



Colour Vision and Career Choice Counselling among School Children



Scope:

This project would aim at detecting school children with colour vision defect and counselling the children, parents and teachers for their career choice.

Need for the project:

School children undergo vision screening as part of the National Programme for control of Blindness. If children were found to have impairment in vision, spectacles are provided or referred for further diagnosis and management. But there are other problems like colour vision defects in children that need to be identified. Colour vision problems are found to affect 8% of male. Quite a few career choices refrain from selecting people with colour vision defects. When school children make a choice in selecting a group in their higher secondary, results of a colour vision test would help them decide a career that is not affected by their colour vision defect. As of now, we do not have any specific protocol to pick up people with colour vision defect in their younger age. In India, colour vision testing will be done only during the pre-employment process for various occupations. Picking up some with colour vision defect at this stage, will demotivate the individual. Therefore, ideal approach is to identify them in their school days and counsel their parents and teachers to pave way to select the right career.

To the best of our knowledge, this will be the first such initiative to identify children with colour vision defect at the community level and offer career counselling.

Beneficiaries:

Beneficiaries will be the students of the 200 schools located in Tamilnadu.

Sr. No	Activity	Desired Goal	Indicators you will use to Measure Outcome
1	Procurement of testing material-Ishihara Pseudo Isochromatic plates		10 numbers
2	Screening	To do colour vision screening for the school students	100000 children
3	Counselling	To educate and counsel the children, parents and teachers about the colour vision and career by Occupational Optometrist	All the children who have been detected to have Colour vision defect

Project cost:

Sl. No.	Head of Expense	Details	Amount (US \$)
1	Ishihara test chart (original)	US \$ 230 x 10	US \$ 2300
2	IEC material-Posters	4 numbers /school for 200 schools	US \$ 307
3	Reporting sheet (100000)		US \$ 154
4	Operational (Travel and food)	100 visits totally 2 schools per day (4 members) [Transport=US \$ 30/day, Food= US \$ 15; Total=US \$ 45]	US \$ 4615
	Total		US \$ 7376

Total cost of project = US \$ 7376

Time frame: 6 months

Tentative date of screening/ counselling June –November 2018

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For more information, please contact :

Mr. S.V. Acharya,

Sankara Nethralaya OM Trust Inc.

9710 Traville Gateway Drive No.392,

Rockville, MD 20850

(855) 4NETHRA - Toll Free

e-mail id: acharya@snomtrust.org