

DEPARTMENT OF OPHTHALMOLOGY

1. Introduction update HOD list - Dr.Narendra.P.Datti, Professor & HOD

Department of Ophthalmology came into existence in Sri Devaraj Urs Medical College, in 1989, as a part of undergraduate curriculum. Dr.G.Madava Rao, Professor of Ophthalmology, as the first Head of the department, has been responsible for the development of curriculum and clinical services right from its inception .Subsequently Prof. Shamsundar and Prof. D.Krishnamurthy, contributed significantly in framing the objectives and directions for the improvement. Prof. Narendra.P.Datti, played a key role in the development of PG Programme and now he is Head of the department.

Sl. No.	HOD's Name	From	To
1	Dr.G.Madava Rao	16-08-1989	01-08-1995
2	Dr.Shamsundar	05-10-1995	16-12-1997
3	D.Krishnamurthy	17-12-1997	31-10-2009
4	Dr.Narendra.P.Datti	01-11-2009	31-10-2010
5	D.Krishnamurthy	01-11-2010	31-01-2012
6	Dr.K.Kanthamani	01-02-2012	31-05-2012
7	Dr.Narendra.P.Datti	01-06-2012	

2. **Programme offered** – MBBS – 5 years (150 Seats/year)
- M.S. (Ophthalmology): 3 years. (4 seats/year)
- Diploma in Ophthalmology: 2 years (2 seats/year)

3. **Facilities** -

Our department offers quality out-patient and in-patient services to patients through a team of dedicated specialised ophthalmologists. Our OPD works on all weekdays from 9 A.M. To 4 P.M. And emergency care is available round the clock. The OPD has all the necessary instruments like Autorefractometer, Keratometer, A-scan, slit lamp biomicroscopes etc. We have various sub-specialities like Cornea, Retina, Glaucoma, Squint etc. We have a dedicated eye bank which is actively involved in procuring eyeballs and involved in corneal transplantation surgeries. Department of Medical retina is well established with ultrasound B-scan, Fundus camera and Diode laser facility. YAG LASER is also available. Glaucoma clinic has latest Humphrey Field Analyser along with other necessary equipments.

Free cataract surgery eye camps are conducted weekly and free cataract surgeries at base hospital. Ophthalmic operation theatre has state of the art Carl-Zeiss microscopes

with Phacoemulsification instruments. Various type of both intra-ocular as well as extra-ocular surgical procedures are routinely performed.

Diabetic Retinopathy screening camps are conducted once a month, and the patients needing further evaluation and/or treatment are referred to the base hospital and treated free of cost.

4. Faculty – update as on 1st November 2012 including residents

Sl. No.	Name of the faculty	Designation
1	Dr.Narendra.P.Datti	Professor & HOD
2	Dr.K.Kanathamani	Professor & HOU
3	Dr.D.Krishnamurthy	Professor
4	Dr.B.S.Guruprasad	Assoc. Professor
5	Dr.Prashanth.K.	Asst. Professor
6	Dr.Bhavana.H.C.	Asst. Professor
7	Dr.Vishal Kakhandki	Asst. Professor
8	Dr.Venugopal.S.	Sr. Resident
9	Dr.H.R.Manjunath	Sr. Resident
10	Dr.Iffath Zia	Sr. Resident
11	Dr. Indranath Prasad	Jr. Resident
12	Dr. Joyita Guha	Jr. Resident
13	Dr.Amol Bansal	Jr. Resident
14	Dr.Neeraj Gupta	Jr. Resident
15	Dr.Manasa Korthiwada	Jr. Resident
16	Dr.Mithila.R.	Jr. Resident
17	Dr.Sangeetha.T.	Jr. Resident
18	Dr.Tanushree.V.	Jr. Resident
19	Dr.Mahajan Ashwini.R.	Jr. Resident
20	Dr.Rashmi.N.R.	Jr. Resident
21	Dr.Shalini	Jr. Resident
22	Dr.Subhratanu Chakrabarty	Jr. Resident
23	Dr.Jiya Annie George	Jr. Resident
24	Dr.Prarthana Karanth	Jr. Resident
25	Dr.Deepankar	Jr. Resident
26	Dr.Kunal Kishore	Jr. Resident

5. Publications – for the last 5 years (from January 2007 till date)

1. *Retinopathy of prematurity in a rural neonatal intensive care unit in south India- a prospective study*
 Name of author: Dr.Bhavana H C, Dr.Anand Vinekar, Dr.Narendra P Datti, Dr.Pushphalatha K, Dr.Sherin B, Dr.Susheela, Dr.Krishnamurthy D, Dr.Bhujang Shetty.
 Journal details: Indian Journal of Paeditrics, July 2012,79(7);911-5.
2. *Assessment of avoidable blindness using the RAAB methodology*
 Authors: Dr.B.S.Guruprasad, Dr.Narendra.P.Datti, Dr.B.G.Ranganath, Dr.B.R.Shamanna.
 Journal details: North American Journal of Medical Sciences, September 2012,vol 4,issue 9,p389-93.
3. *Methicillin Resistant Staphylococcus Aureus Orbital cellulitis in a 9 day old neonate: a case report* by Dr.Tanuja Abhilash, Dr.Prashanth Krishnappa, Dr.Joyita Guha, Dr.Tejal Jayaram, Dr.Krishnamurthy D.
 Journal details: International Journal of Current Scientific Research.2011;1(4):194-197
4. *Unilateral Proptosis: A presenting feature of fibrous dysplasia* by:
 Dr.Prashanth Krishnappa, Dr.Tanuja Abhilash, Dr.Amol Bansal, Dr.K.Kanthamani
 Journal details: International Journal of Current Scientific Research.2011;1(4):191-193
5. *Abnormal Vasculogenesis in Retinopathy of Prematurity: A clino-pathological study* by Dr.Prashanth Krishnappa, Dr.Bhavana.H.C, Dr.Shireen.R, Dr.Narendra.P.Datti.
 Journal details: Anatomica Karnataka, volume 6,(1)page12-15(2012)
6. *Evaluation of visual outcome in proliferative diabetic retinopathy after pan retinal photocoagulation* by Dr.Narendra.P.Datti, Dr.Tanuja Abhilash, Dr.Balachandra.
 Journal details: Journal of clinical & Biomedical sciences 2011; 1(3):98-104.
7. *Study of glutathione & ascorbic acid in cases of diabetic retinopathy* by Dr.Prabhavathi.K.,Dr.Ashakiran.S, Dr.Narendra.P.Datti, Dr.Krishnamurthy.N, Dr.Dayananda.C.D., Dr.Mamatha.K., Dr.Sumathi M.E. Journal of clinical & Biomedical sciences 2011; 1(1):13-19.
8. *Naevus of Ota with open angle glaucoma: A case report* by Dr.Tanuja Abhilash, Dr.K.Kanthamani. Journal of clinical & Biomedical sciences

6. Research – ongoing projects in hand and projects completed

Completed Projects -

Sl. No	Name of the investigators	Title of project
1	Dr.Narendra P Datti, Dr. B S Guruprasad	Analysis of undesired visual effects of Multi focal IOL's after phacoemulsification
2	Dr. B S Guruprasad, Dr.Narendra P Datti, Dr. B G Ranganath	Assessment of avoidable blindness using the RAAB methodology

	Dr B R Shamanna	
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Ongoing projects -

Sl No	Name of investigators	Title of project
1	Dr.K Kanthamani Dr. Prashanth Krishnappa Dr. B G Ranganath Dr. B R Shamanna Dr. G V S Murthy	Evaluation of visual acuity and quality of life after cataract surgery in kolar district
2	Dr. B G Ranganath Dr. Bhavana H C	Prevalence of ocular disorders in school going children of Kolar district

7. Highlights

The Postgraduate courses were started - M.S. Ophthalmology in 1997 and Diploma in Ophthalmology in 1999 . Presently the Department has recognition for intake of four (4) M.S. and two(2) Diploma candidates by the MCI.

The Department carries out many research activities both as a part of PG dissertation work and independent research projects. The department has been conducting many live workshops, CMEs to keep pace with the advance in knowledge and technology.

The Department of Ophthalmology has been associated with NPCB and Eye bank activities since its inception and carries outreach rural screening programmes and operative work in the base hospital.

Every week we are conducting free cataract surgery camps through out the year with prior intimation to the concerned primary health centres of Kolar and Chikkaballapur districts.

Diabetic Retinopathy camps, where in screening of diabetic patients for evidence of Retinopathy changes and the patients who need Fluroscein Angiography are brought to the department and the procedures including laser therapy are done free of cost.

Monthly once we are conducting School Health Programme in which School children are screened for Ocular disorders.

Weekly Retinopathy of Prematurity (ROP) screening at our hospital conducted regularly in collaboration with Narayana Nethralaya, Bangalore.

8. Conferences attended for the last 3 years

Sl. No.	Name of the staff	Conference attended
1	Dr.Narendra.P.Datti	70th All India Ophthalmic Conference held at Kochi
2	Dr.Narendra.P.Datti,	30 th Karnataka State Ophthalmic Conference, 2011 held at Bangalore
3	Dr.Kanthamani	
4	Dr.B.S.Guruprasad.	
5	Dr.Narendra.P.Datti	
6	Dr.B.S.Guruprasad	Bangalore Ophthalmic Society Summit
7	Dr.Prashanth.K.	69 th All India Ophthalmic Conference at Ahmedabad in March 2011,
8	Dr.Narendra.P.Datti	29 th Annual State ophthalmic conference at Udupi
9	Dr.K.Kanthamani	
10	Dr.Narendra.P.Datti,	28 th Annual State ophthalmic conference at Davangere
11	Dr.Kanthamani	
12	Dr.B.S.Guruprasad.	

9. Dissertation – completed and ongoing

Dissertation – completed

Sl. No	Name of the PG	Name of the title
1	Kalra,R	Study Of Rate Of Recurrence Of Pterygium After Different Modalities Of Treatment
2	Rajkumar,J	Clinical Study And Management Of Corneal Ulcer
3	Shetty,S	A Comparative Analysis Of Automated Refraction And Retinoscopy With Subjective Verification
4	Sathish KR	Study of the Secondary Glaucoma
5	Savithamma G	Clinical Study of Pterygium & its Management
6	Upadhyaya	Visual field Changes in Chronic Simple Glaucoma
7	Channaiah	The Study of blunt Injuries of the Eye
8	bellamkonda G	Ultra Sonic Evaluation of Orbital Disorders
9	Nanjundappa D	Incidence Aetiopathogenesis & Management of Lens Induced Glaucoma

Sl. No	Name of the PG	Name of the title
10	Rajesh P R	Surgical Correction on Prosis
11	Latha N V	Secondary Intraocular Lens a Clinical Study
12	Sultana N	Diagnosis & Management of Orbital Tumors
13	Dr.Deepinder Singh Sandhu	The Study of Operative Complications of Posterior Chamber Intracular Lenses
14	Kedar	A Clinical Study of Factors Corelated to the Computerised Visual Fields
15	Dr.Siddhartha	Comparative study of astigmatism in conventional ECCE and Manual Small Incision Cactract surgery
16	Dr.Prashanth.K	Study of safety and efficacy of Trabeculctomy in primary open angle glaucoma
17	Dr.Shalini	Study of visual efficacy with monofocal versul mastifocal intraocular lenses in cactract surgery
18	Dr.Mahabob Sheriff	A Clinical Study of Ocular Manifestations of Blunt Trauma of the Eye
19	Dr.Nishant Singh	Clinical study and laboratory diagnosis of fungal keratitis in kolar districs
20	Dr. Mohammed Atif	Comparative Study of Phacoemulsification and manual small incision cactract surgery
21	Dr.Sumanth Jeepalem	Study of Complications of Phacoemulsification
22	Dr.N.L.Vijayana rasimha	Clinical Study of Epiphora by Dacryocystography
23	Dr.Sandeep.B.Pa til	Comparative study of Flexible anterior chamber & scleral Fixated Posterior Chamber Lenses (LOST)
24	Dr.Tanuja Abhilash	Evaluation of Visual Outcome in Proliferative Diabetic Retinopathy After Panretinal Photocoagulation
25	Dr.John Kurian	Comparision of Subtenon's Anaesthesia with Feribulbar Anaesthesia in Manual Small Incision Cataract Surgery
26	Dr. Prathibha.S	Efficacy and Safety of Grid Photocoagulation in Diffuse Diabetic Macular Edema
27	Dr.Punit Kmar Singh	Prospective two years study of complications of manual small incision cataract surgery in eyes with pseudoexfoloation syndrome
28	Dr.Bhavana.H.C	Prospective study of retinopathy of prematurity in low birth weight and premature babies at Kolar
29	Dr.Shireen Rokadi	Correlation of Visual Field defects to optic disc damage in primary open angle glaucoma

Sl. No	Name of the PG	Name of the title
30	Dr.Tejal.S.J.	Comparison of Phaco-Nucleotomy techniques in Management of Pseudoexfoliation Syndrome
31	Dr.Neeraj Gupta	Evaluation of visual acuity and quality of life after cataract surgery in Kolar
32	Dr.Indranath Prasad	Comparative study of Grid Laser alone and grid laser with intravitreal triamcinolone acetonide in diabetic macular edema
33	Dr.Amol Bansal	Pattern of Uveitis in a rural tertiary eye care centre
34	Dr.Joyita Guha	Comparative study of topical subtenon's and peribulbar anaesthesia in Phacoemulsification

Dissertation – ongoing

Sl. No.	Name	Title	Status
1	Dr.Manasa Korthiwada	A Comparative study of Mitomycin-C Versus Conjunctival Autograft following prerygium excision	Ongoing
2	Dr.Mithila.R.	Study of Association between fundus changes and Foetal outcome in Pre-Eclampsia	Ongoing
3	Dr.Sangeetha.T.	Study of Visual Outcome and Complications of Scleral Fixated Posterior Chamber intraocular Lens Implantation	Ongoing
4	Dr.Tanushree.V.	Comparative Study of Clear Corneal Versus Scleral Tunnel Incision in Phacoemulsification	Ongoing

10. Any other: -

Signature of the Prof. & HOD