminar on **“Chemistry of organometallics and its application to society** (COAS)2013 paper entitled **studies of supramolecules organised** by Department of chemistry ,Salipur college, Cuttack on 14-15th December.

13. Presented a poster on International conference on **“recent trends in orgnanometalic compounds & their Industrial applications**, OMCA-2013, held at KIIT University, Bhubaneswar on 5-7th February,2013.

14. Presented paper in UGC Sponsored National Seminar entitled **“Application of green chemistry in Indian scenario**” held on Municipal college, Rourekela, odisha on 2-3rd February 2013.

15.Presented paper in National Seminar entitled “**Green chemistry-Its Applicability and Diversity”** held at P.G.Department of Environmental sciences ,Jyothi vihar, Sambalpur University on 25-27 January ,2013.

16.Presented paper in National Seminar entitled **“Green Chemistry-Innovative design for reducing production of hazardous substance”** held at P.G. Department of chemistry, Berhampur University, Berhampur, Odisha on 13-14thOctober,2012.

17. National Seminar entitled **“Industrial pollution & its control**” held at GIIT, Berhampur on 20-21th April 2012.

*Workshops Organised*

1.As a Convenor in the National workshop on “**Foundation course and its impact to engineers”** organised by the Department of HSSM on 9th February 2019 at Roland Institute of Technology, Berhampur.

2.As an Organizers on two days National level workshop on **“management –A Challenges to engineers”** by the department of HSSM from 20th-21st April 2017 at Roland Institute of Technolgy,Berhampur.

*Workshops Attended*

1.One day “**NBA Preparedness Workshop”** on 9th August 2015 at Trident Academy of Technology,BBSR in joint collaboration with Biju Pattanaik University of Technology,Odisha

2.One day “**NBA Preparedness Workshop”** on17th july 2015 NBA held at C.V.Raman college of engineering college in joint collaboration with Biju Pattanaik University of Technology,Odisha

3.National workshop on **“environmental sustainable development andbiodiversity”** organised by UNSECO held at Nilkantha nagar vidya mandir on 10-11th april 2015.

4. National workshop on **“pedagogy**” on IIT,Bombay on 5-22 january on 2015 at R.I.T.,Berhampur.

5.National workshop on **“Bioinformatics& Biodiversity conservation”,** sponsored by Department of Biotechnology, Goverment of India, held at Gopalpur on sea on 1st February 2014

6. DST sponsored workshop on **“Development of a common spatial database for improved planning of geo-recourses in Odisha”**orgnanised by Department of Geology on 16-17 April on 2013.

7. Played a significant role in preparing the students to perform exceptionally well in **“International Olympiad of science”**2009.orgnased by society of science education, New Delhi.

8. One day workshop on **“Teaching methodologies in English language”** held at Xt.Xavier school, Berhampur on 7th September 2009.

9. CBSE’S Nodal teachers training program under **“Adolescence education programme”** 2010 conducted by CBSE at DAV public school Berhampur 8-10th December 2010.

***SHORT TERM TRAINING PROGRAMME ATTENDED OF ONE WEEK DURATION***

1.**Fundamentals and application of nanomaterials** through ICT mode Organised by National Institute of Teachers’ training and Research**(NITTR),**Kolkata from 14/06/2021 to 18/06/2021

2.**Fundamentals of outcome Based education** through ICT mode Organised by National Institute of Teachers’ training and Research**(NITTR),**Kolkata from 31/08/2020 to 04/09/2020

3.**Technology Enable Learning** through ICT mode Organised by National Institute of Teachers’ training and Research**(NITTR**),Kolkata from 24/08/2020 to 28/08/2020

4.**How to Write Thesis and research paper** through ICT mode Organised by National Institute of Teachers’ training and Research**(NITTR**),Kolkata from 17/08/2020 to 21/08/2020

5.**Writting Research proposal** through ICT mode Organised by National Institute of Teachers’ training and Research**(NITTR**),Kolkata from 03/08/2020 to 07/08/2020

6.**Laborotory Experimentation in Engineering Chemistry** through ICT mode Organised by National Institute of Teachers’ training and Research**(NITTR),**Kolkata from 20/07/2020 to 24/07/2020

***FACULTY DEVELOPMENT PROGRAMME OF ONE WEEK DURATION***

1.AICTE Training and Learning (ATAL)Academy Online FDP on **“Green Technology and sustainable engineering”** Organized by Bhilai Institute of technology, Ranchi from 08-11-2021 to 12-11-2021

2.AICTE Training and Learning (ATAL)Academy Online FDP on **“waste** **Technology”** Organized by Dr.M.G.R. Research institute (A Deemed University),Chennai from 26-10-2020 to 30-10-2020

3.AICTE Training and Learning (ATAL)Academy Online FDP on “**Green** **Technology & Sustainability Engineering”** Organized by National Institute of Technology, Jamshedpur from14-09-2020 to 18-09-2020

4. One week online FDP on **“recent Trends in chemical science”**organised by Department of Chemistry,Auro University,Surat From 24th-29th August 2020.

5. AICTE sponsored online FDP on **“Recent Advances in materials and manufacturing: Part II”** Conducted ByDepartment of mechanical Engineering of GVPCE, Vishakapatanam From 07th to 12th September 2020.

6. One week FDP on **“Linux”** Organized by Department of MCA ,Roland Institute of Tech. in collaboration with IIT, Bombay from 13th-19th July 2020

7.One week FDP on **“Application of Remote sensing and GIS in Civil Engineering”** Organised by Department of Civil engineering of Silicon Institute of Technology,Sambalpur from 07th to 10th July 2020.

***REFRESHER COURSE ATTENDED***

1.**UGC Online Refresher Course** in **Environmental Science** by Human Resource Development Centre (HRDC), Pt. Ravishankar Shukla University, Raipur from 5th to 17th October , 2020

***PROFESSIONAL BODY AFFILIATION***

Life Member of Indian science congress association **LM NO.L21650**

Life member of Indian society for technical education **LM NO.90072**

Life Member of Orissa environmental society **LM NO.550**

Life member of Orissa chemical society **LM NO.872**

Life member of institute of scholars **Id: InSc20211541**

***PAPERS PUBLISHED IN NATIONAL /INTERNATIONAL JOURNALS***

1**.Recent advances and potential antimicrobial activities of Thiazolidinone Derivatives: A Review**: By Bamakanta Garnaik\* and **Simanchal Dash**, *Asian j. of Res. Chem. 7(4): April 2014*,1-12.,ISSN NO.0974-4169.

2. **Green Chemistry: An Essentiality of An Hour; A Review: By** **Simanchal Dash,** *Asian J. of Bioc. and Pharma.Res.Vol. 4(02). 2014, 1-13 ,*ISSN NO:2231-2560.

3.**Cyclodextrin: a miracle tool for organic synthesis: a review:** By **Simanchal Dash ,***Inter. J. of Pharam.Res. and Dev., 2014; Vol 6(04):June-2014*,181 - 190, ISSN.NO. 0974 – 9446

4**. Environmental pollution and its disatrous effect: A review** By **Simanchal Dash ,***Inter. J. of Rec. Sc. Res.,Vol. 6(2), pp.2554-2560, February, 2015,*ISSN NO: 0976-3031.

5.**Synthesis and antibacterial study of Inclusion complexes of 2-(Benzothiazolyl 2’)azino-5- arylidene-4-thiazolidinone:** By B. K. Garnaik\* and **Simanchal Dash**, *Jour.of Chem. and Pharma. Res., Vol.7( 5), May,2015*, 102-108,ISSN NO.0975-7384

6.**Studies on inclusion complexes of 2-[4-(5’-benzylidene-4’-oxo-3’- phenylthiazolidinyl-2’-imino)benzoyl]aminoimino-5-benzylidene-3-phenyl 4-thiazolidinone with β-cyclodextrin:** By B. K. Garnaik\* and **Simanchal Dash**, *DerPharmaChemica Vol.7(11),pp.65-69 November,2015*,ISSN NO.0975- 413X.

7.**Studies on Inclusion complexes of 2-(Benzothiazolyl 2’)hydrazono-3-phenyl-5- arylidene-4-thiazolidinone derivatives with β-cyclodextrin**:By **S.Dash**,R.Sahu and B. K. Garnaik\* *Asian j. of chem.. Vol.28(12) ,2764-2768, 2016,*ISSN NO*.0975-427X.*

8.**Thermal, Spectral, Antibacterial and Antioxidant Studies on InclusionComplexes of 2-(Benzothiazolyl-2’)hydrazono-3-phenyl 5-arylidene- 4-Thiazolidinone derivatives with β-cyclodextrin**:By R.Sahu,**S.Dash** and B. K. Garnaik\* *Res. J. Pharm. and Tech. 9(12): 1451-1456,December 2016,*ISSN NO*.*0974-3618**.**

9. **Antioxidant Activities of Inclusion Complexes of 2-(Benzothiazolyl-2’) Hydrazono-3-Phenyl 5-Arylidene-4-Thiazolidinone Derivatives with β-Cyclodextrin:By Simanchal Dash1** and B. K. Garnaik2**\****Inter. J. of Pharam. Sc. and Drug* *Res.* 2017;Vol.9(1):17-21.ISSN. NO.0975-248X.

10**.Environmental impact of E-waste and its management in India :By Simanchal Dash,***J.Emg.Tech.and Inno.Res*,2019,753-763,Vol6(5),ISSN.2349-5162

11. **Studies on Inclusion complexes of some substituted-4-thiazolidinone with activating and deactivating group**: By **Simanchal Dash** *Asian J. of Chem.*; Vol. 32(1) (2020), 133-136.ISSN NO. 0975-427X

12.**Studies on inclusion complexes of 2-p-anisilidienyl 3-(benzothiazolyl2’)hydrazono-5-p-anisilidiene-4 thiazolidinone with β-**cyclodextrin **:** By **Simanchal Dash,** *Res. J. Pharm. and Tech. Vol. 13(8): 2020,1-6.* ISSN 0974-3618.

13.**Studies on preparation, characterization and solubility of some inclusion complexes of 4-Thiazolidinone derivatives with β-cyclodextrin :** By **simanchal Dash,** *Res. J. Chem. and Env.,Vol. 22(8); 2020.*

14. **Studies of Inclusion Complexes of 4-Thiazolidinone Derivatives with β-Cyclodextrin: Characterization, Phase solubility and inclusion mode: By Simanchal Dash,** *Derpharmachemica*,,Vol.13(12),2021,ISSN.0975-413X

15**. Biological significance of some inclusion complexes of 4-Thiazolidinone derivatives with β-cyclodextrin: By simanchal Dash,** *Ind.J. of adv. in chem. Sc.Vol.10(1),2022,ISSN.2320-0898*

16. **Study of Inclusion complexes of 4-Thiazolidinone derivatives with β-cyclodextrin :Characterization, Phase solubility and inclusion mode** : By **Simanchal Dash**,*Asian j. of res. in chem.*,Vol.14(2),2022,ISSN.0974-4169.

17.**Green Technology: A pathway towards future alternative technology:** By **Simanchal Dash**  , *Res. J. of sc. and tech*.,Vol.14(2),2022,ISSN.0975-4393.

**18. Studies of Thermal, Spectral and Antibacterial Activities of Some Inclusion Complexes of 4-Thiazolidinone Derivatives With β-Cyclodextrin :By Simanchal Dash ,communicated to** *Res. J. Chem. and Env.*

***BOOK CHAPTERS PUBLISHED***

**1.Studies on some substituted-4-thiazolidinone with and without inclusion complex formation with β-cyclodextrin: By simanchal Dash**, Current Perspectives on Chemical Sciences, International book publisher, Calcullta.Vol.6,2020**,** ISBN.978-9390516-605,118-127.

2. **Bio-fuel: The Promising Fuel of Future: By Simanchal Dash, Advances in Agricultural Biotechnology,** Akinik publication, New Delhi,Vol.3,2021,ISBN 978-93-91216-84-9, 77-92.

3. **Health, hygiene and environment during pandemic time: The incredible gift of nature**: **By Simanchal Dash**, Health, Hygiene, sanitation and environment at pandemic times by immortal publication,Vijawada,2021, ISBN.978-93-5457-589-1,344-350.

**4.Cyclodextrin and its application in chemistry:By Simanchal Dash ,Advanced Research in Material and Chemical Science, ,** Bhumi publication, Kolahapur, Mumbai, Vol.1,2021, ISBN.978-81-951982-9-0,9-20.

5.**Synthesis and Biological significance of some compounds of 4 -Thiazolidinone derivatives** By B. K. Garnaik1 and **Simanchal Dash 2**\* Urnanabbha,by Bijayinee Publications,Cuttack, ISBN 978-93-9088-365-9,100-109.

6**. E-waste:Formation and Their Consequences**: By **Simanchal Dash** Emerging trends in engineering and technology, integrated publication, New Delhi,Vol.2,2021,ISBN ,01-13.

7. **Green Technology for Sustainable Future**: By **Simanchal Dash**, Role of Basic science in modern Engineering Education, Weser publication,Germany,ISBN.978-3-96492-295-3,145-151..777.7Green technology for sustainable Future, Role of Basic Science in Modern Engineering ***BOOKS AUTHORED***

1**.Text book of engineering chemistry** By Dr.Simanchal Das by Blue hill publication ,Patna, ISBN 978-93-91539-79-5.

***AWARDS/HONOURS/FELLOWSHIP RECEIVED***

**1. Young researcher award** from Institute of Scholars, Bangalore

**2. Excellence in teaching in higher education award** from sidra Bahuudeshiya vikas sanstha (Govt. registrated society & ISO 9001-2015 certified), Aurangabad, Maharastra,India

***AS A REVIEWER IN JOURNAL***

1.International Journal of Pharmacognosy and Chemistry

2. International research journal of pure and applied chemistry.

3. International journal of basic and applied science

4. As an editor of science journal of chemistry

***AS A BOOK EDITIOR***

1. **Recent advance in chemical science**, **Vol.1**,2021, Integrated publication, New Delhi,ISBN-978-93-90471-37-9.

2. **Recent advance in chemical science,Vol.2**,2021,Integrated publication, New Delhi,ISBN-978-93-90471-88-1.

**3.Recent advance in chemical science,Vol.2**,2021,Integrated publication, New Delhi,ISBN-978-93-90471-75-2.

4. **Advanced Research in Material and Chemical Science**,**Vol.1**, Bhumi publication, Kolahapur, Mumbai, ISBN: 978-81-951982-9-0.



Signature of candidate