

5. SERVICES PROVIDED

- **Facilities in PICU**



- **Facilities in NICU**



Facilities in OPD

- **Child guidance clinic:**



- **Immunization clinic:** As per National Immunization schedule vaccination is given in the immunization clinic every day from Monday to Saturday.



6. SPECIAL CLINICS

The department runs the following Speciality Clinics

| S.N | Specialty clinic | Days |
|-----|------------------|---------------|
| 1 | Cardiology | Wednesday |
| 2 | Nephrology | Friday |
| 3 | Well baby clinic | All week days |

7. FACILITIES AVAILABLE

| S. N | NICU |
|------|--------------------|
| 1. | Radiant Warmers |
| 2. | Phototherapy Units |
| 3. | Incubators |
| 4. | Pulse Oxymeters |
| 5. | Syringe pumps |
| 6. | Infusion pumps |

| | |
|-------------|-------------------|
| 7. | Ventilators |
| 8. | Thermo pads |
| 9. | Bubble CPAP |
| PICU | |
| 10. | Ventilator s |
| 11. | Cardiac Monitors |
| 12. | Suction Apparatus |
| 13. | Syringe pumps |
| 14. | Infusion pumps |

8. RESEARCH PROJECTS

1. PG Dissertations (On-going)

| S.N | Topic | Student | Guide |
|-----|--|-------------------------|----------------------|
| 1. | Comparative study of IQ scores among scholastic backward children in Urban & Rural schools of Mangalore | Dr. Nagarathna Shenoy | Dr. Anitha Prabhu |
| 2. | Role of procalcitonin in the diagnosis of early onset Neonatal Sepsis | Dr. Fareedul Hassan. | Dr. Shamshad Khan |
| 3. | Comparison of the efficacy of cord blood T3, T4, TSH level with day 3 fresh blood sample as a screening method for congenital Hypothyroidism | Dr. Najeeba | Dr. Anitha Prabhu |
| 4. | Prevalence of short stature and under nutrition in 3-5 years rural Anganwadi children: comparison by WHO 2006, IAP and CDC growth charts | Dr. Ranish | Dr. Shyam Sudhir |
| 5. | Phototherapy induced hypocalcemia –A comparative study among Breastfed term and preterm neonates with Hyperbilirubinemia | Dr. Tawab | Dr. Prakash Saldanha |
| 6. | Study on Dermatological manifestations observed among Neonates | Dr. Ghaliyah Aziz Kutty | Dr. Anitha Prabhu |
| 7. | Clinical spectrum & cytogenetic analysis of down's syndrome children between the ages of 5 to 15 years | Dr. Shabnam Syed | Dr. Prakash Saldanha |
| 8. | Brain MRI findings and its clinical correlation in children with global Developmental delay | Dr. Jacob Kuruvilla | Dr. Shyam Sudhir |
| 9. | Mantoux test and its correlation to Erythrocyte sedimentation rate(ESR), Chest X-ray and acid fast bacilli (AFB) culture in cases of lower respiratory tract infection in age group of 6 months to 15years | Dr. Joel Baiju | Dr. Shamshad Khan |

2. PG Dissertations (completed)

| S.N | Topic | Student | Guide |
|-----|---|---------------------------|----------------------|
| 1. | Clinical study of malaria in children with special reference to morbidity and mortality' | Dr. Basheer | Dr. V. Radha |
| 2. | Study of nutritional status and disease pattern in admitted adolescent children' | Dr. Nijamuddeen | Dr. Vijayadeva L |
| 3. | Outcome of infants born through meconium stained amniotic fluid | Dr. Amrith athew | Dr. Radha |
| 4. | Study of intestinal helminths infections | Dr. Shaik Assif Ahamed | Dr. Anitha Prabhu |
| 5. | Study of Modifiable risk factors for acute lower respiratory tract infection in under five children | Dr. Sayed Ibrahim | Dr. Prakash Saldanha |
| 6. | Clinical outcome of neonates born by respiratory distress' | Dr. Jassim Mohammed V | Dr. Anitha Prabhu |
| 7. | Comparative study of health and nutritional status of rural and urban anganwadi children in Mangalore | Dr. Mirriam Z. Hussain | Dr. Prakash Saldanha |
| 8. | A comparative study on methods of nutritional assessment at birth' | Dr. Moideen Faheem | Dr. Prakash Saldanha |
| 9. | Clinical study of neonatal hyperbilirubinemia in babies born to O positive mothers' | Dr. Saril Mohammed | Dr. Prakash Saldanha |
| 10. | Clinical study of hypoglycemia in preterm and low birth weight neonates' | Dr. Mohammed Shafi | Dr. Anitha Prabhu |
| 11. | Prevalence Hypertension in school children | Dr. Shabna F | Dr. Shyam Sudhir |
| 12. | Study of Maternal risk factors for low birth weight babies and their early clinical outcome | Dr. Anil Narayanan | Dr. Prakash Saldanha |
| 13. | Estimation of zinc` levels in children with lower respiratory tract infections | Dr. Ansar Murtuza Hussain | Dr. Prakash Saldanha |
| 14. | Study of Electrolyte status in sick Neonates admitted to NICU | Dr. Shamim Amanull Khan | Dr. Shyam Sudhir |

3. Ph.D Thesis (On-going)

| S.N | Topic | Student | Guide/ Co Guide * |
|-----|---|-------------------------|-----------------------------|
| 1. | Effectiveness of multimodal preoperative preparation programme on the psycho physiological parameters of children undergoing surgery at selected hospital Mangalore | Mrs Priya Reshma Aranha | Dr. Prakash R.M. Saldanha - |
| 2. | Comparative study of thyroid hormones in | Mr Eric C lobo | Dr. Prakash R.M. |

| | | | |
|----|--|------------------------|---------------------------|
| | patients of sub clinical thyroid disease at sea level and high altitudes | | Saldanha * |
| 3. | A Study On Perceived self Efficacy, Attitude and practice related to treatment compliance among Adolescents with type 1 Diabets Mellitus before and after Nursing Intervention and Electronic Reminder | Ms Lizzie Deva Kirubai | Dr. Prakash R.M. Saldanha |
| 4. | Effectiveness of Infantile Stimulation on Motor and Neuro Behavioral Parameters Among Preterm And Low Birth Weight Neonates Admitted in Selected Hospitals at Mangalore. | Ms. Shilpa G.S. | Dr. Prakash R.M. Saldanha |

4. Student research projects (On-going): Seed grant funded by Yenepoya University

| S.N | Topic | Student | Guide |
|-----|--|--------------------------|---------------------------|
| 1. | A study to assess the effectiveness of video assisted pre operative preparation on the psycho-physiological parameters of children undergoing surgery in Medical college hospital” | Mrs. Priya Reshma Aranha | Dr. Prakash R.M. Saldanha |

9. PUBLICATIONS

2003

1. Saldanha P, Shenoy K V, Soans Santhosh, Rai B. Sanjeev, Glucose requirement in high risk Neonates. Journal of Perinatology, 2003;5(5) :219-223

2004

2. Khan Habib, Saldanha P, Femine, Rai Sanjeev, Ballal C.K. A case of Hydrocephalus due to Choroid Plexus Papilloma in rare association with Dandy Walker variant. Journal of IAP Karnataka, July-Dec 2004; 18(3&4):9-13
3. Misquith R, Saldanha P, Shenoy K.V, Rai B. Sanjeev. The use of Buffy coat smear for diagnosis of Neonatal septicaemia, Journal of IAP Karnataka, Jan-Mar 2004; 18(1):9-13

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4. Baliga B S, Raghuvveera K, Prabhu B.V , Shenoy R ,Rajeev. Scaling up of facility – based neonatal care –a district health system experience, Oxford Journal medicine & Journal Tropical Pediatrics, Apr 2007; 53(2):107-12.
5. Banakar MK. Case Report Benign neonatal blistering disorder, Journal of Neonatology, Oct- Dec 2007;21(4):277-278

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6. BanakarMK , Subbarayan A. Clinical Brief “A study of prolonged jaundice screen in healthy, term babies, Indian Journal of Clinical Biochemistry (IJCB),2008;23(3):286-289.

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7. Prabhu A., Vishwanath B, Macrodystrophia lipomatosa- a rare case of localised Gigantism, Journal of IAP Karnataka, Apr-June-2009;23(2):20-22.
8. Raghuvveera K,Kamath N . Iron status of Neonates born to Iron Deficient Anaemic mothers. Karnataka Pediatrics Journal,2009;23(4):109-113
9. BanakarMK, Kudlur NS, George S. Clinical Brief Fetal Alcohol Spectrum Disorder (FASD), The Indian Journal of Paediatrics (IJP), Nov 2009;76(11):1173-75

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10. Vishwanath B, Sudhir S, Escobar syndrome, Journal of Clinical and Diagnostic Research, (Serial online) Feb 2010;3:2147-48
11. Saldanha P, Prabhu A, Mohammed JV, Shetty Ashwini S, Shantharam M, Bhagya B.A familial case of Tuberous sclerosis, Journal of Advanced Researches in Biological Sciences, Apr 2010;(Special issue):53-55
12. Bappal A, Sudhir S, Rathnakar UP,Udupa A L, Prakash S. Conservative management of congenital Dacrocystocele, Journal of clinical & diagnostic research,(Serial online) 15 June-2010; 4:2531-32
13. Saldanha P, B. Vishwanath, Ibrahim S. Study of Modifiable risk factors for Acute Lower Respiratory Tract Infections in under five Children, Karnataka paediatric Journal, 4 Jul- Dec 2010;24(3&4):81-85
14. Bankar MK, Formosa M. Serum Thyroid Function Tests in Babies of Mothers with Thyroid Disease, The Indian Journal of Paediatrics (IJP), 2010 Jul;78(7):870-73.
15. Prasad RM, Alias J, Raghuvveera K. Effect of backpack weight on postural angles in preadolescent children. Indian pediatrics Journal.2010;47(7):575-80.
16. Shyamala KV., Subbalakshmi N.K , Raghuvveera K.. Role of platelet count and CRP levels in gram negative versus gram positive bacterial sepsis in low birth weight neonate.Journal of Chinese clinical medicine. 2010; 5(8):474-79.

2011

17. Ravichandra G, Faheem M, B Raghavendra, Acharya D, Rahman H, Reshad M. Para-Esophageal Hernia Presenting With Severe Anaemia and Pneumonia. Karnataka Paediatric Journal, 4 Jul-Dec 2011;25(3):99-103

2012

18. Sahana K.S, Rajeev D. Camphor poisoning, Indian Paediatrics, 16 Oct 2012; 49:841 - 42
19. Shyamala K.V, Ravichandra V, Subbalakshmi N.K, Pai R.S, Raghuvveera K. Iron status indicators of neonates of mild to moderate anaemic mothers, RJPT,2012;5(2):203-06

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20. Sujatha R, Silvia CR WD, Moammed H, Sahana KS. Paediatric hypocalcaemia- an insight, International Journal of clinical & pharmaceutical research, June 2013;6 (2):167-76
21. Sahana K.S, Sunil BV. Empyema in a child with Nephrotic syndrome, International Journal of Medical & applied sciences,2013;2(4):63-66

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22. Sahana KS, Clinical profile of Nephrotic syndrome in children Journal of evaluating of Medical & dental sciences, 27 Jan 2014; 3(4):863-70
23. Sahana K.S. Comparison of APGAR Scores in Neonates: Spinal V/S General Anaesthesia for elective caesarean section, Journal of evaluating of Medical & dental sciences,20 Jan 2014; 3(3):539-44
24. Hussain A.M, Saldanha P, Khan.S A. Correlation of clinical & radiological findings in the children with lower respiratory tract infections, Karnataka Paediatric Journal, 1 Jan-Mar 2014;29(1):25-30
25. Khan A S, Sudhir S, Faheem M. Serum creatinine monitoring in birth Asphyxiated Newborns, Karnataka Paediatric Journal,1 Jan-Mar 2014; 29(1)31-35
26. Narayanan A, Saldanha P, Mithun HK. Study of correlation of low birth weight with selected anthropometric variables Karnataka Paediatric Journal, 1 Jan-Mar 2014; 29(1):17-22
27. Shreekrishna G N, Bhat Sinchana, Basavaraj. Prevalence of obesity in school going children between 11 to 16yrs of age and Comparison of Blood Pressure in Obese and Non Obese Children, International Journal of Pharmaceutical, Biological and Chemical Sciences (IJPBCS),Jan-Mar 2014;3(1):25-33

28. Sahana K.S, Sujatha R. Clinical profile of Dengue Among Children According to Revised WHO Classification: Analysis of a 2012 outbreak from Southern India, Indian Journal of Paediatrics (On line first article, e-pub), June 2014
29. Faheem, Saifudeen AA, Prakash, Comparative study of CANSCORE with Anthropometry in the Assessment of Fetal Malnutrition, International Journal of Medical & Health Sciences, July 2014;3(3):184-189.-
30. Nagarathna, Anitha S, Socioeconomic Status Among Scholastic Backward Children, Karnataka Paediatric Journal, April-June 2014;29(2):45-48.

10. CONFERENCES/CME

1. Neonatal Resuscitation Workshop (NALS) on 24th Feb 2008
2. CME On Breast Feeding on 7th August 2008



3. State Level Golden Hour Emergency Management (GEMS), workshop on 30th & 31st of October 2009



4. PEDIYEN” , District level CME On Common Paediatric Surgical Problem on 6th June 2010



5. State level Workshop On Asthma Training Module (ATM) on 27th June 2010

6. Symposium On Breast Feeding on 1st Aug 2011, as a part of Breast feeding week



7. Preconference Workshop On Vascular Access as a part of National Paediatric Critical Care Conference on 16th November 2012 (NCPCC)



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8. District level CME on Updates in Paediatric Practice for MBBS Doctors (Govt. & Private practitioners) on 8th June 2014



9. Basic newborn care and Resuscitation Training Workshop (BNRP) Preconference Workshop - KARNEOCON-2014 17th Karnataka state Neonatology conference on 9th & 10th Oct 2014



10. World ORS Day week – 29th July –Every year



11. World Breast feeding week – 1st to 7th August – Every Year



12. Breast feeding week Rally: - A rally was conducted by the Department promoting breastfeeding awareness. on 03.08.2011



13. **Health Education-** Health education programmes were conducted in the rural health centre for breast feeding technique & importance of breast feeding for mothers



14. Health Education- Health education programmes was conducted for non teaching staff



15. Quiz regarding breast feeding was conducted for nursing mothers



16. Children's day celebration – 14th November – Every year



17. Pulse Polio immunization Programme-Dec & January every Year



18. Annual UG & PG Quiz college level rounds by Indian Academy of Paediatrics conducted in the month August



- U.G students 2008 Regular batch won the 2nd place in the Zonal level 26th IAP Paediatric U.G Quiz on 24.08.2013 at Justice KS Hegde Hospital, Deralakatte, Mangalore



Smitha S.



Yashavanthi K.P

EXTENSION ACTIVITIES

The Department of Paediatrics actively participates in the following community extension activities

1. Peripheral centers

| | Specialty clinic | Days |
|---|---------------------------------|-----------------------|
| 1 | Kotepura sub centre | Saturday |
| 2 | Nirmala, Rural Hospital , Ullal | Wednesdays & Saturday |
| 3 | Harekala, Rural Health centre | Thursday |

2. Orphanages – Monthly Health visits

- Stella Marys Orphanage, Kotekar
- Aloysian Boys Home, Someshwar
- Infant Jesus ,Mary Hill, Konchady
- St. Angela Home, Bejai

3. Rural Health Camps



4. Endosulfan camp



5. Anemia screening camp for school children during YEN-HEALTH WEEK from 1st to 7th April 2014



7. Anganwady health visits for Malnourished children Under “Yen-Child” health card



8. School health screening

- a. The Yenepoya School, Jappinamogaru
- b. Kendriya vidyalaya, Ekkur
- c. Little flower school, Kinnigoly
- d. Lourdes Central School, Bejai
- e. Peace public school
- f. Morarji Desai Residential School, Deralakatte

