

A
Report on
Health status of Aluminium Industry workers

Organized
by
Raja Peary Mohan College
Uttarpara, Hooghly

In
Collaboration with
Everest Aluminium Company Pvt Ltd Bighati,
Bhadreswar ,Hooghly

About the Institute-

Raja Peary Mohan College introduces field study (project work) in different subjects as a part of their syllabus for last 25 years. Students participate in those study tour/Project work learn how to plan a field study ,selection of population ,proper arrangement to conduct a population survey , proper data collection and preservation method for statistical analysis.

In this 2021-22 session , Raja Peary Mohan College organized a **Health Camp for Aluminium Industry Workers** in collaboration with Everest Aluminium Company Pvt. Ltd on **6th June,2022** involving 6th and 2nd semester students of Physiology to develop an idea about health status of Aluminium Industry Workers exposed to industrial effluents of Aluminium industry.

Purpose -

This study aimed to –

1. Gather experience in organizing effective field work on human subjects.
2. Develop hands on skill on data collection from a field study.
3. Enable students to apply their knowledge in field situation and interpretation of the results.
4. Learn proper handling of data through statistical analysis.
5. Inculcate social values among students through this kind of community based work and send recommendations to the management of this industry for proper utilization.



Rajendra Prasad

PRINCIPAL,
RAJA PEARY MOHAN COLLEGE
UTTARPARA, BOOCHLY



RAJA PEARY MOHAN COLLEGE

রাজা প্যারীমোহন কলেজ

1, ACHARYA DHRUBA PAL ROAD, UTTARPARA, HOOGHLY, WEST BENGAL, PIN - 712 258

Tel No. : 033-2663-0191 MOB. : 7074292263

E-mail : rajapearymohancollege@gmail.com Website : www.rpmcollege.edu.in

ISO Certified & NAAC Accredited

Ref. No. /সূচক সংখ্যা _____

Date /তারিখ _____

NOTICE

It is hereby notified that all 6th semester and 2nd Semester students of Physiology Honours will mandatorily participate in a health camp for Industrial workers organized by Raja Peary Mohan College in collaboration with Everest Aluminium Company Pvt Ltd, Bighati, Bhadreswar, Hooghly on 06.06.2022 under the guidance of Dr. Anindita Mandal Majee , Associate Professor of Physiology.

Principal

স্বাক্ষরিত
16.10.23.

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

rediffmail

Mailbox of anindita11us

Subject: Fwd: Request letter for arranging medical camp (Physical health checkup) at our campus.

From: Hooghly Chamber of Commerce & Industry <hooghly.chamber@gmail.com> on Sat, 14 May 2022 16:14:59

To: anindita11us@rediffmail.com

Respected Madam,

We spoke, M/s Everest Aluminium Pvt.Ltd one of our Coveted Member has requested to organise a Medical Camp. We would request you to cover the same as earlier we have done it in our another Member Premises (Auro Impex). Please let me know your requirement and the expected date in the coming week.

With kind regards,

=====

SWAPAN GANGULY
SECRETARY
Hooghly Chamber of Commerce & Industry
41C, Garcha Road, Kolkata 700 019
Tel: 90739330/31/32
Email: hooghly.chamber@gmail.com

Mobile: 9903316722

----- Forwarded message -----

From: **Vijay Sharma** <hrhead@everestal.com>

Date: Sat, May 14, 2022 at 3:44 PM

Subject: Request letter for arranging medical camp (Physical health checkup) at our campus.

To: Hooghly Chamber of Commerce & Industry <hooghly.chamber@gmail.com>

Cc: Shivanand Pathak <shivanand.pathak@everestal.com>

Mr. Sapan kumar Ganguly

Respectd sir,

You are requested to arrange Free medical health checkup camp at our mill campus. In present scenario , it is very necessary to do the health checkup of every employees. so you are once again requested to arrange the camp. we will try to provide every co-operation from our side .

Hope we will get every support from your department.

Thanking you.

with best regard.

From- EVEREST ALUMINIUM PVT.LTD.

BIGHATI, BHADRESHWER, HOOGHLY. W.B

VIJAY KUMAR SHARMA

Head- HR & ADMIN.



[Handwritten Signature]
PRINCIPAL
RAJA PARY MOHAN COLLEGE
UTTARAMA, HOOGHLY



RAJA PEARY MOHAN COLLEGE

রাজা প্যারীমোহন কলেজ

1, ACHARYA DHRUBA PAL ROAD, UTTARPARA, HOOGHLY, WEST BENGAL, PIN - 712 258

Tel No. : 033-2663-0881/2663-0191, Fax No. : 033-2663-4155 E-mail : rajapearymohancollege@gmail.com

১, আচার্য ধ্রুব পাল রোড উত্তরপাড়া, হুগলী, পশ্চিমবঙ্গ, পিন - ৭১২২৫৮,

দূরভাষ : ০৩৩-২৬৬৩-০৮৮১/২৬৬৩-০১৯১, ফ্যাক্স : ০৩৩-২৬৬৩-৪১৫৫

Ref. No. /সূচক সংখ্যা _____

Date /তারিখ _____

To
The Head-HR &Admin
M/s Everest Aluminium Pvt. Ltd
Bighati, Bhadreswar, Hooghly, W.B

17.5.22

Dear Sir,

In response to your email dated 14.5.2022, I would like to inform you that according to the need of your industry, our final year students in the Department of Physiology will participate in this health camp schedule by your industry.

The main objective of this project work is to study Cardio-respiratory Parameters(Blood Pressure, Heart rate, Respiratory Flow rate)and physical parameters including body height, body weight, and different body dimensions like waist-hip ratio, and BMI which are indicators of nutritional status.

This study will be made within or near the industrial area as suggested by the industrial authority, it only requires a quiet place, a few chairs, and a table, and workers working at least 6 months constantly in this industry.

Participant workers will be taken for measurement in batches each with 8-10 workers so that the workflow of the industry will remain uninterrupted.

After completion of the work report of this study will be handed over to the authority with recommendations within one month which will be beneficial for the protection of the health of the workers if any kind of health abnormalities are identified and the identification of risk factors will be helpful for the authority /management to increase the productivity.

Data Collected in this study will completely be utilized for academic purposes, and will not be published under the name of your esteemed company.

Thanking you.

Principal

রাজা প্যারীমোহন
17.05.22

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

rediffmail

Mailbox of anindita11us

Subject: ref--for medical health checkup

From: Vijay Sharma <hrhead@everestal.com> on Sat, 21 May 2022 17:22:44

To: "anindita11us@rediffmail.com" <anindita11us@rediffmail.com>

Cc: Shivanand Pathak <shivanand.pathak@everestal.com>, Abha Basu <abha.basu@everestal.com>

1 attachment(s) - To_Everest_Aluminium_Company.docx (12.90KB)

Dr. Anindita Madam,

We are pleased to know that you are providing Doctor Team on dated 23-05-22(monday) in your supervision. our management will try to provide every co-operation from our side. We also wants to thanks to MR. Ganguli SIR (HOOGHLY CHAMBER OF COMMERCE), Who has given us co-operation to organize this camp.

Thanks

Best Regards

Vijay Kumar Sharma

Head HR-ADMIN.


**Everest Aluminium Pvt.Ltd.****MOBILE:9830310049.****hrhead@everestal.com****Website:www.everestal.com**

From: anindita11us@rediffmail.com <anindita11us@rediffmail.com> on behalf of anindita mondal <anindita11us@rediffmail.com>**Sent:** Saturday, May 21, 2022 1:38 PM**To:** Vijay Sharma <hrhead@everestal.com>**Subject:** request for conducting a project work

Sir,

In response to the email from Mr. Swapam Kumar Ganguly,Secretary, Hooghly Chamber of Commerce and Industry, on behalf of Principal,Raja Peary Mohan College ,I am sending our acceptance letter to you with our details study design.

I think it will help you for better understanding regarding our work.
Thanking you.


Anindita Mandal Majee
Associate Professor
Raja Peary Mohan College
Dept. Physiology



Everest Aluminium Pvt. Ltd.

An ISO 9001 : 2015 Certified Company

CIN : U28113WB2009PTC140414

Date: 06.06.2022

To

The principal

Raja Peary Mohan College

Uttarpara , Hooghly

Respected Sir,

In response to your dated 17th May 2022 regarding conduction a health camp for our Aluminum industry workers and after the successful completion of the first phase Health camp on 06.06.2022, We want to extend the collaboration with your institution by organizing the same "Health Camp" in our organization periodically in the next three years.

Thanking you.

EVEREST ALUMINIUM PVT. LTD.

Yours Sincerely

Manager (H.R.)

HR & Admin Department

M/s Everest Aluminum Pvt. Ltd

Regd. Off. & Works : JL no 15, Balaji Complex, Old Delhi Road, Village : Palarah, P.O. : Bighati

P.S. : Bhadreswar, Dist. : Hooghly, West Bengal - 712 124

Contact No. : +91 033 2999 6660 Email ID : info@everest.al.com



RAJA PEARY MOHAN COLLEGE

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Date /তারিখ _____

Extracts of the Proceedings of the meeting of the Governing Body held on 05.04.2022 in the Principal's Room.

Agenda No: 15(xv):

Resolved that Eight (8) different Memorandum of Understanding (MOUs) between Raja Peary Mohan College and Eight (8) other institutions/ organizations be signed, the list of which is annexed at the end of the Proceeding (3-10)

1. MOU with ICA on academic & Co-Curricular activates.
2. MOU with Durgamayee Society on academic & Co-Curricular activates.
3. MOU with Everest Aluminum on academic & Co-Curricular activates.
4. MOU with Rupasi Beauty on academic & Co-Curricular activates.
5. MOU with Lady Brabourne College & Jogamaya Devi College on academic & Co-Curricular activates.
6. MOU with Sanskrit Bharati on academic & Co-Curricular activates.
7. MOU with Paschim Banga Vigyan Mancha on academic & Co-Curricular activates.
8. MOU with Kasheswari College on academic & Co-Curricular activates.


PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly
05.4.22



पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

79AB 509332

2 OCT 2023

61



Memorandum of Understanding

BETWEEN

RAJA PEARY MOHAN COLLEGE,

1, A.D. PAUL ROAD, UTTARPARA,
DISTRICT - HOOGHLY, PIN CODE NO.- 712258

&

EVEREST ALUMINIUM Pvt. Ltd.,

BIGHATI, BHARDRESHWAR, HOOGHLY, WEST BENGAL

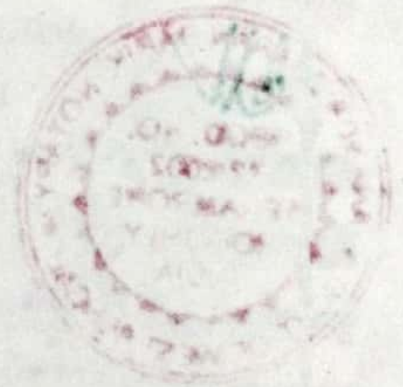


06 JAN 2021

No. 18226 Date.....
Sold To..... Raj. Peary Mohan College
Address..... Uttarpara
Hooghly - 712258
Rs.....
Paschim Midnapur Daspur A.D.S.R Office

Licence No.-2/96
Licence Stamp Vendar
Pradip Das

Pradip Das
SIGNATURE





Raja Peary Mohan College, 1, Acharya Dhruba Pal Road, Uttarpara, Hooghly, Pin - 712258 and Everest Aluminium Pvt. Ltd, Bighati, Bhadreswar, Hooghly, West Bengal, hereby agree to become partner organization for a period of 3 years in order to develop friendship and cooperation between our two organizations and promote mutual understanding regarding health of workers and environment related issue of the Industry.

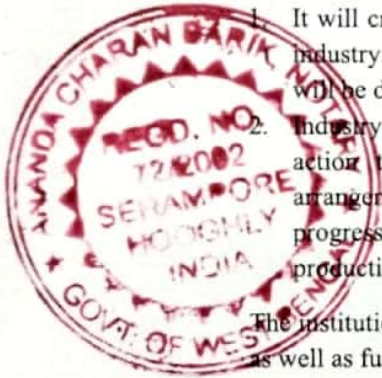
PARTNER ORGANIZATION PROGRAMME GOALS:-

1. Academic and social relationship between Industry and laboratory of Educational Institution.
2. Students will learn to implement their practical knowledge in the industrial field to the health of workers exposed to hazardous environment.
3. Industry will be benefited by arranging health camp once in a year or two as a health check up of different health related parameters of works and progression of diseases due to hazardous industrial atmosphere that can be assumed / identified through this health camp.

PARTNER ORGANIZATION ACTIVITIES:-

1. It will create an opportunity to implement the practical knowledge of students in the field of industry. Besides, interpretation of collected data, statistical analysis and report writing skill will be developed through this partnership.
2. Industry will be benefited by knowing the health status of workers and will take necessary action to protect the health of workers by improving the working environment and arrangement of health camp to indentify the present health condition of workers as well as progression of diseases can be measured which will bring benefit to the industry by increasing productivity and strengthen the economic growth of the industry.

The institutions reserve the review to this agreement on regular basis to determine new inclusions as well as future directions of this agreement.



EVEREST ALUMINIUM PVT. LTD.

V. Sharma
Manager (H.R.)

Head, Everest Aliminium, Pvt. Ltd.
25. 02. 22

Principal
25-02-22.

Principal
Raja Peary Mohan College
Uttarpara, Hooghly
PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

Rathindra Nath Nag
RATHINDRA NATH NAG
ADVOCATE
SERAMPONS COURT
REGD. NO. WB/111/88

SOLEMINLY AFFIRMED & DECLARED BEFORE ME
ON IDENTIFICATION OF ADVOCATE
A. C. Barik
A. C. BARIK
Notary Govt. of West Bengal (India)
Regd. No. 72/2002, Serampore Court
Serampore, Hooghly

12 OCT 2023

A BRIEF REPORT ON COLLABORATIVE WORK OF RAJA PEARY MOHAN COLLEGE WITH INDUSTRIES

TYPE OF COLLABORATIVE WORK - ORGANIZING HEALTH CAMP
INDUSTRY- EVEREST ALLUMINIUM COMPANY PVT LTD
BIGHATI, BHADRESHWAR, HOOGHLY, WEST BENGAL
DATE- 06.06.2022
TIME- 10AM TO 2PM
PLACE- INDUSTRIAL CAMPUS
NO OF WORKERS PARTICIPATED- 120
NO OF STUDENTS PARTICIPATED- 6
NO OF TEACHERS PARTICIPATED- 1
TYPE OF STUDY - MEASUREMENT OF PHYSICAL AND PHYSIOLOGICAL PARAMETERS

OUTCOME - Report of health conditions of industrial workers will be beneficial for the industry to increase their productivity and decrease absenteeism and mortality.

Students got hands on training and skill development through this project work along with experience of team work. They also learn to handle data through statistical analysis and interpretation of results as well as report writing.



R. K. Das

PRINCIPAL,
RAJA PEARY MOHAN COLLEGE
UTTARPARA, HOOGHLY



RAJA PEARY MOHAN COLLEGE

রাজা প্যারীমোহন কলেজ

1, ACHARYA DHURUBA PAL ROAD, UTTARPARA, HOOGHLY, WEST BENGAL, PIN - 712 258
Tel No. : 033-2663-0881/2663-0191, Fax No. : 033-2663-4155 E-mail : rajapearymohancollege@gmail.com

১, আচার্য্য ধুব পাল রোড উত্তরপাড়া, হুগলী, পশ্চিমবঙ্গ, পিন - ৭১২২৫৮,

দূরভাষ : ০৩৩-২৬৬৩-০৮৮১/২৬৬৩-০১৯১, ফ্যাক্স : ০৩৩-২৬৬৩-৪১৫৫

Ref. No. /সূচক সংখ্যা _____

Date /তারিখ 6.6.2022

ATTENDANCE SHEET FOR STUDENTS PARTICIPATED IN HEALTH CAMP ORGANIZED BY RAJA PEARY MOHAN COLLEGE IN COLLABORATION WITH EVEREST ALUMINIUM COMPANY PVT. LTD

On 6.6.2022 at Bighati, Bhadeswar, Hooghly

SN	NAME	ROLL NO	CLASS	MAIL ID	CONTACT NO	SIGNATURE
1	Amartya Roy	193621-21-0074	SEM-6	amartya.roy19@gmail.com	7044299365	Amartya Roy
2	Suhel Adak	193621-21-0075	SEM-6	Suhel20adak@gmail.com	9093767275	Suhel Adak
3	Bhaskar Pal	193621-21-0077	SEM-6	bpal19107@gmail.com	9330304632	Bhaskar Pal
4	Aditya Pal	193621-21-0073	SEM-6	apal19107@gmail.com	9748340812	Aditya Pal
5	Smitha Biswas	193621-11-0054	SEM-6	biswasmita227@gmail.com	6290674353	Smitha Biswas
6	Archita Ghosh	193621-11-0057	SEM-6	architanaighosh@gmail.com	8081318891	Archita Ghosh
7	Anindita Gope	213621-11-0074	SEM-2	aninditagope20@gmail.com	94348889-61	Anindita Gope
8	Banani Dhang	213621-11-0071	SEM-2	dhangbanani@gmail.com	9933605624	Banani Dhang

HR and Head

Everest Aluminium Company Pvt. Ltd
EVEREST ALUMINIUM PVT. LTD


Manager (H.R.)


Principal

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly



RAJA PEARY MOHAN COLLEGE

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Date /তারিখ 6/6/2022

Report on Health Status of Everest Aluminium Industry workers

In Aluminium Industry the main hazardous elements are dust and exposure to aluminium compounds in working environment.

The Health status of workers Of Everest Aluminium Company....

1) Nutritional status-

Normal- 70.94%
Underweight- 12%
Overweight- 17.08%

2) Respiratory Status-

Normal respiratory volumes and Capacities- 62.39%
Obstructive lung diseases - 4.27%
Restrictive lung diseases - 30%
Combined Lung diseases - 0.85%

3) Cardiovascular Risk-

Normotensive- 75.83%
Pre hypertensive- 16.66%
Hypertensive- 7.5%

4) Risk of cardiovascular diseases/ Diabetes by waist/hip ratio-

Low risk- 87.17%
Moderate Risk 10.25%
High risk- 2.56%

Overall the health status of workers of Everest Aluminium Company is fair. Nutritional status of 71% worker is normal. Only 30% workers suffer from restrictive lung disease. 76% workers are normotensive (normal blood pressure). Risk for cardiovascular diseases and diabetes is low among 87.17% workers.

But use of protective gadgets – mask, face shield, gloves, protecting cloths is rare which can protect the workers from exposure to dust and aluminium compounds and health of the workers remain safe and protected as well as management will be benefited.

HR and Head

Everest Aluminium Compant Pvt Ltd
EVEREST ALUMINIUM PVT. LTD

Vinayma
Manager (H.R.)

Principal

সুদীপ কুমার

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly



HOOGLY CHAMBER OF COMMERCE AND INDUSTRY NEWS SPECTRUM VOL - 6, MAY 2022

5. HCCI ARRANGED SEMINAR ON GST AUDIT & NOTICES AT HOTEL HINDUSTAN INTERNATIONAL ON 07.05.22

A lot of changes are constant in GST & procedure on preparing us for Audit & to make the Members aware about the same, we had arranged a Seminar with the renowned Consultant and Legal Expert Mr. Abhishek Tibrewal. The members present were mostly Accounts executives, dealing with such situations who had cleared many of their doubts at the Q/A session.



6. MEDICAL CAMP OF THE INDUSTRY WORKERS ON 12.03.22 AT EVEREST ALLUMINIUM PVT. LTD. AT OLD DELHI ROAD BALAJI COMPLEX, BHADRESHWAR.

The Basics of any organization stands on its Human assets. To protect them from any adversity with respect to Health and wellbeing is prime for productivity. With this intention, we have arranged the same again with the Raja Peary Mohan Roy College of Uttarpara. This time a huge number of employees has participated in the same. The Team well Led by Prof. Dr. Anindita Mondal along with her team and after the completion of the Camp, M/s Everest Alluminium Pvt. had an MOU with the College for performing the Camp for 3 consecutive





HOOGHLY CHAMBER OF COMMERCE AND INDUSTRY NEWS SPCTRUM VOL - 6, MAY 2022

2. MEDICAL CAMP OF THE INDUSTRY WORKERS ON 12.03.22 AT AURO IMPEX & CHEMICALS PVT. LTD.

This project was done jointly with the Raja Peary Mohan Colleges Associate Professor Dr. Anindita Mondal & the final year Students of Physiology department . The main objective of this project was to detect the health status of the workers randomly exposed to various environmental effluents. To study the Cardio-Respiratory as well as physical parameters and BMI, which is indicator of Nutritional Status. A group of 8 to 10 students along with 2 Teachers guided the procedure. After completion the work report has been handed over to the Authority with recommendations within 15 days which will be beneficial for the protection of the health of the workers and Identification of risk factors will be helpful to the Management Authority to increase in the productivity.



3. SEMINAR ON HR & WORKPLACE CONFLICT ON 25.03.2022 AT ADITYA BIRLA TRAINING INSTITUTE

Workplace conflicts happen everywhere and ignoring them can be costly. It's an enormous loss for a organization. Conflict suggests the way you've been doing things is not the way it's going to be forever. A good place to start is by realizing that, even though people may shy away from it, conflict is actually normal and healthy. In fact, many believe it's a vital ingredient to organizational success. We at HCCI with a view to achieve the essence of that culture where dissent is allowed, or even encouraged, can spur innovation, diversity of thought and better decision-making. Some glimpses of the program arranged at Aditya Birla Training auditorium Rishra on 25th of March 2022 are as under.



THERE IS ALWAYS ROOM FOR THE IMPROVEMENT