

## Dr. Subrata Datta , Ph.D , F.I.C.E.R. FZS (CAL) ,F.S.A.B..

### Personal Details:

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**Official Address** : Dr. Subrata Datta, Head. Department of Zoology.  
East Calcutta Girls' College  
Lake Town Link Road, Lake Town , Kolkata – 700089.  
Phone No. : (+9133) 2534 8039 & Jadavpur University Research Supervisor. E-mail-subrata\_0202@yahoo.com

### Academic Details :

Examination	Result / Rank	University	Year
B.Sc. (Honours) in Zoology	1 <sup>st</sup> Class 1 <sup>st</sup> (65.87%)	Bankura Christian college (Burdwan University)	1975
M.Sc in Zoology	1 <sup>st</sup> Class 1 <sup>st</sup> (72.25%) ( <b>University Gold Medallist</b> )	Burdwan University	1980
Ph.D in Science - (Zoology) .	Title: Genetical and Epidemiological evaluation of the Plasmids in <i>Shigella dysenteriae</i> type 1	Burdwan University , but <b>the Ph.D-work done in NICED, Kolkata , INDIA .</b>	1989

### Scholarship / Awards:

1. **Ranked 1<sup>st</sup> Class 1<sup>st</sup>** in B.Sc( **Honours** ) in the University of Burdwan .
2. **Ranked 1<sup>st</sup> Class 1<sup>st</sup>** in M.Sc and **won the University Gold Medal.**
3. Senior Research Fellowship (ICMR), Senior Research fellowship (UGC) , Research associate (CSIR) (**all are sponsored by Govt. of India**), CSIR – Pool Officer (Govt. of India).
4. **Awarded National Scholarship at Post Graduate Level.** Awarded Research Associate position in the **Department of Biochem, Wayne State University, Detroit Michigan USA, supported by NIH Research Grant, 1992- 1997.**
5. **Mani Kaustav award** in science (Certificate not given).
6. **Fellow of International Congress of Environmental Research ( F.I.C.E.R)** from **2008 .**
7. Awarded F.Z.S. (Cal) in Dec 2009 for Excellent Research and Teaching from CU.
8. **Awarded F.S.A.B. ( Govt of India )-in 2010-2011.**

## **Doctoral & Post Doctoral Work**

1. Research Fellow (1982-84) at **Burdwan University**. Effect of some chemicals including drugs on the embryonic and post embryonic stages of the chick embryo.
2. JRF /SRF (ICMR- Govt of India, 1985-89) at the **National Institute of Cholera & Enteric Diseases**, Beliaghata Calcutta -700 010 and **Burdwan university** (India) Research work done in Microbial Genetics such as gene transfer mechanism , characterisation of the plasmids (OMP/LPS-Synthesis and virulence properties).
3. Research Fellow of **ICMR** (Govt. of India) (1990-91) at the **National Institute of Cholera & Enteric Diseases** , Beliaghata Calcutta -700 010, India.
4. Research Associate of **CSIR** (Govt of India).( 1991-96) in Burdwan university (India) and **Indian Institute of Chemical Biology**, Jadavpur , Calcutta-700 032, India.
5. **Pool Officer CSIR** (Govt of India) in **Indian Institute of Chemical Biology**, Jadavpur, Calcutta-700 032 India.(19/12/1996 to 3 1/08/1998).
6. **CSIR Pool Officer** in the Division of Biochemistry', Department of Pharmaceutical Technology, Jadavpur University, Calcutta-700 032(India) from 01/09/1998 to 19/12/1999.
7. **Researcher in the Division of Biochemistry**, Department of Pharmaceutical Technology, Jadavpur University Calcutta-700 032(India) from 20/12/1999.
8. Joined as SRF in **National Institute of Cholera & Enteric Diseases**(ICMR- Govt of India Beliaghata, Calcutta -700 010 from 07/07/2000 to 30/08/2001.
9. At present working as a **Head, Department of Zoology ,East Calcutta Girls' College** Lake Town Link Road , Lake Town, Calcutta-700 089 from .01.09.2001 & **Research guide in Jadavpur University** from 01.09.2001. (Reader is due).

## **Membership:**

1. **Member, New York, Academy of Sciences, U.S.A(1995).**
2. **Member, Zoological Society, CU. (2008).**
3. **Member, Zoological Society, BU(2003 & onward).**
4. Member, Asian & Pacific studies, Calcutta, India (2006 & onward).
5. Member, Science Congress, India(2006).
6. Member, Society of Biological Chemist (India, 2006).
7. Member and Associate Secretary of the New York Society, USA, (2006 & onward).
8. Organiser the Electron Microscope Society, JU (2006 & onward)

## Publications:

### A) INTERNATIONAL:-

1. A small nonconjugative plasmid encoded for streptomycin resistant character in *Shigella dysenteriae* -**S Datta**, R Kumar, D.K.Chaudhuri and S.C. Pal 1988 Folia Microbial 33:525-528.
2. Expression of virulence and antibiotic resistance in an *Eschechrichia coli* transconjugant carrying a large plasmid p-CAT120 of *Shigella dyseteriae* type 1 and its spontaneous fragmentations D. Biswas , **S Datta**, U. Gahguli, R Kumar and S.C. Pal 1991 Folia Microbiol 36:127-135.
3. Characterisation of large plasmid encoding for lipopolysaccharide synthesis , drug resistance and virulence characters in *Shigella dysenteriae* type 1, **S. Datta**, D.K.Chaudhuri, 1993. Bio-Chemical Archives .9:287-296.
4. Evidence that a small 2.5kb plasmid encodes only streptomycin resistant (sm<sup>r</sup>) character in the epidemic strain of *Shigella dysenteriae* type 1, **S. Datta**, 1994, Bio-Chemical Archives , 10:145-154.
5. Involvement of a 70 kb plasmid of the epidemic *Shigella dysenteriae* type 1'(DT-66) strain in drug resistance lipopolysaccharide synthesis and virulence , **S. Datta**, A . Pal S.Basu, and P. C. Banerjee 1997, Microbiol Drug resistance ,3 winter Issue ,351-357.
6. Role of 70 kb plasmid of the epidemic strain *Shigella dysenteriae* type 1(DT-66) in 'Molecular Pathogenesis" **S. Datta**, R Karmakar, F Anwar & M .Chatterjee, **Bio-Chemical Archives** ,15(2): 129-144,1999.
7. Evaluation of selenomethionine as a chemopreventive agent in DMH induced rat colon-carcinogenesis. S Ghosh. KK Mukherjee, P Chatterjee, **S. Datta** & M. Chatterjee .**17th International cancer congress Rio de Janeiro** (Brazil) Aug24-28, 1998 PP361-366.
8. Influence of cadmium intoxication on hepatic lipid peroxidation , Glutathione level & Glutathione S-transferase &  $\gamma$ -glutamyl transpeptidase activities : correlation with chromosome aberrations in Bone marrow cells : R karmakar, A Banerjee, BN Indira, **S Datta**,& Malay Chatterjee. **J Environ PatholToxicol & Oncology**, I8(4)xx-xx1999. 1-11.
9. Vanadium suppresses sister chromatid exchange & DNA-Protein cross link formation & restores antioxidant status & hepatocellular architecture during 2-acetyl amino fluorine induced experimental rat hepotacarcinogenesis. **Subrata Datta et.al. – 2003, J. Experimental Therapeutics & oncology**; 3 (6), 346 – 362. ( **S.Datta,- As a research guide**).
10. Vanadium inhibits placental glutathione S-transferase (GST-P) Positive Foci in 1,2- Dimethyl hydrazine induced Rat colon carcinogenesis , **Subrata Datta** & others , J. Biochem Molecular Toxicology, 17 (6) **2003..** ( **S.Datta,- As a research guide** ).
11. 1a , 25 dihydroxy – vitamin D3 prevents DNA Damage & restores antioxidant enzymes in diethylnitrosamine induced rat hepatocarcinogenesis, promoted by phenobarbital – **S.Datta**, M.Chatterjee et .al. **World J. of Gastro enterology**, 10 (9) 1268 – 1275, **2004.**( **S.Datta,- As a research guide** ).

12. Changes in the antioxidant defense and hepatic drug metabolizing enzyme and isoenzyme levels, 8-hydroxydeoxyguanosine formation and expressions of c-ras.1 and insulin-like growth factor II genes during the stages of development of hepatocellular carcinoma in rats. S.Datta & B.Mukherjee *et. al.* **European Journal of Cancer Prevention** 2007, **16**:363-371.( **S.Datta as guide in J.U** ).
13. Role of 70 kb plasmid of the Indian epidemic strain *S.dysenteriae* 1 (Dt.66) in Molecular pathogenesis. (Paper IN PRESS in an **International Journal- “Infect. Immune”**, S.Datta *et. al.* 2009.
14. *Acanthus ilicifolius* plant extract prevents DNA-alterations in a transplantable Ehrlich ascites carcinoma bearing murine model; Subrata Datta & others: **World Journal of Gastro-enterology**; **2007**. 28; 13 (48): 6538 – 6548. ( **S.Datta,- As a research guide** ).
15. Pesticide Induced Changes on Avian Embryo. S.Datta *et al.* Journal of Environment and Ecology , 26( 2): 704 – 708, 2008 .
16. Effects of some pesticides on the embryonic stages of chick; S.Datta. **J. Environ. Res. Develop.** **2(3) 2009**.
17. Pesticide causes deformity in the organogenesis of the late embryonic stages of chick, S. Datta. **J. Environ. Res. Develop**: **3, (3, 2009)**.
18. Pesticidal abnormalities in the early embryogenesis of chick. S. Datta, Debojyoti Banerjee *et al* (paper communicated to **Journal of Environment and Ecology**, **2008**) & (in press).
19. Biological assessment of pollution in a water-body in Calcutta-Metropolis. Subrata Datta & Sobhana Paul *et al.*, J. Environ. Res. Develop, **3:4**; pp-1094 -1098 ,**2009**.
20. Pesticide causes deformity in the organogenesis of the late embryonic stages of chicks. S. Dutta, J. Environ. Res. Develop **3:3**; pp 706-711., **2009**.
21. Is biopesticide / fertilizer – a noble substitute of Chemical Pesticide / Fertilizer? S. Datta, J. Environn. Res.Develop, JERAD, 2012. (**Enclosed Acceptance Letter**). (in press)

## **B) NATIONAL :-**

1. Observation on the antibiogram and plasmid profiles of some streptomycin sensitive costarican and Tanzanian isolates of *Shigella dysenteriae* type 1, **S. Datta**, R Kumar, D.K.Chaudhuri and S.C. Pal 1988 Indian Biologist. XX:13-15.
2. Epidemiological aspects of plasmid profiles of *Shigella dysenteriae* type 1 strains isolated from Burma & India. **S. Datta**, R Kumar, D.K.Chaudhuri and S.C. Pal 1987 Indian Mcd Res: 86:568-570.
3. Toxic effects & agricultural hazards of some of the pesticides on the embryonic stages of chick. (accepted for publication in UGC sponsored National seminar on exploitation of Biological resources, Feb 21-22, 2009. Siliguri.
4. Role of 70 kb Plasmid of the Indian Epidemic Strain *Shigella dysenteriae* type 1 (Dt 66) in Molecular Pathogenesis. Proceedings of the IAAPS. Third binneal international Conference, Gwalior 2006. PP – 199 – 2009.

## PAPER-COMMUNICATED For Publication

1. Datta,s (2012) Morphological &Histological abnormalities of the avian embryos due to pesticide –J. Science & Culture.

## Meetings, International & National (Presentation):

1. *Selected abstract for presentation in the 11<sup>th</sup> International Congress of infectious diseases, held in M.exico, March 04-07, 2004. Role of 70 kb plasmid of the Indian epidemic strain Shigella dysenteriae type 1 (Dt-66) in drug – resistance, virulence & molecular Pathogenesis in shigellosis. S. Datta & B. Mukharjee, PP1-2, preliminary abstract No. 01896.*
2. Role of 70 kb plasmid of the Indian epidemic isolate *S.dysenteriae* type1 in ‘Molecular patho genesis’- S.Datta , **3<sup>rd</sup> International Conference, Indian Association for Asian & Pacific studies**, pp-108, oct 13-15,2006, Gwalior, India.
3. Role of 70 kb plasmid of the Indian epidemic isolate *S.dysenteriae* type1 in ‘Molecular patho genesis’- S.Datta –**National Seminar** on Home Science for better living in the present era,(150<sup>th</sup> Anniversary of C.U),P-20,Dec 06-08,2006.
4. Characterisation & Role of 70 kb plasmid in *Shigella (Dt66)*- S.Datta, **12<sup>th</sup> International Congress on infections Diseases, Portugal**, June 15-18, 2006, Preliminary Abstract No: 02257.
5. A genetically engineered ‘Vaccine candidate’ developed from diarrhoea causing *Shigella dysenteriae* strain: S. Datta *et al*; 2007; **1<sup>st</sup> IAPST annual National Convention** ( Orissa ), 2007; pp 42-43.
6. Effects of some pesticides on the embryonic stages of chick; S.Datta & S. Chaki ; Presentated in **International Congress of Environmental Research**; Bhopal, India, 2007.
7. Study on drug resistant plasmids in *Shigella dysenteriae* strains isolated during the epidemic of shigellosis in West Bengal. R Kumar, **S. Datta**. and S.C. Pal All India conference of Indian Public health Association ,17-19 January 1986 Calcutta India pp IX..
8. Plasmids encode outer membrane proteins of *Shigella dysenteriae*. **S.Datta** , S.C. Pal , and R. Kumar, 57<sup>th</sup> Annual meeting of society of Biological chemists. 10 – 12 October 1988 Delhi, India PP 269.
9. Molecular and genetical characterisation of a 70kb plasmid of the Indian epidemic *Shigella dysenteriae* type 1(DT-66) strain in relation to drug resistance lipopolysaccharide synthesis and virulence potentialities . **S. Datta** .ct al. **50th Indian Pharmaceutical congress association** , 13.12.1998 Mumbai, India,PP-67.
10. Evaluation of 4.5 kb plasmid of the epidemic strain *Shigella dysenteriae* type 1 in relation to drug resistance characters and virulence potentialities. **S. Datta**, M.K. Chakraborti. Annual meeting of the society of biological chemists (India) PP-H-15 ,7-9 December,2000.
11. Involvement of a small plasmid (10 kb) of the epidemic *Shigella dysenteriae* type I(DT-66) strain in drug resistance lipopolysaccharide synthesis. **S. Datta**, M.K. Chakraborti Indian Science congress 89th Session, Lucknow India ,2002,part-III pp-32.

12. An avirulent 6.5 kb non-conjugative plasmid of the epidemic strain *Shigella dysenteriae* type 1 (DT-66) encodes Erythromycin -vanadium resistance characters & outer membrane protein biosynthesis  
**S. Datta.M.K.Chakraborti. Indian Science congress ,89th Session , Lucknow India ,2002,part- III pp- 32-33.**
13. Role of 70kb Plasmid of the Indian epidemic strain *Shigella dysenteriae* type 1 (Dt-66) in drug resistance , virulence & Molecular pathogenesis in shigellosis **S. Datta & B. Mukherjee, 11<sup>th</sup> International Congress on infections Diseases. 2004, Mexico.**
14. Construction of a Vaccine strain from *S. dysenteriae*-1; S. Datta *et al*, 2007. Accepted for **1<sup>st</sup> Pharma Tech. IAPST International Conference** (on Drug delivery & drug targeting research). For 2008 (Kolkata) J.U, Kolkata.
15. Attended, **National seminar** on science, Since Linnaeus and Presented (oral presentation) a paper: A Genetically Engineered Vaccine Potential Developed from Diarrhoea causing *Shigella dysenteriae* Bacteria, S. Datta, Organised by Bidhannagar college, Kolkata, Sponsored by: Dept. of Higher Education from March 18 – 19, 2008.
16. Attended, **International Seminar** Organised by: Indian Association for Asian and Pacific Studies, and presented a paper, “Toxic Effects of the Pesticides on the Embryonic Stages of the Chick”. Held on Shantiniketan, West Bengal, August 22 – 24, 2008.
17. Presented a paper (Oral presentation ) in Indian Science Coongress .India, 2006

### **National and International Meetings (Conferences): -**

1. **International Conference on International Congress of Environmental Research (ICER)** –attended, in Goa, December **2008**, which was organised by BITS – Pilani, Rajasthan, and Journal of Environmental Research and Development, & presented a paper – Pesticides causes deformity in the organogenesis of the late embryonic stages of chick.
2. **Member of the Organising committee:** Subrata Datta, from Kolkata, India, presented as a member of the organising committee for **ICER – 08 (International Congress of Environmental Rsearch), for circulating and communicating the Eastern Zone, including West Bengal. (www.icer08.org).**
3. **Chair-Person-in ICER-2008.**
4. **Coordinator & Invited speaker:-in ICER-2008.**
5. **Selected & participated as a chair person / coordinator & “Invited speaker” for ICER-10, 2010, in Mauritius, held from 16.09.2010. to 18.09.2010.( International Congress)**
6. **Invited Speaker, Chir-person & Coordnator in 4<sup>th</sup> International Congress of Environmental Research ( ICER-11) ,Dec 15-17, 2011 held in SVNIT ,Surat.**

### **BEST PRESENTATION (Poster/Oral):-**

1. **International Conference on International Congress of Environmental Research** –attended in Goa, December **2008**, which was organised by BITS – Pilani, Rajasthan, and Journal of Environmental

Research and Development (JERAD) , & presented a paper – Pesticide causes deformity in the organogenesis of the late embryonic stages of chick (Oral) which was selected as the best oral presentation.

2. **Poster- Presented a paper-** Pesticide Induced Changes on Avian Embryo. S.Datta ,2008, in the above said International-Conference which was selected as the best poster presentation .

#### Editorial Board / Editor etc:

Subrata Datta, Kolkata, India, selected as a member of the Editorial Advisory Board of an International Journal of Environmental Research and Development, (*Abstracted and Indexed by Chemical Abstract Service, USA*), Published by JERAD Publications, Bhopal –462016, India. (www.jerad.org), from **2008 till date**.

1. Subrata Datta, Kolkata, India, selected as assistant editor of the circulating series book “Recent Advances in Animal Science Research” Published by Orion Press International, 2009.

#### Seminar & Workshop Attended:

1. Attended the 17<sup>th</sup> International Cancer Congress, Rio de Janeiro (Brazil) Aug 24-28,1998 and presented “Evaluation of Seleno -methionine as a chemopreventive agent in DMH induced rat colon carcinogenesis”, **S. Datta**, M Chatterjee. S. Ghosh, KK Mukherjee, P.Chatterjee 17th International Cancer Congress, Brazil ,PP-361-366. 1998.
2. Paper presented “Study on drug resistant plasmids in *Shigella dysenteriae* strains isolated during the epidemic of shigellosis in West Bengal” R Kumar, **S. Datta**, and S.C. Pal',30<sup>th</sup> All India conference of Indian Public Health Association ,17-19 January 1986 Calcutta India ppIX.
3. Oral presentation on “Plasmids encode outer membrane proteins of *Shigella dysenteriae*” **S. Datta**, and S.C. Pal. R Kumar, 57<sup>th</sup> Annual meeting of society of biological chemists , 10-12 October 1988 Delhi, India PP269.
4. Participated and Completed the workshop on Electron Microscopy and its application in Biological Sciences held during october12-15 1998, at the National Institute of Cholera and Enteric Diseases organised by the Electron Microscope Society, of India., at the National Level.
5. Evaluation of 4.5 kb plasmid of the epidemic strain *Shigella dysenteriae* type I in relation to drug resistance characters and virulence potentialities **S. Datta**, M .K. Chakrabarti. Annual meeting of the society of biological chemists (India) PP-H-15 ,7-9 December,2000.
6. Involvement of a small plasmid (10 kb) of the epidemic *Shigella dysenteriae* type I(DT-66) strain in drug resistance, lipopolysaccharide synthesis **S. Datta**, M .K. Chakrabarti Indian Science Congress .89th Session , Lucknow. India , 2002, Part – III pp-32.
7. An avirulent 6.5 kb non-conjugative plasmid of the epidemic strain *shigella dysenteriae* type I (DT-66) encodes Erythromycin- vanadium resistance characters & outer membrane protein biosynthesis. **S. Datta**, M.K. Chakrabarti, Indian science congress, 89<sup>th</sup> session, Lucknow , India,2002 part-III pp-32-33.

8. Molecular & Genetical characterisation of a 70kb Plasmid of the Indian epidemic *shigella dysenteriae* type 1 (DT-66) strain in relation to drug resistance. Lipopolysaccharide synthesis and virulence potentialities, **S. Datta**. et al, 50<sup>th</sup> Indian pharmaceutical congress association, 13.12.1998 Mumbai, Indian, PP-67.
9. Attended & participated in the UGC Sponsored seminar on 'woman & law' in the East Calcutta Girls' College. Lake Town , Calcutta – 700 089 on 23rd march, 2002.
10. Member of the Indian Association for Asian & Pacific Studies, Calcutta (Govt of West Bengal). 2002.
11. Member, New York Academy of Science, New York, USA.
12. Indo-USA workshop – wake up Foundation & J.U – Sonarpur- 28/01/03 to 03/01/03.
13. Woman & Law – U.G.C- Sponsored Seminar in East Calcutta Girls' College on 23/03/02.
14. Gender Justice & Woman Empowerment – U.G.C- Sponsored Seminar in East Calcutta Girls' College on 31/01/07.
15. Also included with publication from 2006-2007

### **Current Project:**

1. Awarded a minor U.G.C. Research Project w.e.f. March, 2005 from U.G.C. (Govt. of India) New Delhi, India which ended in March 2007. (*project successfully accomplished*)
2. Received **Major Project from UGC (Govt. of India)** w.e.f. 01/04/2008, on Toxic Effects and Agricultural Hazards of some of the Pesticides on the Embryonic Stages of Chick.  
[F. No. 33-369/2007 (SR)]

### **Research in Collaboration:**

1. Collaborative research project of DST (**Govt. of India**) & U.G.C. continued from 2000 to 2005 with Jadavpur University. (*project successfully accomplished*).
2. Collaborative research project of DST (**Govt. of India**) & U.G.C with Jadavpur University from March, **2003 to till date**.
3. **Total number of research fellow worked under Dr. Datta is 14 out of which PhD degree awarded to 10 fellows. 4 JRF are working in collaboration with Jadavpur University (JU), Kolkata – 700 032.**
4. **Invited Speaker : - Dr. S Dutta has been selected as an "Invited Speaker" in an International Conference – ICER-10 in Mauritius, organised by University of Mauritius, Redutt, Mauritius & JERAD (India) will be held on 16.09.10 to 18.09.10. in Mauritius.**
5. **Selected for guest lectures (two lectures) on 8<sup>th</sup> & 22<sup>nd</sup> July, 2010, in the AICTE sponsored QIP Refresher course, in department of Pharmaceutical Technology, J.U. Kolkata – 32, India.**



### **University Research Guide /Co-Guide:**

1. At present Working as a Research-guide/research Super visor for Ph.D degree in the Jadavpur University in the Pharmaceutical department, Out of **9- Research fellows, 4 fellows** awarded their Ph.D degree .
2. Under **UGC major project (Govt. of India)** one research scholar (Honorary fellow) working under the supervision of Dr. Subrata Datta in the Dept. of Zoology, East Calcutta Girls College, Kolkata – 700089.

### **Ph.D & M.phil Thesis Examiner:**

Ph.D thesis examiner of Sri Souvik Roy, Sri Mahesh Saralai, Sri Dhachinamoorthi, Smt. Tanusree Das & M.Pharm Final thesis examiner of Chandrashis Bhowmik and **many others**.

### **Teaching experience / Examiner /etc:**

1. *Participated in the teaching programme for Post. Graduate and Undergraduate classes in the pharmaceutical department in Jadavpur University* from 01/09/98 to 19/12/1999 as a CSIR pool officer.
2. Joined as a Head of the Department of Zoology in the East Calcutta Girls' College from 01/09/2001 at Laketown , Calcutta-700 089 and **working as a Sr. Lecturer in the same College (Promotion to Reader post is due)**.
3. Examiner for M. Pharm -I Semester-Bio-Chemistry Practical Exam In J.U on 28.02.2002.
4. Examiner for B Pharm -Part I Bio-Chemistry (Molecular Biology) 2nd semester Practical exam, held on 19th & 22<sup>nd</sup> July, 2002 in the division of Bio Chemistry ,Pharmaceutical Technology , J.U. Calcutta-700 032.
5. Examiner for M Pharm Ist semester Bio-Chemistry Practical Exam 2002 held on 28/02/2002 ,in the Pharmaceutical Technology. J.U. Calcutta-700 032.
6. Examiner for M Pharm seminar Paper setter & examiner, on seminar of the M Pharm 2nd Semester exam held on 10/12/2002 .Pharmaceutical Technology , J.U. Calcutta-700 032.
7. Attended as the delegate of the Paschim Banga Vigyan Mancha for Kolkata, District Calcutta, held on 20/12/2002 to 22/12/2002 in Gardenrich. Ramnagar, Kolakata,2002.
8. Conducted the Ph. D. thesis-viva-voce examination on 3/12/2003 as external examiner in J.U.
9. Conducted the M. Pharm Final thesis examination & viva-voce on 16/6/2004 in J.U.
10. **Acted as ‘officer in charge’ in C.U. final examination ( part I & part II ) from May to July, 2003. in the ‘East Calcutta Girls’ College.**
11. **Dr. Datta was ‘Teacher in Charge’ of the ‘East Calcutta Girls’ College in June, 2003.**
12. **Also prepared papers for ‘NAAC’ evaluation in the same college.**

13. Successfully completed the UGC – sponsored refresher course in ‘Life Science’ & obtained the highest grade ‘A’ conducted by the Academic staff college C.U. in 2004.
14. Acted as an external examiner in the B. Pharm part I –Bio-chemistry (Molecular Biology) 2<sup>nd</sup> semester practical exam in July, 2002 in J.U.
15. Conducted M. Pharm 1<sup>st</sup> Semester Biochem practical exam on 28<sup>th</sup> Feb,2002 in J.U.
16. Conducted M. Pharm. Seminar, 2002 in J.U.
17. Conducted M.Pharm 1<sup>st</sup> semester Biochem Practical exam as the external examiner in 28/2/2002 in J.U.
18. Conducted B.Sc. Part – I & II C.U. General Practical Examination, 2008 as **External Examiner** at Raja Peary Mohan College, Uttarpara.
19. Examiner of **B.Sc. Part – II (Honours Examination- Zoology), C.U. Paper III/ Group: A, 2008.**
20. Examiner of **B.Sc. Part – III, General (Zoology) C.U. 2008**

### **International workshop & Examination conducted / Organised :-**

1. *Conducted an International workshop on Molecular Microbiology, organised by USA & wake up foundation (India)-Professor. S.Palchaudhury (USA )&Dr.Subrata Datta (INDIA).*
2. Examiner of **ENVS** of C.U, 2005.
3. External examiner of B. pharm Part I 2<sup>nd</sup> semester (Bio-chemistry) exam, held in July 2004,in J.U.
4. External examiner of B. pharm part I, 2<sup>nd</sup> semester –viva-voce examination on 25<sup>th</sup> August & 1<sup>st</sup> September,  
2003 in J.U.
5. External examiner of B. Pharm part 1, 2<sup>nd</sup> semester examination 2003 on 25.08.03 & 26.08.03 in J.U.
6. External examiner of B. pharm part I 2<sup>nd</sup> semester examination 2003 on 25.08.03 & 26.8.03 in J.U.
7. Internal examiner of B. Sc (General) Zoology General practical exam of part I & part II exam, 2003. (C.U), Zoology Dept. ECGC.
7. Internal Examiner of B. Sc Zoology General pract exam of part I & part II exam, 2003 (C.U.) held in the Zoology Dept., ‘East Calcutta Girls’ College (ECGC).
8. External examiner of C.U, conducted the B.Sc part I Zoology General practical exam, 2004 at Bidhan Nagar College, Saltlake, Kolkata – 700 064.
9. **External examiner of the thesis of Chandrasis Bhowmik of M. pharm Final exam, 2004, J.U.**
10. Member - - “Joint Doctorate Committee” of J.U.

11. **External examiner, M. pharm 3<sup>rd</sup> semester Thesis examination & viva-voce on 21/03/2003. J.U.**
12. **External examiner** of B. pharm part I, 2<sup>nd</sup> semester (Biochem) exam, 2004, in J.U.
13. **Internal examiner of B.Sc (General) part II & part I – zoology practical exam** in the ‘East Calcutta Girls’ college, C.U, April, 2005.
14. **External examiner of B. Sc (General) part II – zoology practical exam** in the Raja Peary Mohon college, Uttar Para, C.U. , April, 2005.
15. **B.Sc. Part I & Part II (C.U) examiner (theory)** of 2005, 2006 & 2007
16. **M.Pharm, B.Pharm practical examiner (J.U)** since 2005 to 2007.
17. Ph.D viva voce examineer of **J.U** for the last 3 years from 2005.

### **Extra Curricular Activities:**

#### **A. Resource Person:**

1. Delivered an **invited guest lecture** in the 70<sup>th</sup> orientation program for college & university teachers organised by **U.G.C – academic staff college, C.U. Kolkata-700009, 2006 & 2007.**
2. Delivered an **invited lecture** in the **AICTE Sponsored QIP Refresher course** in the Pharmaceutical Department, **Jadavpur University, Kolkata-700032, 2005, 2006 & 2007.**
3. Delivered an **invited guest lecture** as a resource person in the AICTE sponsored **QIP-Refreshers’ course** in 2005 (15/07/05 & 22/07/05) in the department of pharmaceutical Technology, **J.U., 2005.**
4. Delivered an **invited guest lecture** in the **AICTE Sponsored QIP Refresher course** in the Pharmaceutical Department, **Jadavpur University, Kolkata-700032, 2008**
5. Delivered an **invited lecture in ICER-2008 .**
6. Delivered an **invited lecture on 8<sup>th</sup> Jan and 14<sup>th</sup> Jan 2010.** In two week refresher course on ‘Pharmaceutical Science’: today and tomorrow of Quality Improvement Programme (QIP),  
Department  
Of Pharmaceutical Technology, JU, Kol, India.

#### **B. Sports, Games & Others Events:**

1. Awarded “**ONE STAR” MERIT CERTIFICATE from the Govt. of India,** Ministry of Education.
2. B.U selected Cricket player.
3. Participated and won the prizes in **ANNUAL SPORTS** in the college in 2006 & 2007.
4. Member Paschim Banga Vigan Muncha.

5. Participated in Zonal Paschim Banga Vigan Muncha, 2003-2004.
6. Executive member of W.B.C.U.T.A in the primary unit of the college since 2005.

### **C. Popular-talk:-**

1. An **invited** Popular-talk was delivered in Khardah-Book Fair in 2008.

### **D. Foreign visit:-**

1. 1992-1997, RA and Postdoc Research Fellow in Wayne University in Immunology & Microbiology Department under NIH grant, Detroit, USA.
2. 1999, Attended Seminar in Portugal.

### **3. ICER-IO-IN Mauritius .**

### **4. ICER-11-IN Surat.**

**Resource-Person :-Delivered Guest-Lecture in AICTE-SPONSORED Courses  
On course1 & course-2 in PHARMACEUTICAL-Research  
&Studies on June to July in Jadavpur University,2012.**

**ICER-12:- Selected as a coordinator, Chair-person & Invited Speaker in an  
An INTERNATIONAL-seminar in KUALAMPUR, MALAYASIA,  
IN 2012.**

**IAAPAS;- Selected as as invited Speaker in an International-Seminar,  
Organized  
By C.U. & Iaapas in Calcutta , 2012.**

### **References:**

1. Dr.Biswajit Mukherjee. Reader, Department of Pharmaceutical Technology. (Former DAAD-fellow(Germany),Ex-guest Scientist, German Cancer Research Centre, Germany, Ph.D, F.I.C, F.I.C.S.) JADAVPUR UNIVERSITY, Jadavpur, Calcutta-700032, India .Ph- +91-33-2414 -6393 /2414 -6666,Extn-2317 (0) / 91-33-2427-6026.
2. Dr. Sunil Paul Choudhury. Professor, Division of Immunology & Microbiology, Wayne state University, Detroit, Michigan, USA. Phone: 001-586-779 3788 (Res). Email: spalchau@med.wayne.edu.

3. Prof. Dr. Samir Banerjee, FZS., FAScT. (Hiralal Chaudhuri Professor in Fisheries), Aquaculture Research Unit, Department of Zoology, Calcutta University, 35, Ballygunj Circular road, Kolkata 700019, India, Phone +91-033- 24615445,(Ext277), Mobile: 09331021657, Email: samirbancu@gmail.com.
4. Dr. G. B. Nair, Ph.D., FNASc, **Bhatnagar Awardee**, Director of National Institute of Cholera and Enteric Diseases, Beliaghata, Kolkata – 700010, India, Phone: +91-33-23501176, Email: [icmrnicd@ren.nic.in](mailto:icmrnicd@ren.nic.in).

Date:

Place:

**(Subrata Datta, Ph.D,FICER F.Z.S.(Cal) FSAB .**