



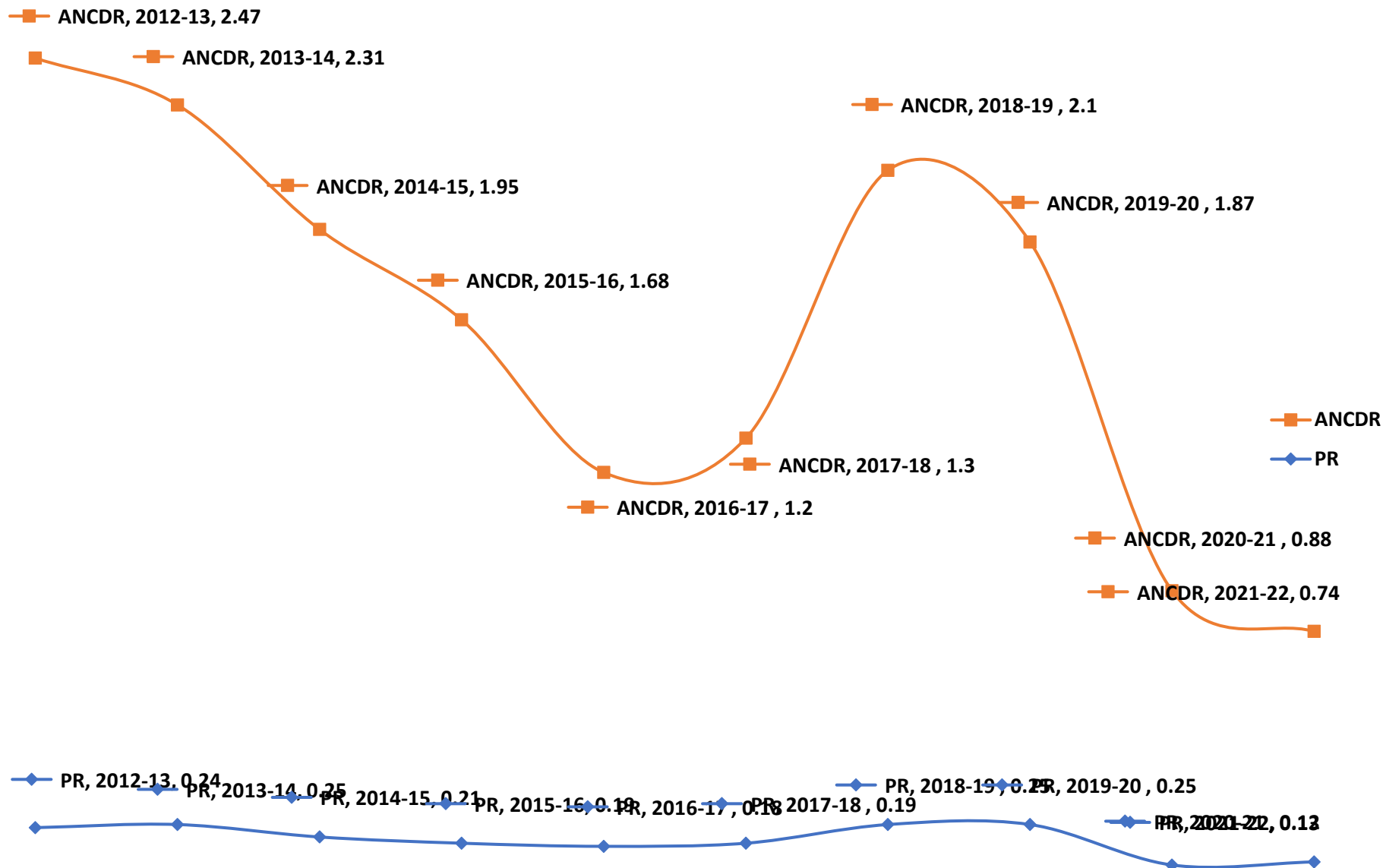
# Department of Health and Family welfare, Government of Kerala

State strategy plan for Eradication of Leprosy by 2025



**STATE LEPROSY UNIT ,DIRECTORATE OF HEALTH SERVICES ,THIRUVANANTHAPURUM**

# Trend of ANCDR & PR in last 10 years



# Achievements of State in various indicators of Leprosy Elimination

<b>Indicators</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22 (Till December)</b>
<b>New cases detected</b>	<b>496</b>	<b>520</b>	<b>705</b>	<b>675</b>	<b>311</b>	<b>264</b>
<b>ANCDR</b>	<b>1.2</b>	<b>1.3</b>	<b>2.1</b>	<b>1.87</b>	<b>0.88</b>	<b>0.13</b>
<b>Prevalence Rate</b>	<b>0.18</b>	<b>0.19</b>	<b>0.25</b>	<b>0.25</b>	<b>0.12</b>	<b>0.74</b>
<b>Child Cases/million population</b>	<b>1.014</b>	<b>1.38</b>	<b>1.69</b>	<b>1.46</b>	<b>0.25</b>	<b>0.37</b>
<b>Grade II disability Cases/million population</b>	<b>1.83</b>	<b>1.408</b>	<b>1.408</b>	<b>1.46</b>	<b>0.67</b>	<b>0.42</b>
<b>Grade II disability among new child cases</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>RCS conducted for disability correction</b>	<b>23</b>	<b>18</b>	<b>11</b>	<b>21</b>	<b>9</b>	<b>10</b>

# SDG Targets and District wise achievements under NLEP

<b>SDG TARGET</b>	<b>Reduce the PR from 0.2/10000 to &lt;0.1</b>	<b>Reduce Child cases of leprosy from 1.17/million to &lt; 0.6/million.</b>	<b>Grade 2 deformity from 1.2/million to &lt; 1/million</b>	<b>Rate of child case with zero disability to be sustained</b>
<b>TVM</b>	<b>0.23</b>	<b>0.58</b>	<b>1.44</b>	<b>0</b>
<b>PLKD</b>	<b>0.23</b>	<b>0</b>	<b>1.02</b>	<b>0</b>
<b>KSGD</b>	<b>0.11</b>	<b>1.28</b>	<b>0.64</b>	<b>0</b>
<b>KNR</b>	<b>0.11</b>	<b>0</b>	<b>0.75</b>	<b>0</b>
<b>KKD</b>	<b>0.19</b>	<b>0.31</b>	<b>0.31</b>	<b>0</b>
<b>TSR</b>	<b>0.11</b>	<b>0.61</b>	<b>0</b>	<b>0</b>
<b>ALP</b>	<b>0.07</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MLP</b>	<b>0.14</b>	<b>0.46</b>	<b>0.23</b>	<b>0</b>
<b>EKM</b>	<b>0.1</b>	<b>0.29</b>	<b>0.58</b>	<b>0</b>
<b>IDK</b>	<b>0.07</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>KLM</b>	<b>0.05</b>	<b>0</b>	<b>0.36</b>	<b>0</b>
<b>PTA</b>	<b>0.06</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>KTM</b>	<b>0.05</b>	<b>0.48</b>	<b>0</b>	<b>0</b>
<b>WYND</b>	<b>0.11</b>	<b>1.17</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>	<b>0.13</b>	<b>0.34</b>	<b>0.43</b>	<b>0</b>

# Focus

✓ Early case detection

✓ Contact surveillance

✓ Child leprosy

✓ Visible deformity

✓ Urban Leprosy

✓ Capacity Building

✓ Quality of services

✓ Disability Prevention

✓ Case detection in under served area

# National Leprosy Eradication Programme

Vision- Leprosy free Kerala by 2025

## OBJECTIVES

To reduce prevalence rate  $<1/10,000$  at district level

Grade 2 disability rate among new cases to be Zero

Grade 2 Disability cases per million population to be at Zero

Zero Stigma & discrimination

Zero disability cases to be Zero in new paediatric cases

Leprosy is one of the oldest disease of mankind, it is chronic infectious disease, if not treated timely, leads to deformity and disabilities

Kerala has achieved leprosy elimination at State Level in 2005  
( PR $<1/10000$  Population)

In the year 2020 -21 , 311 new cases were detected , while 419 were under treatment at the end of 2021 March 31

During the current year 190 new cases were detected while 431 cases are under treatment

# STRATEGIES

Active Case Detection and  
Regular Surveillance

Household Contact Survey of  
early detection of cases

Timely referral and  
complete treatment

Treatment

Post treatment  
surveillance

Early case detection

ELSA ( Eradication of Leprosy  
Through Self Reporting  
Awarenes)

Stigma reduction by IEC

SPARSH

Convergence of leprosy  
screening under RBSK,RKSK and  
under Ayushman Bharath

Training &capacity  
building

Community Awareness

DPMR  
Disability Prevention and  
Medical Rehabilitation

# Initiatives under NLEP

Active Case Detection and Regular Surveillance in rural and urban areas.

Eradication of Leprosy through self Awareness (ELSA) by effectively utilizing information technology in Leprosy Eradication for Awareness and Case detection

Leprosy screening integrated with RBSK and RKSK for screening of children (0-18 years) under Balamithra

Contact survey of positive cases

DPMR(Disability prevention and Medical Rehabilitation): Reaction management, provision of Microcellular Rubber (MCR) footwear, Aids & Appliances, self-care kits etc.

RCS(Reconstructive surgery)- conducted at St John's Health Services Pirappancode, accredited NGO and welfare allowance @ Rs 8000 is paid to each patients undergoing RCS.

IEC

Trainings

SPARSH LEPROSY AWARENESS CAMPAIGN



### Action Plan for Eradication of Leprosy

Sl. No	Strategy	Period	Parameters for starting next phase	Districts covered	Expected Outcome
1	<ul style="list-style-type: none"> <li>• 2 rounds LCDC in the entire State</li> <li>• Intensive IEC activities</li> <li>• School &amp; Anganwadi survey</li> <li>• DPMR activity</li> </ul>	Completed by 2019-20	District wise PR <0.1 G2D percentage < 2 G2D rate < 1/million.	All 14 districts	<ul style="list-style-type: none"> <li>➤ Detect all new cases in the community &amp; start treatment.</li> <li>➤ Follow up of cases on treatment.</li> <li>➤ Default retrieval.</li> <li>➤ Re assess the PR of the district &amp; identify blocks having PR&gt;0.1</li> <li>➤ G2D percentage more than 2</li> <li>➤ G2D rate more than 1/million.</li> </ul>
2	<ul style="list-style-type: none"> <li>• 1 round ACD&amp; RS in the entire State</li> <li>• Intensive IEC activities</li> <li>• School &amp; Anganwadi survey</li> <li>• DPMR activity</li> </ul>	Completed by 2020-21	District wise PR <0.1 G2D percentage < 2 G2D rate < 1/million.	All 14 districts	<ul style="list-style-type: none"> <li>➤ Detect all new cases in the community &amp; start treatment.</li> <li>➤ Follow up of cases on treatment.</li> <li>➤ Default retrieval.</li> <li>➤ Re assess the PR of the district &amp; identify blocks having PR&gt;0.1</li> <li>➤ G2D percentage more than 2</li> <li>➤ G2D rate more than 1/million.</li> </ul>
3	<ul style="list-style-type: none"> <li>• One round ACD&amp; RS in the entire State</li> <li>• Intensive IEC activities</li> <li>• School &amp; Anganwadi survey</li> <li>• DPMR activity</li> </ul>	Completed by 2021-22	District wise PR <0.1 G2D percentage < 2 G2D rate < 1/million.	All 14 districts	<ul style="list-style-type: none"> <li>➤ Detect all new cases in the community &amp; start treatment.</li> <li>➤ Follow up of cases on treatment.</li> <li>➤ Default retrieval.</li> <li>➤ Re assess the PR of the district &amp; identify blocks having PR&gt;0.1</li> <li>➤ G2D percentage more than 2</li> <li>➤ G2D rate more than 1/million.</li> </ul>

### Action Plan for Eradication of Leprosy

Sl. No	Strategy	Period	Parameters for starting next phase	Districts covered	Expected Outcome
4	<ul style="list-style-type: none"> <li>• One round ACD&amp; RS in the entire State</li> <li>• Intensive IEC activities</li> <li>• School &amp; Anganwadi survey</li> <li>• DPMR activity</li> </ul>	Completed by 2022-23	District wise PR <0.1 G2D percentage < 2 G2D rate < 1/million.	All 14 districts	<ul style="list-style-type: none"> <li>➤ Detect all new cases in the community &amp; start treatment.</li> <li>➤ Follow up of cases on treatment.</li> <li>➤ Default retrieval.</li> <li>➤ Re assess the PR of the district &amp; identify blocks having PR&gt;0.1</li> <li>➤ G2D percentage more than 2</li> <li>➤ G2D rate more than 1/million.</li> </ul>
5	<ul style="list-style-type: none"> <li>• 1 round ACD&amp; RS in identified Blocks &amp; Urban Wards</li> <li>• Intensive IEC activities</li> <li>• School &amp; Anganwadi survey</li> <li>• DPMR activity</li> </ul>	2023-24	Block level PR <0.1 G2D percentage < 2 G2D rate < 1/million.	All 14 districts	<ul style="list-style-type: none"> <li>➤ Give MDT to all the detected cases. Re assessing the PR of block and identify Panchayath &amp; Urban Wards having PR &gt; 0.1</li> <li>➤ G2D percentage more than 2</li> <li>➤ G2D rate more than 1/million.</li> </ul>
6	<ul style="list-style-type: none"> <li>• 1 round ACD&amp; RS in identified Panchayaths, Urban pockets</li> <li>• Intensive IEC activities</li> <li>• School &amp; Anganwadi survey</li> <li>• DPMR activity</li> </ul>	2024-25	Panchayath level PR <0.1 G2D percentage < 2 G2D rate < 1/million.	All 14 districts	<ul style="list-style-type: none"> <li>➤ Give MDT to all the detected cases Re assess the PR of Panchayath &amp; identify any Urban pockets having prevalence &gt; 0.1</li> <li>➤ G2D percentage more than 2</li> <li>➤ G2D rate more than 1/million</li> </ul>
7	<ul style="list-style-type: none"> <li>• Contact survey</li> <li>• Intensive IEC activities</li> <li>• School &amp; Anganwadi survey</li> <li>• DPMR activity</li> </ul>	2025-26	Maintain the PR < 0.1 at all level and reduce G2D percentage < 2 G2D rate < 1/million	All 14 districts	<ul style="list-style-type: none"> <li>➤ List all the leprosy cases detected for 6 years and survey 300 houses around each case</li> </ul>



കുഷ്ഠരോഗ നിർമ്മാർജ്ജനത്തിന് നൂതന സാങ്കേതികവിദ്യയുടെ

**എൽസ**

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നിർവഹിച്ചു