



MVP Samaj's

Smt. Vimlaben Khimji Tejookaya Arts, Science and Commerce College, Deolali Camp

HEALTH SERVICES (Blood Group and Hemoglobin Check-up of Girl students)

Goal:

- To check health problems of girl students related to blood
- To provide services to Community
- To keep students healthy and physically fit for day to day's work.

1. The Context:

The college is proud to have high number of girl students admitted to various UG/PG programs run by it. Most of these girl students have low socio-economic status, rural and illiterate family background. These girls are in the adolescence phase of life cycle which needs higher iron intake due to excessive bleeding during menstrual cycle. This is a major cause for anemia amongst them. Low dietary intake of iron, blood loss due to Hookworm infestation and Malaria are the other causes of iron deficiency. This can adversely influence their physical wellbeing and academic performance. Considering the above, the management of our college has adopted the policy of compulsory hemoglobin and blood group check-up. Our college is committed to fulfill its social responsibility by conducting such kind of activity.

2. The Practice:

This practice includes hemoglobin & blood group check-up of girl students followed by remedial measures. Estimation of hemoglobin and blood group of all girls' of First year UG/PG admitted in the college is done every year. The detail history of each student regarding menstrual problems & other health problems is taken. Proper medicines, tonics and De-worming tablets are given to all students. The college alumni, teaching and non-teaching staff of the college, doctors from Nasik city, philanthropic individuals and organizations from and around Nasik city, generously donate iron and nutritional supplement tablets and tonics for the students. Follow-up is taken of those girls whose

hemoglobin level was found to be below normal range. For improvement, problems are solved by counselling. Healthy eating habits are imbibed in students. Awareness against ill effects of junk food is also created.

3.Evidence of Success:

This practice has succeeded in developing awareness about anemia and its related illnesses. It has improved hemoglobin percentage in the anemic girl students. The girl students have been dewormed. The blood group of every girl student has been identified. It has helped to identify Rh–ve girls. Such girls are high risk future mothers so parent counselling is done to avoid complications during pregnancy and delivery. Importance of Anti-D injection is explained to them. Sanitary napkin vending machine has been installed to provide low cost & safe sanitary napkins to the girl students. The girl students have expressed their satisfaction about the practice. Overall effect of this practice is all round development, and excellent academic performance of girl students.

4. Problems Encountered and Resources Required:

Most of the girl students studying in the college have poor, rural and uneducated family background. Hence, initially, efforts have to be taken to create awareness about anaemia, Rh–ve factor of blood group. The college management has made haemoglobin check-up, blood group determination in free of cost. The practice requires the resources like sterile syringes with needles, surgical spirit, medicinal cotton, dietary iron and nutritional supplement tablets and tonics, weighing machine, height chart, distilled water and trained medical personnel.

M.V.P. SAMAJ'S
S.V.K.T. ARTS, SCIENCE AND COMMERCE COLLEGE, DEOLALICAMP

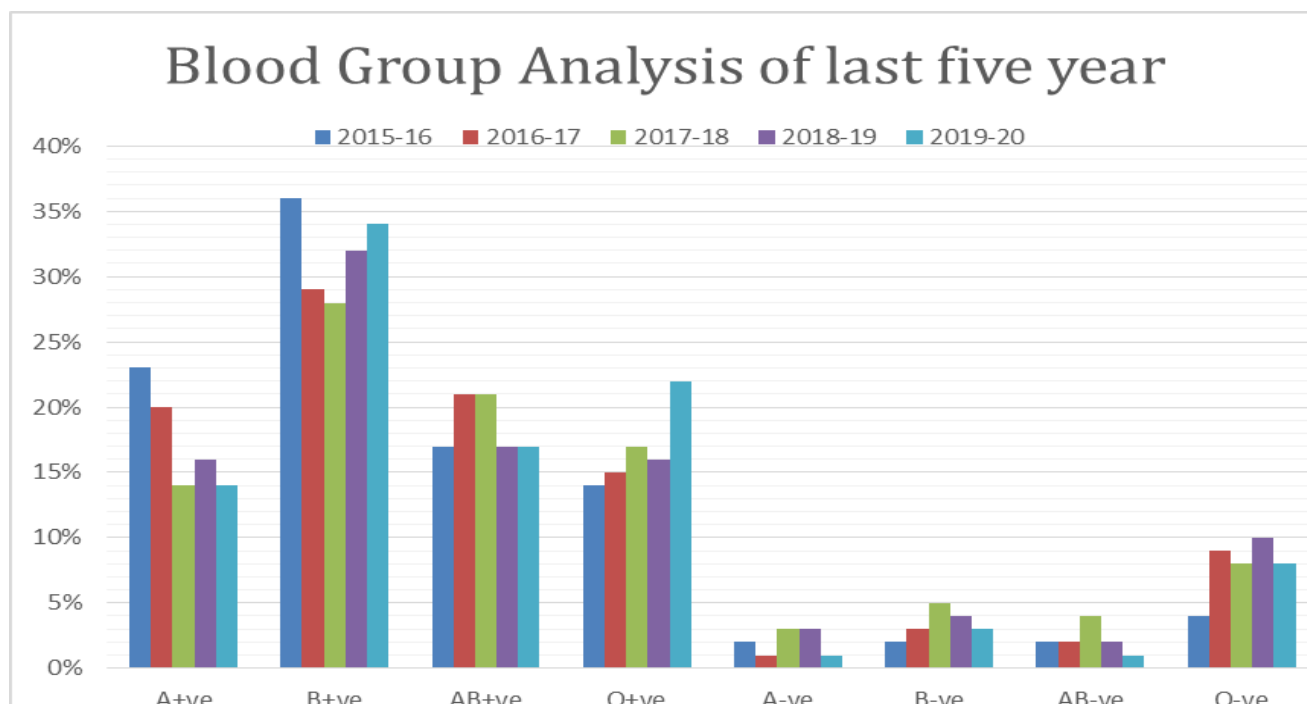
BEST PRACTICE

HEALTH SERVICES (Blood Group and Hemoglobin Checkup)

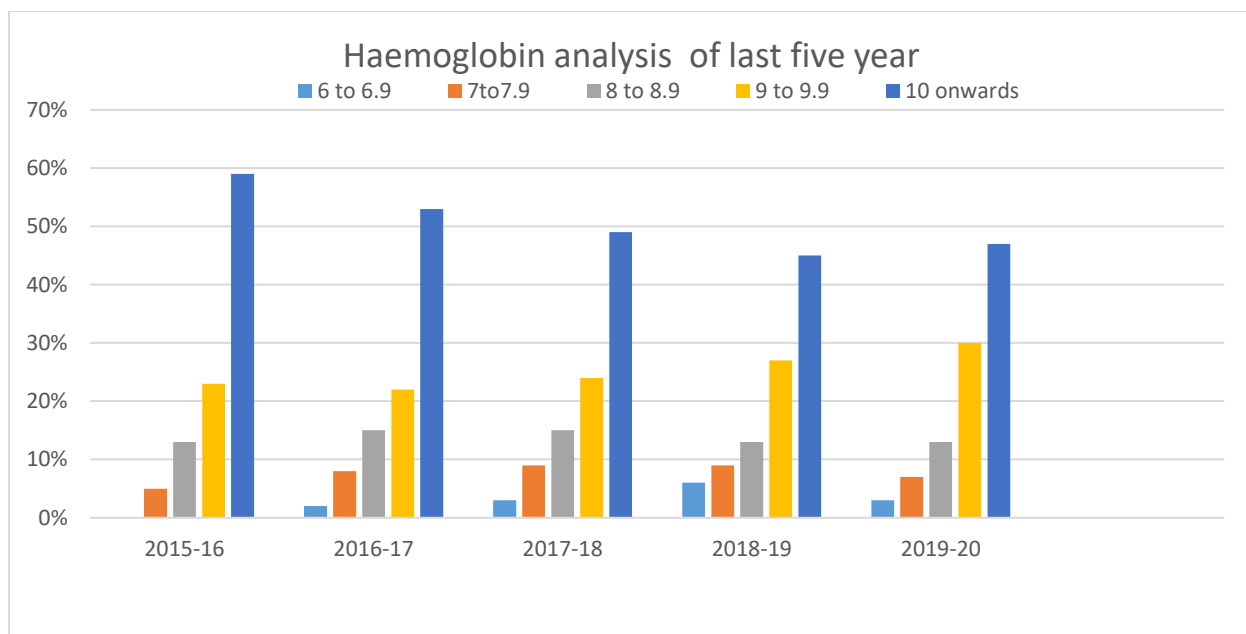
Blood group and hemoglobin checkup is a best practice of our college.

Under this activity blood group and hemoglobin of girls admitted to first year are checked in the beginning of academic year. Teachers and students from department of Microbiology are involved in this activity. Those girls whose blood hemoglobin is found below levels are suggested with a diet that can help in increasing their hemoglobin. Public health center of Zilha parishad, Nashik and Cantonment board Deolali camp provides free iron tablets that are distributed among girl's students.

Year	<u>Blood groups</u>								Total Number of Beneficiaries
	A+ve	B+ve	AB+ve	O+ve	A-ve	B-ve	AB-ve	O-ve	
2015-16	23%	36%	17%	14%	2%	2%	2%	4%	297
2016-17	20%	29%	21%	15%	1%	3%	2%	9%	320
2017-18	14%	28%	21%	17%	3%	5%	4%	8%	431
2018-19	16%	32%	17%	16%	3%	4%	2%	10%	354
2019-20	14%	34%	17%	22%	1%	3%	1%	8%	343



Year	Blood Hemoglobin					Total Number of Beneficiaries
	6 to 6.9	7to7.9	8 to 8.9	9 to 9.9	10 onwards	
2015-16	0%	5%	13%	23%	59%	297
2016-17	2%	8%	15%	22%	53%	320
2017-18	3%	9%	15%	24%	49%	431
2018-19	6%	9%	13%	27%	45%	354
2019-20	3%	7%	13%	30%	47%	343



Evidences of Success

- This practice has succeeded in developing awareness about anemia.
- It has helped in improving hemoglobin percentage in anemic girls.
- It has helped in identifying girls with Rh negative blood groups. These girls were counselled related to importance of Anti – D injections and consequences related to pregnancy.
- This practice has helped in creating awareness regarding natural diet that can help in maintaining hemoglobin at optimal levels.

Mr. Avinash Kale
Head of Department

Dr. V J Medhane
Principal

Note: Originals are signed by head of Department and Principal

Last five year Register of Hb and Blood group checkup

Class-F.Y.B.A.				
SR.No	Name of the student	Blood Grp	Hb(Before)	Hb(After)
1	Godse Ashwin Prabhakar	B+	10.2	11.5
2	Lakshya Madhusai Rajendra	B+	12.0	—
3	Bagul Abhishatkal Rajendra	B+	9.5	10.8
4	Yadav Sazika Vishnu	B+	13.0	—
5	Amikar Komal Dividas	B+	11.5	11.0
6	Dumale Roshama Vilas	B+	8.5	10.00
7	Jadhav Dhaya Rangamath	B+	12.00	—
8	Geor Komal Sudhakas	B+	11.8	—
9	Gite pallavi pandharinath	B+	12.0	12.5
10	Pagare Nikita Rajendra	B+	8.5	9.0
11	Pawar Jayashree Deepak	B+	10.5	11.5
12	Wadhwa Pooja Sanjay	B+	12.0	12.0
13	Salkar Nikita Ravindra	B+	13.0	—
14	Shinde Sonali Keshabji	B+	11.0	11.0
15	Waje Pallavi Balasheb	B+	12.5	—
16	Thube Sazika Ramdas	B+	13.0	—
17	Mazi Sazika Vishnu	B+	9.5	9.5
18	Tech Kavita Mahan	B+	10.5	11.5
19	Lavand Deepali Sanjay	B+	11.5	12.0
20	Kute Priyanka Ashok	B+	14.0	—
21	Shete Priyanka Dnyaneshwar	B+	11.0	11.5
22	Wagmare Nikita Balram	B+	8.5	10.5
23	Khandare Kirti Anil	B+	10.5	11.0
24	Sahane Raju Aharat	B+	12.5	11.0
25	Godse Swati Rajkumath	B+	9.5	11.0
26	Sakat Yogita Manoj	B+	8.5	9.0
27	Shelkar Mohini Rajendra	B+	12.0	—
28	Hazare Sanyta Anand	B+	11.8	—
29	Senone Deepali Bhauwar	B+	12	—
30	Jadhav Jayashree Shivaji	B+	12.5	—

Class-F.Y.B.A.				
SR.No	Name of the student	Blood Grp	Hb(Before)	Hb(After)
1	Yadav Bhageshwarichandrasant	B+	9.5	10.3
2	Jadhav Sanyta Deepak	B+	9.5	10.0
3	Ghuge Rutuja Shankar	B+	12.1	—
4	Kakad Kalyani Gomath	B+	12.5	—
5	Pansare Madhusai Somnath	B+	14.0	—
6	Adke Chaitali Somnath	B+	8.5	10.2
7	Chagawat Dipali Anil	B+	7.6	9.3
8	Pansare Vikasika Vishnu	B+	10.2	11.2
9	Chitte Bhongade Jayashree Kamal	B+	12.1	—
10	Gaikwad Swapnali Dhanashree	B+	12.5	—
11	Godse Archana Chandrasant	B+	13.1	—
12	Kedare Sanyta Dnyaneshwar	B+	11.5	—
13	Kedare Pratiksha Somnath	B+	11.0	—
14	Leno Maykal Balasheb	B+	9.7	10.8
15	Masare Vaishali Bihari Lal	B+	11.0	—
16	Pagare Pooja Bhikar	B+	11.8	—
17	Palle Manika Ramaji	B+	9.8	11.2
18	Rajkar Vaishali Bharat	B+	12.2	—
19	Rajale Pooja Deepak	B+	10.2	11.2
20	Raut Chandani Sanjay	B+	12.0	—
21	Shinde Komal Bhagawat	B+	13.2	—
22	Senawane Shital Parashram	B+	8.5	9.9
23	Takewade Mahima Rajesh	B+	11.2	—
24	Thube Mihir Vijay	B+	12.5	—
25	Teer Ashwini Eknath	B+	11.8	—
26	Waghchaur Archana Vishnu	B+	10.3	11.00
27	Zamkar Shital Ashok	B+	9.5	11.00
28	Bhaz Mukta Ashok	B+	11.2	—
29	Pansare Pooja Ashok	B+	12.1	—
30	Chavan Shital Mahendra	B+	13.2	—
31	Pansare Sanyta Vinod	B+	9.5	11.1

17-18				
SR.No	Name of the student	Blood Grp	Hb(Before)	Hb(After)
1	Adke Arti Datta	B+	10	11.5
2	Adke Kalyani Dip	B+	10.1	11.5
3	Adke Renuka Kanhan	B+	6.3	6.4
4	Adke Sonali Balasheb	B+	8.6	8.7
5	Baore Gauri Ajit	B+	7.8	7.9
6	Bhagawane Shubhangi Sudhir	B+	9.1	9.2
7	Bhavale Shivani Bhagwan	B+	9.8	9.8
8	Bhole Namrata Nivrutti	B+	10.7	—
9	Binnar Manoj Ramesh	B+	11.0	—
10	Birhade Sapana Chandrakant	B+	12.6	—
11	Borade Monika Krushna	B+	6.7	6.8
12	Borade Shweta Ramesh	B+	9.6	9.7
13	Chauhan Poonamkumari Anandji	B+	8.1	8.2
14	Chavan Poonam Dnyaneshwar	B+	8.8	9.0
15	Chavan Shivani Sham	B+	8.9	9.0
16	Dabhade Rajashree Dinkar	B+	9.6	9.7
17	Dalvi Soni Narayan	B+	9.7	9.7
18	Deshmukh Gitanjali Shankar	B+	10.6	—
19	Dhonde Manisha Dadasan	B+	11.2	—
20	Dhanrajani Bhagyashree N. A.	B+	7.6	7.7
21	Dhokare Pallavi Bhauasheb	B+	6.1	6.2
22	Gadhare Ujjwala Dnyaneshwar	B+	8.6	8.7
23	Gaikwad Bhakti Shankar	B+	9.8	9.9
24	Gaikwad Swati Dhanashree	B+	10.1	—
25	Gane Arti Komalji	B+	11.4	—
26	Gavali Varsha Sunil	B+	9.6	9.7
27	Gawhane Kalyani Madhuranig	B+	8.1	8.2
28	Ghandar Pooja Anil	B+	12.6	—
29	Godse Pkta Satish	B+	8.4	8.5
30	Godse Karita Sanjay	B+	7.4	7.5
31	Godse Priyanka Ratan	B+	7.6	7.7

SR.No	Name of student	Blood Grp	Hb(Before)	Hb(After)
1	Agarwal Shubhangi	B+	9.1	10.00
2	Harichandra	B+	11.00	—
3	Aher Asla Somnath	B+	14.0	—
4	Arhad Tejashree	B+	8.5	9.00
5	Bagul Jayashree	B+	9.2	10.5
6	Bagul Tejaswini	B+	12.0	—
7	Bhatnagar Priyanka	B+	11.5	—
8	Bhor Ujjwala	B+	9.0	9.3
9	Bhujbal Poonam	B+	14.0	—
10	Borade Akshada	B+	12.0	—
11	Gadhare Priyanka	B+	11.0	—
12	Gaikwad Kajal	B+	11.5	—
13	Gaikwad Sampreeti	B+	11.2	—
14	Gandhe Priya	B+	7.5	9.2
15	Ganjave Gauri	B+	8.5	9.3
16	Gawande Mohini	B+	11.0	—
17	Ghosh Archana	B+	12.0	—
18	Ghosh Roshani	B+	10.5	11.1
19	Godse Anuja	B+	10.3	11.1
20	Godse Harshada	B+	10.0	11.3
21	Gogawane Pradi	B+	12	—
22	Jadhav Karan	B+	11.00	—
23	Jagtap Diksha	B+	11.2	—
24	Jagtap Prajakta	B+	11.8	—
25	Karankar Pradi	B+	7.5	9.00
26	Kardile Rani	B+	8.5	9.2
27	Kasur Mandira	B+	10.1	10.3
28	Kawade Sanketa	B+	11.0	—
29	Khan Afsha	B+	12.0	—
30	Labale Anvi	B+	11.0	11.00
31	Magar Rajini	B+	10.8	10.3

Last five year Register of Hb and Blood group checkup

S. No.	Name of student	Blood group	Hb (g/dl)	Hb (%)	Sex
1	Aher sayali	B+ve	10	-	Female
2	Animesur Vaishnavi	AB+ve	9.5	9.5	Female
3	Avhad Ruchita	B+ve	11	-	Female
4	Dnyaneshwar	O+ve	12	-	Male
5	Bhanjale Bhumiika	AB+ve	11.5	-	Female
6	Bhor Rutuja	O+ve	12	-	Female
7	Bozade Ashwini	B+ve	11	-	Female
8	Deore Swapnali	B+ve	10.5	10.6	Female
9	Dumbare Priyanka	O+ve	11	-	Female
10	Folone Mansi	B+ve	12	-	Female
11	Godhave Nikita	A+ve	8	8.2	Female
12	Godhave Shweta	A+ve	9	9.3	Female
13	Ghadekar pooanam	A+ve	8.5	9.0	Female
14	Gadse Gayatri	AB+ve	10	-	Female
15	Gulve Renuka	B+ve	10.5	-	Female
16	Harale Ashwini	AB+ve	9	9.1	Female
17	Mirse Anandika	A+ve	9.5	9.8	Female
18	Ingole Kulpna	A+ve	8	8.5	Female
19	Jadhav Keshada	B+ve	11	-	Female
20	Jadhav Rohini	B+ve	11	-	Female
21	Jagtap Tanishka	A+ve	11.5	-	Female
22	Kadve Varsha	A+ve	12	-	Female
23	Kadlay Vaishnavi	AB+ve	12	-	Female
24	Khairnar Pooja	AB+ve	10	-	Female
25	Khatele Sapna	B+ve	9	9.2	Female
26	Kulthe Shreya	B+ve	10	-	Female
27	Lagad Mansi	AB+ve	11	-	Female
28	Mansuri Mumna	AB+ve	12	-	Female
29	Munde Kavita	B+ve	12	-	Female
30	Nichal Priyanka	B+ve	11	-	Female
31	Nisal Rutuja	A+ve	11	-	Female
32	Polde Mayuri				

S. No.	Name of student	Blood group	Hb (g/dl)	Hb (%)	Sex
33	Bhadange Karina pravin	A+ve	9.6	9.7	Female
34	Bhandare Radha mahadev	A+ve	8.9	8.14	Female
35	Bhor Aachal Dilip	A+ve	10.1	-	Female
36	Bhor Arti Lakshman	O+ve	11.6	-	Female
37	Bhor Manika shivaji	B+ve	7.3	7.4	Female
38	Birhade Tyoti Shankar	B+ve	6.7	6.8	Female
39	Bozade Jogeshwar Ashok	AB+ve	9.3	9.4	Female
40	Buva Pooja sumi	B+ve	10.1	-	Female
41	Dangale Priya Balu	O+ve	7.3	7.4	Female
42	Diwate Prachi Dnyaneshwar	O+ve	6.4	6.5	Female
43	Diwate Shruddha Rajendra	A+ve	10.8	-	Female
44	Garkwad Akshada Mahadev	AB+ve	9.4	9.8	Female
45	Garkwad Sakshi Arun	A+ve	7.2	7.2	Female
46	Garkwad Shubhangi D.	A+ve	10.3	-	Female
47	Gholoth Pooja Arun	AB+ve	8.1	8.2	Female
48	Gholoth Pooja Arun	A+ve	8.7	8.8	Female
49	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
50	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
51	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
52	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
53	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
54	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
55	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
56	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
57	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
58	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
59	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
60	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
61	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
62	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
63	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
64	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
65	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
66	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
67	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
68	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
69	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
70	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
71	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
72	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
73	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
74	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
75	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
76	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
77	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
78	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
79	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
80	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
81	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
82	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
83	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
84	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
85	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
86	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
87	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
88	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
89	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
90	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
91	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
92	Gholoth Pooja Arun	A+ve	8.7	8.7	Female
93	Gholoth Pooja Arun	A+ve	8.7	8.7	Female

Blood group and Haemoglobin Check-up camp at Lahavit Dist. Nashik





Note- Original copy is signed by Principal