

Curriculum Vitae of Dr. Samar K Basak

1. Personal Details:

- i. Name:** Dr. Samar K Basak
- ii. Date of Birth:** 1st May, 1958
- iii. Place of Birth:** Malda, West Bengal, INDIA.
- iv a. Address (Resi):** 44 (36), N N Bagchi Road,
Barackpore,
Kolkata – 700 120. INDIA
Phone No.: +91 33 25450168
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- iv b. Address (Off):** Disha Eye Hospitals,
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INDIA; Pin: 700120.
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2. Professional Qualification:

- 2007 **FRCS:** Royal College of Physicians & Surgeons, Glasgow, UK.
- 1994 **DNB:** Diplomate of National Board of Examiners, Govt. of India,
- 1987 **MD:** Dr. R P Centre for Ophthalmic Sciences, AIIMS, New Delhi, India,
- 1982 **MBBS:** N R S Medical College, Calcutta University, West Bengal, India.

3. Registration No.: West Bengal Medical Council/42191 date: 03.12.1983

4. Present Position:

- **Director**, Disha Eye Hospitals & Research Centre, Barrackpore, Kolkata 700120.
- **Sr. Consultant:** Anterior Segment diseases, especially Cataract (Phaco and SICS),
- **Director**, Cornea and External Diseases, and Eye Bank Services.
- **Medical Director:** Prova Eye Bank, Disha Eye Hospitals
- **In-Charge**, Hospital Cornea Retrieval Programme (HCRP) and **Advisor** to the Govt of West Bengal on Eye Banking Issues
- **Advisor** to Govt. of India on Eye Banking and HCRP

5. Other positions held currently (2013-onwards):

- **President**, Eye Bank Association of India (2013-2016)
- **Editor, Proceedings**, All India Ophthalmological Society (2011-2017)
- **Member, Editorial Board**, Indian Journal of Ophthalmology (2011-2018)
- **Executive Member**: National Society for Control of Blindness, West Bengal, India

6. Professional Memberships:

- **Life Member**, All India Ophthalmological Society.
- **Life Member**, Eye Bank Association of India
- **Life Member**, Indian Medical Association
- **Life Member**, Delhi Ophthalmological Society
- **Member**, American Academy of Ophthalmology
- **Member**, Cornea Society, USA
- **Member**, Asia Cornea Society
- **Member**, Asia Eye Bank Society
- **Member**, Ophthalmic Photographic Society, USA

7. Teaching Experiences:

- **Examiner FRCS, University of Glasgow**. Since 2008 and continuing
- **Clinical Teacher & Co-ordinator, Appraiser and Examiner in DNB (Post graduate) Course under Govt. of India**, in Disha Eye Hospitals (2003 to till continuing).
- **RMO cum Clinical Tutor** NRS Medical College, Kolkata, India (June, 93 – April, 97)
- **In-Charge**, Atul Ballav Eye Bank and Cornea Grafting Unit, NRS Medical College, Kolkata, (June 1993- April 1997)

8. Academic Activities:

Books written:

- Essentials of Ophthalmology**: 7th Edn (May, 2019), [1st Edn: 1997], Jaypee Brothers Publishing Ltd, Delhi, India – For undergraduates & post graduates
- Ophthalmology: Oral & Practical**: 4th Edn (2011), [1st Edn: 1996] Current Books International, Kolkata, India - For undergraduates

- iii) **Atlas on Clinical Ophthalmology: 2nd** International Edn. (2013), Jaypee Brothers, New Delhi, India: For postgraduates & comprehensive ophthalmologists
International publication *from McGraw Hills* Sept, 2008.
- iv) **Ophthaphilately: Postage Stamps on Ophthalmology** 1st International Edn. (2007) Jaypee Brothers, New Delhi, India: For Students, teachers and common people who loves history.
- v) **Mini Atlas on Clinical Ophthalmology** – Ist Edn (2009), Jaypee Bros, New Delhi.
- vi) **Mini Atlas on Diseases of the Cornea:** 1st Edn 2011, Jaypee Brothers. New Delhi,
- vii) **Eye Diseases & Microsurgery:** For public education: 1st Edn (1994), Mitra & Ghose, Kolkata.
- viii) **2 Chapters:** in Text books in Ophthalmology by Dr. LC Datta., Jaypee Brothers, New Delhi
- ix) **Section on External Eye Diseases:** in Text books in Ophthalmology by Dr. Sandeep Saxena, Jaypee Brothers, New Delhi
- x) **Section on Manual DSEK:** in text Book DSEK (2012) by Prof R B Vajpayee, New Delhi
- xi) ATLAS on Ophthalmologica Clinica (July 2012) – in Spanish* is published from Spain.

Publications (in Indexed Journals only):

1. **Basak SK**, Basak S, Gajendragadkar N, Ghatak M. Overall clinical outcomes of Descemet membrane endothelial keratoplasty in 600 consecutive eyes: A large retrospective case series. *Indian J Ophthalmol.* 2020;68:1044-1053
2. Das N, Das J, **Basak SK**. A Case of Reactivation of Herpes Simplex Virus Corneal Endotheliitis Following Periocular Botulinum Toxin A Injection. *Ophthalmic Plast Reconstr Surg.* 2020 May/Jun;36:e73-e75.
3. **Basak SK**, Basak S. Clinical Outcomes and Endothelial Cell Density After Descemet Membrane Endothelial Keratoplasty Using Peripherally-trephinated Donor Tissue (DMEK-pD) in Fuchs Endothelial Corneal Dystrophy. *Cornea.* 2020;39:437-442.
4. **Basak SK**, Basak S. Descemet Membrane Endothelial Keratoplasty in Irreversible Corneal Edema Due to Herpes Simplex Virus Endotheliitis. *Cornea.* 2020;39:8-12.
5. Das J, **Basak SK**, Das N. Conjunctival stromal tumour (COST): anterior-segment OCT findings. *BMJ Case Rep.* 2019 Nov 21;12:e230348.
6. Sharma N, Arora T, Singhal D, Maharana PK, Garg P, Nagpal R, Murthy S, Gunnam S, Arora A, Prajna V, Rajaraman R, Padmanabhan P, Kumar A, Kumar R, Tomar S, Thomas A, Gyanchand R, Arora R, Biswas B, **Basak SK**. Procurement, storage and utilization trends of eye banks in India. *Indian J Ophthalmol.* 2019;67:1056-1059.

7. **Basak SK**, Basak S. Cystoid Macular Edema following Boston Keratoprosthesis Type II: Treatment. *Ophthalmology*. 2019 Jul;126(7):966.
8. **Basak SK**, Basak S. Recurrence of herpes simplex virus endotheliitis in a Descemet membrane endothelial keratoplasty graft: mimicking fungal interface infection. *BMJ Case Rep*. 2019 May 6;12(5).
9. Driver TH, Aravena C, Duong HNV, Christenbury JG, Yu F, **Basak SK**, Aldave AJ. Outcomes of the Boston Type I Keratoprosthesis as the Primary Penetrating Corneal Procedure. *Cornea*. 2018 Nov;37(11):1400-1407.
10. **Basak SK**, Basak S, Pradhan VR. Outcomes of Descemet Membrane Endothelial Keratoplasty (DMEK) Using Surgeon's Prepared Donor DM-Roll in Consecutive 100 Indian Eyes. *Open Ophthalmol J*. 2018 Jul 23;12:134-142
11. Pradhan A, **Basak SK**, Chowdhury T, Mohanta A, Chatterjee A. Keratitis After Post-Kala-Azar Dermal Leishmaniasis. *Cornea*. 2018;37:113-115.
12. **Basak SK**, Basak S, Sarkar U. Long Eyebrow Hair Causing Corneal Ulcer. *Ophthalmology*. 2017 Dec;124(12):1807.
13. Basak S, **Basak SK**, Biswas B. Comparison of seropositivity of human immunodeficiency virus, hepatitis B virus, hepatitis C virus, and syphilis among Hospital Cornea Retrieval Programme-Donors versus voluntary cornea donors at a large eye bank in Eastern India. *Indian J Ophthalmol*. 2017 Nov;65(11):1138-1142.
14. Gogate PM, Biswas P, Natarajan S, Nayak BK, Gopal S, Shah Y, **Basak SK**. Residency evaluation and adherence design study: Young ophthalmologists' perception of their residency programs II: Academics and Research dissertation. *Indian J Ophthalmol*. 2017 Jan;65(1):12-18.
15. Alexander JK, **Basak SK**, Padilla MD, Yu F, Aldave AJ. International Outcomes of the Boston Type I Keratoprosthesis in Stevens-Johnson Syndrome. *Cornea*. 2015 Nov;34(11):1387-94.
16. **Basak SK**, Basak S Complications and management in Descemet's stripping endothelial keratoplasty: analysis of consecutive 430 cases. *Indian J Ophthalmol*. 2014 Feb;62(2):209-18.
17. **Basak SK**, Pal PP, Basak S, Bandyopadhyay A, Choudhury S, Sar S. Prevalence of dry eye diseases in hospital-based population in West Bengal, Eastern India. *J Indian Med Assoc*. 2012 Nov;110(11):789-94
18. Guha R, Chowdhury S, Palui H, Mishra A, **Basak SK**, Mandal TK, Hazra S, Konar A Doxorubicin-loaded MePEG-PCL nanoparticles for prevention of posterior capsular opacification. *Nanomedicine (Lond)*. 2013 Jan 11. [Epub ahead of print]
19. Hazra S, Guha R, Jongkey G, Palui H, Mishra A, Vemuganti GK, **Basak SK**, et al. *Mol Vis*. 2012;18:1701-11. Epub 2012 Jun 22.

20. Aldave AJ, Sangwan VS, Basu S, **Basak SK** et al, International results with the Boston type I keratoprosthesis. *Ophthalmology* 2012;119:1530-8.
21. **Basak SK**, Deolekar S, Mohanta A et al. Bacillus cereus Infection after Descemet Stripping Endothelial Keratoplasty. *Cornea*: 2012 Jan 18. [Epub ahead of print]
22. Arshinoff SA, Bastianelli PA, **Basak SK**, et al. Incidence of postoperative endophthalmitis after immediate sequential bilateral cataract surgery. *J Cataract Refract Surg* 2011; 37:210-14.
23. Agrawal V, Upadhyay J, **Basak SK**; Indian Cataract Risk Stratification Study group. Validation of scoring system for preoperative stratification of intra-operative risks of complications during cataract surgery: Indian multi-centric study. *Indian J Ophthalmol*. 2009;57:213-5.
24. **Basak SK**, Basak S, Bakshi P, Basu S. Keratouveitis caused by *Euphorbia* Latex. *Indian J Ophthalmol*.2009
25. Mohanta A, Bhaumik A, Singhal P, **Basak SK**. Surgical Management of Iris Cyst With Corneal Decompensation: Cyst Excision With Descemet Stripping Endothelial Keratoplasty. *Techniques in Ophthalmology* 2009;7:97-100.
26. **Basak SK**, Mohanta A, Bhowmick A, Shingal P. Ocular toxicity by latex of *Calotropis procera* (Sodom apple). *Indian J Ophthalmol*.2009;57:232-34.
27. **Basak SK**. Descemet stripping and endothelial keratoplasty in endothelial dysfunctions: Three month results in 75 cases. *Indian J Ophthalmol*. 2008;56:291-6.
28. **Basak SK**, Basak S, Roychoudhuri A. 'SIA-Soft': New software to calculate surgically induced astigmatism in comparison with manual mathematics by vector method. *Indian J Ophthalmol*. 2008;56:170.
29. **Basak SK**, Hazra TK, Bhattacharya D. Persistent corneal oedema secondary to presumed dead adult filarial in the anterior chamber. *Indian J Ophthalmol*. 2007;55:67-69.
30. **Basak SK**. Birth centenary of Sir Harold Ridley (10th July 1906 - 25th May 2001). *Indian J Ophthalmol*. 2006;54:219-20.
31. **Basak SK**. Microbial Keratitis. *Ophthalmology*. 2006;113:2115-6.
32. **Basak SK**, Singhal P, Hazra TK, Gibson DI. Avian trematode *Philophthalmos*, *Ophthalmology*. 2006;113:1063.e1-2
33. **Basak SK**, Basak S, Mohanta A, Bhowmick A. Epidemiological and microbiological, diagnosis of suppurative keratitis in Gangetic West Bengal, eastern India. *Indian J Ophthalmol*. 2005;53:17-22.
34. **Basak SK**. Bridging the Training Gap- Converting from Sutured to Sutureless Non-phaco Cataract Surgery, *Community Eye Health Journal*. 2004;17:55-6.

35. **Basak SK.** Low endothelial cell count and clear corneal grafts. *Indian J Ophthalmol.* 2004;52:151-3.
36. **Basak SK,** Sinha TK, Bhattacharya D, Hazra TK, Parikh S. Intravitreal live *Gnathostoma spinigerum*. *Indian J Ophthalmol.* 2004;52:57-8.
37. **Basak SK,** Hazra TK, Bhattacharya D, Sinha TK. Unilateral pellucid marginal degeneration. *Indian J Ophthalmol.* 2000;48:233-4.
38. Chattopadhyay DN, **Basak SK,** Ghose S. HIV-positive patient presented with giant molluscum contagiosum of the eyelid. *J Indian Med Assoc.* 1997;95:202.
39. Panda A, Kumar G, **Basak SK,** Mohan M, Gupta SK. The effects of corticosteroid and reduced glutathione on the endothelial viability during culture in MK medium. A light microscopy study. *Acta Ophthalmol* 1994;72:731-6.

Papers, Posters, ICs and Videos presented in different International Conferences

1. “Eye Drops: Size Does Matter!” – Paper presented in **International Congress of Ophthalmology (ICO), Sydney, 2002.**
2. Susruta in Indian Ophthalmology – Poster presented in **International Congress of Ophthalmology (ICO), Sydney, 2002.**
3. “Vasculoplasty: a new modality for non-healing fungal corneal ulcer with Hypopyon” – Poster presented at **AAO Annual Conference, Orlando, 2002.**
4. “Intracameral Amphotericin-B in Fungal Corneal ulcer with Hypopyon – a randomized controlled clinical trial” - Poster at **AAO Annual Conference, New Orleans, 2004.**
5. “Famous (and not so famous) Blind people of the World through Postage stamps of the world” - Poster at **AAO Annual Conference, New Orleans, 2004.**
6. “Time, Cost and Surgical outcomes of Phaco Vs Non-phaco Sutureless Cataract Surgery in White Cataracts”. – Free Paper presented at **ESCRS Annual Conference, Paris, 2004.**
7. “Manual SICS with Penetrating Keratoplasty – an alternative approach of Triple Procedure” - Poster presented at **ESCRS Annual Conference, Paris, -2004**
8. “Non-phaco Sutureless Cataract Surgery in Subluxated Cataract” – Video film presented at **ESCRS Annual Conference, Paris, 2004.**
9. “Vasculoplasty: a new modality for non-healing fungal corneal ulcer” - Video film presented at **ESCRS Annual Conference, Paris, 2004.**
10. “History of Ophthalmology through postal stamps of the world.” – **APAO, Bangkok, 2003.**

11. “Temporal Non-phaco Sutureless ECCE PCIOL with or without OCCIT for Correction of Pre-existing Corneal ATR >1.00 D” – Paper presented at **ISRS/AAO at Hong Kong, 2005.**
12. “Ophthalmic Myths in through Postage Stamps of the World” –Poster presented at **APAO, Malaysia, 2005.**
13. “History of Ophthalmology- *From darkness to Light and Beyond...*” – Video film presented at **APAO, Malaysia, 2005.**
14. Validation of a new Software – “How to calculate Surgically Induced Astigmatism” – Poster presented in **AAO Conference, Chicago, 2005**
15. “Famous (and not so famous) people in Ophthalmic field through Postage stamps of the world” - Poster presented in **AAO Conference, Chicago, 2005**
16. “Manual Small incision Cataract Surgery” –Invited speaker in Symposium in “Indian Pearls in Ophthalmology” presented in **AAO Conference, Chicago, 2005**
17. Dissection in DALK by Dual Interface Technique – Video Film in **ESCRS, London, 2006**
18. Phaco Section by Wire-Snare: A new technique in Stitchless Manual SICS in Suprachard Cataracts: Video Film Presented in **ESCRS, London, 2006**
19. Instruction Course on “ Management of PCR with or without vitreous loss by Anterior Segment Surgeons”: Presented in **ESCRS, London, 2006**
20. “Human Ocular infection by Avian Trematode *Philophthalmos*” Video presented in **AAO Conference, Las Vegas, 2006. This has been included in teaching Video by AAO-2006.**
21. Dissection by Dual Interface Technique in Deep Anterior Lamellar Keratoplasty – Poster Presented in **AAO Conference, Las Vegas, 2006**
22. Instruction Course on “Management of PCR with or without vitreous loss by Anterior Segment Surgeons”: Presented in **AAO Conference, Las Vegas, 2006**
23. DSEK and Manual SICS: A new combined Surgery for endothelial dysfunctions with Cataract: Poster presented in **AAO-ISRS Conference in Beijing, 2007**
24. DSEK and Manual SICS: A new combined Surgery for severe endothelial dysfunctions with Cataract: Paper presented for **ESCRS, Stockholm, Sweden, Sept 2007**
25. Double Manual combine technique in severe Fuchs’ dystrophy with cataract. Video presented for **ESCRS, Stockholm, Sweden, Sept 2007 (Best Video)**
26. DSEK and Manual SICS: A new combined Surgery for severe endothelial dysfunctions with Cataract: Poster for **AAO, New Orleans, USA, Nov 2007**
27. Double Manual combine technique in severe Fuchs’ dystrophy with cataract. Video presented for **AAO, New Orleans, USA, Nov 2007**

28. Conjunctival Pigmentation as a predictor of Severity of Vernal Conjunctivitis: Poster presented for **AAO, New Orleans, USA, Nov 2007**
29. Combined Keratoplasty and Manual SICS – invited guest Lecture given in Croatian Ophthalmic Society-AAO Symposium in May, 2008 in **Sibenik, Croatia**
30. DSEK – Results in first 100 cases – **Paper presented in WOC 2008 , Hong Kong**
31. Combined Keratoplasty and Manual SICS – invited guest Lecture **in WOC 2008 , Hong Kong**
32. HCRP in Indian Eye Banking Scenario - invited guest Lecture **in WOC 2008 , Hong Kong**
33. Descemet stripping and endothelial keratoplasty (DESK): Results in first 110 consecutive cases – Paper presented in **ESCRS 2008 Berlin, Germany**
34. Safety of Prophylactic Intracameral 0.05% Moxifloxacin Ophthalmic Solution during Cataract Surgery to Prevent Postoperative Bacterial Endophthalmitis – Paper presented in **ESCRS 2008 Berlin, Germany**
35. Late Secondary Angle Closure Glaucoma following Descemet Stripping Endothelial Keratoplasty and its Management – Video in **ESCRS 2008 Berlin, Germany (Best Video)**
36. Endothelial Cell loss in Descemet Stripping Endothelial Keratoplasty (DSEK) in First 110 Cases – Poster presented in **AAO 2008 - Atlanta, USA**
37. Late Secondary Angle Closure Glaucoma following Descemet Stripping Endothelial Keratoplasty – Paper presented in **AAO 2008 – Atlanta, USA**
38. Late Secondary Angle Closure Glaucoma following Descemet Stripping Endothelial Keratoplasty and its Management – Video presented in **AAO 2008-Atlanta, USA (Best Video). This video also awarded as teaching (Front Row) video.**
39. Instruction Course on “Management of PCR with or without vitreous loss by Anterior Segment Surgeons”: Presented in **AAO Conference, Atlanta 2008**
40. Instruction Course on “High Risk Keratoplasty” **presented in AAO Conference, Atlanta 2008**
41. New Triple Procedure: **DSEK and Cataract Surgery** Poster presented **in Eye Bank Association of America, Annual Meeting, Seattle, 2009**
42. Complications in First 275 cases of DSEK. Paper presented in **ESCRS, Barcelona 2009**
43. Donor dissection in DMEK, Paper presented in **ESCRS, Barcelona 2009**
44. DSEK: Complications in First 275 cases; **Best Poster award, AAO -2009**
45. Donor Dissection in DMEK: **Best PosterAward AAO-2009**
46. Donor Dissection in DMEK: **Best Video Award AAO-2009**
47. FP on a large series of pterygium – presented in **AAO -2010**
48. IC on Abandoned phaco: convert to Manual SICS in **AAO 2010**

49. Video Film on Boston KPro – “Paradise regained” in **AAO 2010**
50. Presented FP, symposium and Instruction courses in **APAO – Beijing 2010**
51. IC in **ESCRS** in Vienna 2011
52. IC, Posters, Wet Lab and video presented in **AAO 2011**
53. IC, Papers, Wet Lab in **ASCRS 2012**
54. ICs, Wet Lab, Video on Boston KPro and Posters in **AAO-2012**
55. Guest Lecture on DSEK in Cornea Day, **ASCRS -2013**
56. ICs, Wet Lab, Video on Boston KPro and Posters in **AAO-2013, New Orleans**
57. Invited Guest faculty, in April, **WOC 2014, Tokyo, Japan**
58. ICs, Wet Lab, Video on DSEK and Posters in **AAO-2014, Chicago**
59. ICs, Wet Lab, Video on DSEK/PK and Posters in **ESCRS-2014, London**
60. Invited faculty in Asia Cornea Society 2014 meeting, in **Dec-2014, Taipei, Taiwan**
61. Invited faculty & presented FP/Poster in World Cornea Congress, 2015 at San Deigo, USA
62. FP/Poster and Video presentation in ASCRS 2015 at San Deigo, USA

- Other Conferences till date:

AIOS Conferences:	Paper/Poster/Video presented =	101
Zonal Level Conferences:	Paper/Poster/Video presented =	51
State Level Conferences:	Paper/Poster/Video presented =	57
Other State Conferences	Paper/Poster/Video presented =	71

“Reviewer” for Indexed Journals:

- i) **Indian Journal of Ophthalmology**, since 2002 till continuing.
- ii) **Ophthalmology**, since 2004 till continuing.
- iii) **Expert Review of Ophthalmology** – from 2007
- iv) **Clinical Ophthalmology** – from 2007
- v) **British Journal of Ophthalmology** – from May 2009
- vi) **New Zealand Journal of Ophthalmology** – from 2010
- vii) **American Journal of Ophthalmology** – since 2016
- viii) **Cornea** – since 2018

Invited Faculty for the International Conferences:

- 1) **Bangladesh Ophthalmic Society Conference** - in 2002

- 2) **ISRS/AAO Conference** - in **Hong Kong** held in May, 2005
- 3) **AAO - Annual Conference** – in **Chicago in Oct, 2005** as a Speaker for the Session on “Indian Pearls in Ophthalmology”
- 4) Invited as AAO-nominated international guest speaker in **AAO-HOD joint symposium in Croatian Ophthalmic Society Conference, Sibenik, Croatia – 2008.**
- 5) **WOC 2008** – to be held in **Hong Kong in June 2008** – as Chairperson in Cornea, External Eye Diseases and Eye Bank
- 6) **External Eye Diseases** – South East Asian Advisory Board – **Cambodia, Aug, 2008**
- 7) As Guest faculty in **Nepal Ophthalmic Society- CME and Live surgical workshop on Lamellar keratoplasty, Dec. 2008**
- 8) As Guest speaker and Chairperson in Cornea & External diseases in **APAO-2009** to be held in **Bali, Indonesia in May -2009**
- 9) As Guest faculty in EBAA, Annual Meet – in June 2009 in **Seattle, USA.**
- 10) Invited Guest Speaker on Dry Eye Symposium in **Vietnam Ophthalmic Society-2009**
- 11) APAO Beijing in 2010; APAO-Sydney in 2011
- 12) SAARC Academy of Ophthalmology, **Bangladesh** – 2011
- 13) Invited speaker in AAO Lounge program **Orlando** 2011
- 14) Guest Speaker in CURSO meeting in **Bascom Palmar, Miami, Florida** 2011
- 15) Invited Speaker on Eye Banking, DSEK, KPRO in **WOC-2012** and **APAO-Busan** 2012
- 16) Invited speaker in Cornea Day on “EBMD, SND and Pterygia in Cataract Surgery”, ASCRS-2012, **Chicago, USA**
- 17) Invited Guest Speaker on Boston KPro, DSEK and HCRP in Asia Cornea Society held in **Manila** in Nov 2012.
- 18) Invited Guest Speaker on HCRP in APAO-2013 in **Hyderabad, India** Jan 2013.
- 19) Invited speaker in Cornea Day on “DSEK in developing world- Obstacles and Outcomes”, ASCRS-2013, **San Francisco, USA**
- 20) Invited Guest Speaker on Boston KPro, and HCRP in WOC-APAO 2014 in **Japan.**
- 21) Invited as a Member Faculty for “Delphi Panel” Keratoconus Global consciousness on management in **Chicago 2014**
- 22) Invited Guest Speaker on DSEK and HCRP in Asia Cornea Society meeting held in **Taipei in Dec 2014.**
- 23) Invited Chairperson for Global Alliance of Eye Bank Associations, in San Deigo, April, 2015
- 24) Invited Faculty in First international SJS Meeting in **Kyoto, Japan 2016**

- 25) Invited Faculty in **APAO-2016, WOC 2016, Asia Cornea Society meetings**
- 26) Invited Faculty in Live Surgical Workshop on Lamellar Keratoplasty in **Bangladesh, Bangkok and Vietnam.**
- 27) Invited Faculty in **“Flying Eye Hospital Program” by ORBIS** in Philippines
- 28) Invited Faculty in WOC-2018 in **Barcelona**
- 29) Invited Faculty in Asia Cornea Society in **Qingdao 2018**
- 30) Invited Faculty in **SICSSO Congress in Italy 2018.**

9. Awards in State, Zonal, National and International Level:

- 1) **Dr. K.P. Roy Award** – for Best free paper in Ophthalmological Society of West Bengal Annual Conference, 1995.
- 2) **Best Video film Award** – in Ophthalmological Society of West Bengal Conference, 1999.
- 3) **Best Video film Award** – in Eastern India Zonal Ophthalmic Conference, 2000.
- 4) **C. S. Reshmi Gold Medal Award** - at 58th All India Ophthalmic Congress for Best Video Film at Chennai, in 2000., Also in 2008
- 5) **Col. V. Rangchari Gold Medal Award** - at 59th All India Ophthalmic Congress for Best Paper at Calcutta, in 2001.; Also in AIOC - 2005
- 6) **E.T. Selvam Gold Medal Award** - at 60th All India Ophthalmic Congress for Best Poster at Ahmedabad in 2002. Also in AIOC-2005.
- 7) **Dr. B. K. Mitra Award** - for Best Free Paper in Ophthalmological Society of West Bengal Annual Conference, 2004.
- 8) **Satya Rani Hazra Award** – for Best work done in Community Ophthalmology, Ophthalmological Society of West Bengal Annual Conference, 2004.
- 9) **Santé Vision Gold Medal Award** - at 63rd All India Ophthalmic Congress for Best work done in Cataract at Bhubaneswar in 2005.
- 10) **Dr. Sandeep Wagh Award Oration** – at Pune Ophthalmological Society Meeting 2007.
- 11) **Gold Medal Award** – from Bombay Ophthalmological Association, 2008
- 12) **Best Video Award, in ESCRS, Stockholm, Sweden, Sept 2007** in Special cases category.
- 13) **Dr. S P Hardia Gold Medal Award** - for Best Free Paper in Refractive Surgery in 66th All India Ophthalmological Congress, 2008 in Bangalore.
- 14) **Best Video Award in General Category** in 66th All India Ophthalmic Congress, 2008 in Bangalore.

- 15) **Best Video Award, in ESCRS, Berlin, Germany, Sept 2008** in scientific category.
- 16) **‘Best of Show’ Video Award in – AAO Annual Conference - Atlanta 2008**
- 17) **“Achievement Award” from American Academy of Ophthalmology for significant contribution in Ophthalmology – AAO Atlanta 2008**
- 18) **International Ophthalmic Education Award in AAO Annual Conference - Atlanta 2008**
- 19) **Dr. Rustom Ranji Gold Medal Oration – Andhra Pradesh Ophthalmic Society -2009**
- 20) **Dr. A K Pandeya Gold Medal Oration in Bihar Ophthalmological Society -2009**
- 21) **‘Best of Show’ Video Award in – AAO Annual Conference – San Francisco 2009**
- 22) **Best Poster Award in - AAO Annual Conference– San Francisco 2009**
- 23) **Best Poster Award in - AAO Annual Conference– San Francisco 2009**
- 24) **Best Paper AIOS-Award in Cornea in – Complications of DSEK in first 200 cases reported by a single surgeon - All India Ophthalmological Conference, Kolkata, 2010**
- 25) **Best of Show (Top Ten) video Award -- AIOC, Kolkata, 2010**
- 26) **R C Meher Oration: EIZOC at Bhubaneswar, 2010**
- 27) **Best Video Award (Top 14) in AIOC, Ahmedabad, 2011**
- 28) **Achievement Award: APAO in Sydney 2011**
- 29) **Prof LP Agarwal Oration, at RP Centre for Ophthalmology, AIIMS, New Delhi - in 2011**
- 30) **‘Best of show’ Video Award in AAO 2011 in Orlando**
- 31) **First Prize and Special mention prize in Ophthalmic Photography (by OPS, USA) AAO 2011 in Orlando**
- 32) **Best of Show (Top 15) video Award -- AIOC, Kochi, 2012**
- 33) **RP Dhanda Gold Medal Award in AIOS 2012 for Best work in Cornea Grafting**
- 34) **People’s Choice Award for the Best Video selected by delegate in ASCRS-2012 Chicago**
- 35) **Special prize in Ophthalmic Photography (by OPS, USA) in ASCRS 2012 in Chicago**
- 36) **YO Star Award for one of the TOP 10 ICs in AAO 2012 in Chicago**
- 37) **Best Poster award in AAO 2013 in New Orleans**
- 38) **Best of show (top 15 video) in AIOC 2014 in Agra.**
- 39) **Best Free paper in Cornea in AIOC 2014, Agra**
- 40) **S N Mishra Memorial Oration – Darbhanga Medical college, Bihar**
- 41) **Gold Medal award from Uttarakhand Ophthalmological Society for Best Academics**
- 42) **Best of show (top 14 video) in AIOC 2015 in New Delhi**
- 43) **Best Free Paper in Inflammation # AIOC 2015 in New Delhi**
- 44) **Sr Achievement Award @AAO 2015**

45) Best Free Paper in Glaucoma @AIOC 2016 in Kolkata

46) Best of Show Award in @AAO 2017

10. Live Surgical Workshops:

Participated in many Live Surgical Demonstration Workshops on Phaco and Non-Phaco Cataract Surgery in West Bengal, Bihar, Assam, Jharkhand, Orissa, UP, Maharashtra, Gujarat, New Delhi as well as in Bangladesh and Kathmandu, Nepal

Demonstrated first live sub 2.0 mm (1.8 mm) micro co-axial phaco surgery with Stelaris (B & L) in Croatia in May, 2008

Live Surgical Workshop on DSEK and DALK in West Bengal, Assam, Gujarat, Mumbai, Kolkata, UP, Kathmandu, Vietnam, Bangkok; and Boston KPRO in Kolkata, Mumbai and Bangladesh

Actively involved in Live surgery workshop on “DSEK & DMEK” Skill Transfer Course” in India and Abroad as a part of Worldwide Cornea Surgery Skill Transfer Program by SightLife and Visionaries International.

Organizing Wet lab Course in DSEK in APAO-AIOS-2013, Hyderabad; Keracon 2013-2017.

DMEK Live Surgery and Wet Lab in AIIMS, New Delhi in 2017-19 and Wet Lab in Keracon 2017.

11. Surgical Performances:

Cataract Surgery = >65,000 [Manual SICS (10%) Phaco (90%)]

Corneal Transplantation = >3000 [PK: 1200 +, ALK: 80, DALK:250, DSEK: 1400+ ; DMEK – 800+ Boston KPRO: 99 and AuroKpro - 41; Boston Type 2: 3] (Triple procedure: 750)

Glaucoma surgery = 320 ; **Ahmed glaucoma Valve** - 51

Pterygium = CLAU, CLAL (Lr), etc. > 500

DCT, DCR, Anterior Segment Trauma, AMT, Miscellaneous Surgeries = > 1500

Limbal Stem Cell Transplantation by special Technique (**SLET**) (*in vivo* expansion technique) in 360-degree LSCD - started from August 2012.

Started **Tenoplasty** for Extreme Chemical burns in 2012

12. Principal Surgeon: One of the expert Corneal Surgeons of the world for teaching Surgical Transfer Skills (CSCT) in Keratoplasty (DSEK) and Boston Keratoprosthesis in India, South East Asia, and other countries.

Voluntary Faculty – ORBIS International: Involved as a VF in ORBIS international to teach and train ophthalmologists on Phaco; advanced Phaco; Corneal surgery; and also on Eye Banking.

13. Principal Investigator

Involved as a Principal Investigator in National and International Drug/products Trial (FDA Phase, II, III/and Phase IV).

14. Visionaries international (v i): Working voluntarily across the globe to fight against Corneal Blindness. The goal of v i is to reduce the burden of corneal blindness in the developing world. Visit: <http://www.visionaries-international.org>

Updated: 01/05/2020

A handwritten signature in black ink, appearing to read "D. S. S.", is written over a horizontal line.