

I am enclosing a few Philippine stamps for your daughter, Ila. I am offering her for her pen pal, a girl of her age in the Philippines, a niece of mine, going to fourth year high school this June. She studies in an exclusive girl's Catholic School. Her name and address:

Miss Ma. Amparo L. San Juan
36 Edison Tech
University Hills Subdivision
Malabon, Metro Manila, Philippines 3118

Born October 4, 1965 in Manila, her nickname, Beng. Ila can request her for more stamps.

Best regards.

Very sincerely,

Crispin



to marry on my return.

Additional message area

Dear Krishna, Ranggam,

May 19, 1982

I am back again in the USA. I left Manila last May 6 by Korean Airlines plane at 2:00 P.M. on a direct flight to New York, with change of carrier in Seoul, stop in Anchorage, Alaska port of entry and customs inspection, and arrived in New York JFKennedy Airport at 10:40 P.M. same day.

I stay with my married daughter here in Mt. Vernon, New York, to baby sit her two sons while she and her husband are at work; end of next month, we will be moving to Connecticut, some 200 miles away from New York City, in a rural area where my son-in-law's office is relocating. I expect to stay here four months, then I will be going back home to the Philippines where I am now a permanent resident. I hope to get me a wife there upon my return.

Please excuse me for not replying to your letter while still in the Philippines; reason must be my preoccupation looking for qualified, suitable girls, now narrowed to only one, who I plan to marry on my return.

YOU

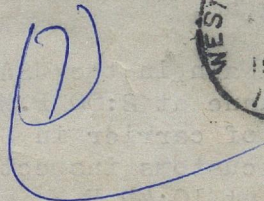
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See the U.S.A... vacationland of the world!

JSPS 1981

Crispin Las Marias
15 North St.
Mt. Vernon, New York
U.S.A. 10550



DR. KRISHNA BAHADUR
68 Dilkusha, New Katra
Allahabad 2
INDIA 211002

**Tour
The
United
States**



AEROGramME • VIA AIR MAIL • PAR AVION

Mr. Crispin R. Las Marias
78 Angelo St.
Quezon City 3010
Philippines

January 30, 1984

Dear Krishna,

I have just received the communication of the Registrar, Allahabad University requesting me to be one of the examiners of the thesis of your student, Km. Rati Mehta.

I am sending, through you, my letter to the Registrar, accepting my appointment as examiner.

Please note in the letter that I am requesting that the thesis be sent to my address in the United States where I will be staying with my daughter from 8 March, 1984. I plan to return to the Philippines in September.

Recently I received your invitation to the wedding of your son, thanks. What wedding gift I should give to him and his bride-- from my thesis money with you, if any, please give them cash, on their wedding day, or after, the amount, at your discretion. I missed to do this when your daughter got married. I suggest that whatever amount of Rupees you are keeping as mine from theses remunerations, you divide it between them.

Best regards to you and Ranggam.

Very sincerely,

Address after 8th March 1984. Crispin

*1466 S^D Sylvan Avenue
Trumbull,
Connecticut,
U.S.A. 06611.*

Thesis of Km. Rati Mehta entitled "Study of the Photolytic Dissociation of Water by Jeewanu, the Primitive Autotrophs"

REPORT

The thesis consists of 259 pages, divided into Introduction, Experimental, and five chapters. Chap. I, study of the splitting of water by Jeewanu; II, exchange of gases during photochemical formation by the autotrophs; III, photochemical splitting of water and nitrogen fixation by the mixtures; IV, exchange of gases by Jeewanu and organo molybdenum microstructures in sunlight; and V, fixation of nitrogen and carbon dioxide by the autotrophs. Some significant findings:

In Ch. I, Jeewanu's ability to split water is enhanced by increase of hydrochloric acid concentration in the mixture; the addition of minerals also enhanced splitting; an increase of formaldehyde concentration produced microstructures with more gas bubbles.

In Ch. II, during the photochemical formation of Jeewanu, the gas exchange with greater amount of acetic acid produced particles showing greater dissociation, greater under anoxygen than under oxygenic condition.

In Ch. III, Jeewanu were capable of rapid nitrogen fixation in the oxygenic condition; in this also, microstructures increased the photochemical splitting of water, but lesser on nitrogen fixation than by Jeewanu. When sodium chloride was added to the medium, Jeewanu formation was restricted.

In Ch. IV, with formaldehyde tests, more Jeewanu were formed in small bulk mixtures; the larger bulk gave more crystalline structures. Both types of particles proved to be good water splitters, also good nitrogen fixers. A phosphatic buffer of pH 6.8 was found most effective for water splitting reaction at 5.2 cm mercury pressure, with pH 8.0 optimum for both water splitting and nitrogen fixation, at -3.4 cm. With carbonate-bicarbonate buffer, the microstructures showed maximum increase under oxygenic and maximum decrease under anoxygenic condition, at pH 10.2.

In Ch. V, the Jeewanu mixture had considerable photochemical nitrogen fixation, the amount fixed, as with carbon dioxide, increased with increasing periods of exposure.

The thesis is extensive, characterised by the discovery of facts, with new approach of interpretation, evinces the candidate's capacity for critical examination and judgment. The literary presentation is very satisfactory.

I highly recommend that the thesis be accepted for the award of the D. Phil. degree.

Crispin R. Las Marias
CRISPIN R. LAS MARIAS
Examiner

Sept. 17, 1984

Address: 1466 Sylvan Avenue
Trumbull, Connecticut
U.S.A. 06611

TO: Dr. Krishna Bahadur
Dept. of Chemistry
Allahabad University

FROM: Crispin R. Las Marias
14666 Sylvan Ave. Trumbull, CT 06611 USA
DATE: Sept. 20, 1984

Dear Krishna,

On the 18th September I mailed my report (copy enclosed) to the Registrar, Allahabad University, together with the remuneration bill. Below is my authorization for you to collect the examiner's fee. I hope that Mr. Rati Mehta will be approved and awarded the Doctor of Philosophy degree. My congratulations to you for your fine and able guidance in this research work, and for "devotion to the cause of research, enthusiasm coupled with extreme patience and understating" (quote from the acknowledgements of Rati Mehta, well expressed). To add, my congratulations also to Dr. Ranggam for her good share, she, "who with her valuable suggestions and readiness to help, inspired me throughout the tenure of my work", quote from Rati Mehta. I feel happy and honored, by the opportunity of reviewing the thesis, as well as others in the past, for the association, still continuing since our London days together at Imperial College, for my health and longer life.

When do we see each other again? Plan to visit USA and me soon while I am here and still living. At 72, I feel my health is going down. I recently had eye operation (cataract, right eye) and now under dental care of my dentures. But still going strong, looking for a new bride for companion in old age. (Remember Dr. Bagchee? until now he has not found one, I have not heard of him for a year, he may be in India now).

Best regards,

Very sincerely,

Crispin

AUTHORIZATION

Sept. 20, 1984

I hereby authorize Dr. Krishna Bahadur, Department of Chemistry, University of Allahabad, to receive my remuneration fee as reader of the D. Phil. thesis of Km. Rati Mehta, with my report attached hereto.

Crispin R. Las Marias
CRISPIN R. LAS MARIAS

Address: 1466 Sylvan Avenue
Trumbull, Connecticut
U.S.A. 06611

Dear Krishna,

Greetings to you and Ranggam.

To inform you that today, I received from the mail the thesis of Rati Mehta sent by the Registrar of your University.

I have to examine the thesis fast, as I have all my time for it, and in a week's time, I hope to send my report.

I had my two weeks vacation in California (West Coast, 3,000 miles away, five plane hours) visiting old friends in two areas, Los Angeles and San Francisco, Aug. 16-30.

Someday in near future, I wish you could come to U.S.A. for vacation too, and while in the New York area, I will be your host, you will stay with me in the home of my daughter here in Connecticut, we can bring you around by car to see the sights in New York City. Both of you! This, an open invitation, while I am living⁺ and staying here in the States.

Best regards?

and

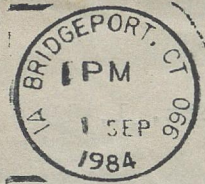
very sincerely

yours,

Crispin

⁺ in three years, I remember you had given me in London a thorough horoscope of my life to live to 75;

CHRIS LAS MARIAS
1466 Sylvan Avenue
Trumbull, CT 06611



©USPS 1983



DR. KRISHNA BAHADUR
Department of Chemistry
University of Allahabad
Allahabad
I N D I A

AEROGRAMME • VIA AIRMAIL • PAR AVION

② Second fold



Seal top flap last

Seal top flap last

Do not use tape or stickers to seal—No enclosures permitted

← ① Fold first at notches →

Additional message area

Mr. Crispin R. Las Marias
78 Angelo St.
Quezon City 3010
Philippines



DR. KRISHNA BAHADUR
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VIA AIR MAIL