**Curriculum Vitae**

1. Name of the Candidate:( DR.) ***SUBHASIS BASU.***
2. Guardian’s Name: Anindya Kanti Basu.
3. [Date of Birth: 05-05-1975](file:/C:/Users/hp/Desktop/New%20folder/SUBHASIS/10-CERT,AGE.jpg) (3)a. Blood Group: O+ (3)b. Height: 5ft 7inch.
4. Permanent and address of correspondence: Jessore Road North,

Duttapukur Hat, North-24 Parganas. West Bengal, India-743248.

Mobile No:7278816520.

Email: [subhaasis1@gmail.com](mailto:subhaasis1@gmail.com)/subhasis.chemicals@gmail.com

1. Sex: Male. (6) Citizenship: Indian

**(7) Educational Qualifications**:

1. Secondary from WBBSE in 1991 with 67.3% and first division.
2. Higher Secondary (+2) in Science from WBCHSE in 1993 with 62.3%, 1st division.
3. [B.Sc](file:/C:/Users/hp/Desktop/New%20folder/SUBHASIS/BSc-CERT.jpg) (Full Time 3 years degree course: Honours in Chemistry with Physics and Mathematics in pass subjects) from The University of Calcutta in the year 1997 and was placed second class. Where pass B.Sc mark is 51.5%.
4. [B.Ed](file:/C:/Users/hp/Desktop/New%20folder/SUBHASIS/B.Ed.jpg) (Full Time degree in Education with special paper in Geography and Mathematics) from The University of Calcutta in the year 2001, 59.6%.
5. Diploma in Computer in Office Management ([DCO](file:/C:/Users/hp/Desktop/New%20folder/SUBHASIS/DCO-CERT..jpg)) with Very good grade (55 to 70%) from IGNOU in open system in the year 2001.
6. Passed Associate Membership Examination of Chemical Engineering from Indian Institute of Chemical Engineers(**IIChE**) in the year 2017-september where the all 20 papers [part-I,II(A,B),III-project or home paper] have an average of 58.2%**,** where the date of Examination registration is April/2011 with Roll No11/S11/451,hence AICTE approved.**[+4 Bachelors after Higher Secondary or +3 Post B.Sc/Diploma**.> Enrolled in NSOU in M.A(2years) in Education, showing this Engineering Bacholor.] Also completed for IIChE OIP-2021 internship-1, **Chemical Process Techonology** as a scholar cum member, with qualifying grade A (75 -89%), home paper equivalent gives overall Associate Membership Examination grade atleast 62% and above. Another completed OIP-2021 intership-2, on **Biochemical Eginering** with a Qualifying grade B+grade(65 to 74%).
7. M.Sc. (2 years course in Chemistry) completed examination 2014 December under Faculty of Science, **The University Of Madras** with an average 63.7% of all (part-1and 2 consist of 10+10=20 papers) and obtained **First Class**.Where the Enrolement/Registration No:A11372PCY6010.
8. Master Of Science (MS) in Sustainable Process Management (Full Time regular degree of Chemical Engineering focusing on Environmental Chemistry consist of 9 modules and Research project/ Dissertation) from The **Heriot-Watt University,** Edinburgh, U.K. in the year 2003. Class-Not Applicable of this International University master degree system, probable marks range is (50% to 69.9%).
9. Completed **MPhil** in Oceanographic study under **Jadavpur University** in the year 2023 with 68.2% avg in the 1st and 2nd term and completed sucessessfully 3rd and 4th term dissertation on systematic review of drivers of coral reef in India.
10. **(a)** Admitted as a scholar for PhD in Chemistry program under **Visva-Bharati (A central University)** Santiniketan, clearing RET and Interview where Registration No is: VB1198 of 2018-19, after submitting migration from The University Of Madras. Completed course work with GPA-6.02.

With a new enrolement no:CCUEPP14279178, after clearance of viva, The thesis entitled as “ Drug design in the light of Molecular Hybridization” has got eligibility of award PhD in Chemistry from **Central Chrestein University,USA**, under a supervisor, with some published papers in reputed journals in the year 2021.

**(8) Awards**: (i)Honorary **DSc** (Doctor Of Science) in Chemical Engineering, 2019,from Ballsbridge University, Dominica. It is the highest accolade of this International University system.  **(ii)** Student project of the year 2020, fromInstitute Of Scholars(InSc) student chapter for PhD course work project under Chemistry Department, visva Bharati.

(iii) Research Excellent Award 2020, from Institute Of Scholars(InSc). **(9) Professional Qualifications: (a)** [**F(ICS**](file:/C:/Users/hp/Desktop/New%20folder/SUBHASIS/FICS.JPG)**) [**Fellow of Indian Chemical Society (F/6668-2006.)]. **(b)** AM(IIChE) [Associate Member of Indian Institute Of Chemical Engineers(LAM:42138) **(c) AMIChemE [**Associate Member No: 99954264 Of IChemE(Royal Character).]**(d)** MRSC[Member Of Royal Society Of Chemistry(673288)]. **(e)** Life Professional Member Of Institute Of Scholar(InSc).

(f) Associate Member of Institution of Engineers(India). AM-3057915.

**(10)Experiences: (a)**Worked as Assistant Professor of Chemistry under JLD-Engineering and Management College, Baruipur under AICTE and WBUT.

**(b)**Worked as a probationary [enrolled](file:/C:/Users/hp/Desktop/New%20folder/SUBHASIS/Phd%20enrollment.JPG) Ph.D Research Scholar (Associate) with a completed course work and RET and paper work under the Department Of Chemical Engineering, Raza Bazar Science College, The University Of Calcutta. **(d)**Worked as professional associate in a private company in the work of Environmental Engineer.(e)Worked as Faculty Of Chemistry in a public Mission in the JEE level teaching job. **(f)**Worked towards research and paper work under the Department Of Chemical Engineering, Jadavpur University on East Calcutta wetland modeling. **(g)**Worked as contractual Gr-C, in NTP/WBTIDC WB projects. **(h)**Worked as Faculty Of Chemistry in George Telegraph Group**.(i)**Worked as Faculty Member in Merit Educational (Pvt.) Institute.

**(11) Proof of Of Identity**: Adhaar, Passport, PAN, Voter ID, Bank Account, Driving License.

**(12) Extra Curriculum Activity:** Paper publications ability.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl No. | Type of Paper/detail | Name of Journal /Seminar/Symposium and organizing Committee. | Paper /Presentation Details. | Date |
| 1 | National Seminar | NSPUIE-2003.  Inst.of Eco-toxicology and Env. Sc. (IEES) and National Metallurgical Lab. (CSIR). | Oral  Books.google.co.in/books?isbn=8177648578 | Dec-05-2003 |
| 2 | International Seminar. | CHISA-2004.  International Congress of Chem. & process Engg. Czech Scientific Committee | Poster, Sl.No-1654.Session-P-7 | 31ST May 2004. |
| 3 | National Seminar | WISTIR-2005  Dept. of Humanities and Social Science,  NIT. | NITR/HS/WISTIP/6-34 | Jan/08-09-2005. |
| 4 | International Symposium | LP-2004.  Chez Society of Chem Engg & Euro Fed of Chem. Engg. | Poster, Paper No-0690, Sec. D, System No- DP462, Pg-454, 4470-77 | 21-07-2004. |
| 5 | National Seminar | NSPUIE-2004,  IEES, RRL Bhubnesr | ----- | Dec-23 2004. |
| 6 | Journal | SECJ |  | Sep-2004 |
| 7 | International Symposium | Glasgow2005.  World Congress of Chem.Engg. | Regn.No-520. | 10-14july 2005 |
| 8 | Journal | Indian.Institute.  of Chem Engg.. | 04/36,  Ind.Chem.Engg.Sec- B, Vol.No-47. | 04.Oct-Dec-2005 |
| 9 | Seminar | ICIM-2005 | Poster. Accepted. | Feb-02- 2005. |
| 10 | International Seminar | WOMEN`S world-2005, Interdisciplinary Congress of Woman, Ewha Women’s University |  | 19-24 JUNE 2005 |
| 11 | National Seminar | IPR (Intellectual Property Right)CU. |  | 6TH –8TH Oct-2005. |
| Sl  No. | Type of Paper/detail | Name of Journal /Seminar/Symposium and organizing | Paper /Presentation Details. | Date. |
| 12 | International  conference | Woman Global Connection-2006.  San Antario, Texas. U.S.A. | Poster | Dec-2005 |
| 13 | National Seminar | IEES, St- Xavier’s College. , |  | 10-11 Dec 2006. |
| 14 | International Seminar | ECO –Summit 2007.  Ecological Society of China, Beijing. Elsevier-Oxford,U.K. | Poster. P-01005.  Sl.No-0349. | May-22-27 2007 |
| 15 | International journal of Scientific and Engineering Research. | ISSN 2229-5518 | (a)Industrially MEK synthesis from SBA.  (b)Design of ammonia synthesis.  (c)Math model of life expectancy.  (d)Molecular Hybridization.  (e) Quatum dots | MAR-01/2017.  SEP-21/2017.  Dec-13/18  August-18 |
| 16 | International Journal of Advance Research and Technology. | ISSN-2278-7763 | VOL-06,ISSUE-2,  VOL06, ISSUE10,  Vol07,  issue 4,8,12,. | Mar-06-2017  OCT-15-2017  Apr-14-2018 |
| 17 | International Journal of Science and Research (IJSR) www.ijsr.net | ISSN (Online): 2319-7064 | Application of supra-molecular chemistry in the Bio-world. | Volume 8 Issue 1, January 2019 |
| 18 | IISc -Bangalore Journal. | BOOK On Chemical Design | http://eprints.iisc.ac.in/60774  MEK to SBA |  |
| 19 | Lambart  Academic Pub(LAP) | Book On Design | NH3 Plant Design  ISBN:928-620-0-32575-4 | Sep-2019. |
| 20 | IJSREM journal | ISSN:2590-1892  & | Drug Design, VOL-3 Issue 09, | Sep -2019 |
| 21 | IJSREM | ISSN2582-3930 | NH3 Process plant design for a scale,vol-3 issue 12, | Dec-2019 |
| 22  23 | IJSREM  IJSREM | -do- | Water Quality Indexing Chemical Engineering Approach,  Vol-04,Issue-03  Synthetic route Paracetamol,green initiative, host guest,volume-4, issue-9. | March-2020.  September-2020. |
| 24 | IJCRT | ISSN-2320-2882, http://www.ijcrt.org/ | Drug Design strategy and chemical process maximization in the light of Molecular Hybridization Concept.”  VOL-08, ISSUE-12. | December, 06, 2020. |
| 25 | REVIEW/ RMS-Member | 1.HELIYON  (Elesviser)  4. RSC Advances Journal | 2. IJRAR journal, ISSN:2348-5138. | 3. InSc –Int journal of Basic & Applied Sc. |
| **Sl. No.** | **Details** | Authority | Nature of Business | Date |
| 26 | Short Term Course | IIT-Kharagpur, Sponsored by Ministry Of [MSME,](file:/C:/Users/hp/Desktop/New%20folder/SUBHASIS/courseIIT.jpg) Govt.Of India(IPR) and Rajib Gandhi School Intellectual Prop Law. | Participated as a research Scholar under Calcutta University. | 21.to 24 june 2010. |
| 27 | Short Term Course | IIT-Kharagpur, AICTE approved QIP Professional Ethic-11 Humanities and Social Science Dept. | Participatation certificate was given by, Dean CEP, IIT-KGP. | 25th to 31st,august,2011 |
| 28 | Short Term Course | IIT Madras AICTE course on Machine Design, by Mechanical Department. | Participated as College Faculty.  Chemical plant design. | 05 march to 10 march, 2018. |
| 29 | Webnar | NSOU,Department of Chemistry, School Of Science. | Particpated as scholar.  Advance study of Chemical Sciences | 23RD September, 2020 |
| 30 | Work shop | Visva Bharati,  AKD Center for planning and development. (NITI Ayojog) | Particpated as scholar.  ‘Use of Stastical software R in Research and Development” | 27TH Nov To 3RD December, 2020 |
| 31. | Work shop | IIT Kharagpur Rajib Gandhi School Intellectual Prop Law. | Allowed as AICTE ex Faculty for fee waiver, AICTE work shop on Biotechonology. | 14TH to 19TH December, 2020. |
| 32 | Short Term | IIT( BHU),  I-DAPT-HUB  DST funded. | Participated as scholar  “Computer Aided Drug Designand Protein Analysis.” | 22 to 26  Feb, 2021. |
| 33 | Short term | IIT- Kgp  Department Of Mathematics | Participated as ex Faculty  “**Mathematical Modeling of Flow and Transport Processes in Fluid Mechanics and Numerical Simulations.”** | 22 to 26 th  March 2021 |
| 34 | Online workshop | IIT-Kgp, NIT-Mizoram. | Participated as scholar “Articificial Intelligence and High Performance Computing.” | July 25 – 29, 2022. |
| 35 | IJRPR | International journal | Growth, Yield, of Kharieff Paddy through variation of micro nutrients, vol-3, Issue-8, 2022 by Subhasis Basu, Tanmoy Das, Chemistry, Burdwan University | 24/08/2022. |
| 36 | IJSREM | UGC care list journal. | Systematic Review on the Drivers of Coral Bleaching in India., vol-07, issue 02, Subhasis Basu, Rahi Soren | February 2023. |
| 37 | Work shop | 5th colloquy, Ganga Samvad | Blended capacity building program for stakeholers of river ganga, IIPA, SAIARD at Jadavpur University. | 15 th February, 2023. |

The above particulars furnished by me all are correct and true with best of my knowledge with.

C:\Users\hp\Desktop\vb phd chemistry\vb phd chemistry\signature..jpg****

Sincerely,

**Subhasis Basu.**