

Professor C. Mahadevan M.A., D.Sc.,
F.A.Sc., M.A.I.M.E., F.N.I.
Head of the Geology Department,
Investigator-in-Charge, C. S. I. R. Scheme.

Andhra University,
WALTAIR.
D/..1st..March.....195 5.

My dear Prof. Krishnan,

I have great pleasure in introducing to you my colleague, Mr. U. Aswathanarayana, Senior Research Assistant, in the C.S.I.R. Scheme on "Age determination of certain igneous and metamorphic rocks of the pre-cambrian era". He has been called for an interview in connection with the A.E.C. scholarships to New Delhi. He is an exceptionally brilliant researcher who has done very good work on radioactivity determinations and has submitted his D.Sc. thesis last month. I am anxious that he should have an opportunity of seeing the research work in progress at the National Physical Laboratory, particularly in branches in which we ourselves are interested. I shall be grateful if you kindly give him the necessary facilities.

With my namaskars,

Yours sincerely,

C. Mahadevan

Prof. Sir K.S. Krishnan,
Kt., F.R.S.,
Director,
National Physical Laboratory,
Hillside Road,
NEW DELHI - 12.

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Andhra University,
WALTAIR.
D/....19th Feb....1955.

My dear Professor Krishnan,

When I was last with you at Delhi, I was requesting you to make available to our University the ~~B~~ ray Spectrometers and other equipment associated with it, made by Prof. Jnanananda. You were kind enough to tell me, in reply to my enquiry, if any one else was working with that now, that no one was continuing the work. You said you will look into the matter after things settled down there. I made this request to you at the specific suggestion of Prof. Jnanananda. The University is prepared to pay the cost, actually incurred ^{for} on making these. You have always been a friend and guide and a well-wisher of our University and if you can kindly get permission for making them over at their cost to us, his work will progress very rapidly. Our Vice-chancellor, Prof. V.S. Krishna and Dr. K. Rangadhama Rao, also desired me to make a special request to you in this connection.

p.t.o.

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I saw in 'Andhra Prabha' an announcement yesterday, that you were appointed as Director of C.S.I.R. As I appealed to you in person, it is imperative that for the sake of us all and for the cause of Indian science, you must accept the post and not persist in refusing. I hope this is an official news, in which case, my respectful congratulations to you.

With my namaskars to you and Lady Krishnan and best wishes to the children and Bhasyam,

Yours affectionately,

B. Mahadevan

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Prof. C. Mahadevan, M.A., D.Sc.,

F.A.Sc., M.A.I.M.E., F.N.I.,

Head of the Departments of Geology & Geophysics

Investigator-in-charge of CSIR Scheme.

Andhra University

WALTAIR

Date.....21st July, '57.

26 JUL 1957
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My dear Prof. Krishnan,

I am sending herewith a copy of the programme of research work underway at the Andhra University during the International Geophysical Year. I only wish that you will help us with your official position and personal influence to make available to us the Defence vessels such as Mine-sweepers for our work in connection with Oceanographic research.

Can you let me know to whom we are to communicate our results from time to time? I have not received any literature or instructions or geophysical calendar regarding the work in India. If you can help me to get them, I shall be grateful.

With kindest regards,

Yours sincerely,

C. Mahadevan
(C. Mahadevan)

Prof. Sir K.S. Krishnan, Kt. F.R.S.,
Director,
National Physical Laboratory of India,
Hillside Road,
New Delhi-12

Programme of research work at Andhra University
during the International Geophysical Year.

Physics Department:

1. Study of Ionospheric drifts in the E, f_1 and f_2 regions by the method of spaced receivers (observations are taken every hour during the World days and special World days; observations are taken once in three hours on World Meteorological intervals).

2. The construction and calibration of equipment for absorption studies are in progress and observations are expected to start from 1st August, '57.

Geophysics Department:

1. The Geophysics department is taking measurements of solar radiation on all cloudless days.

2. The Geophysics department (Oceanography Section) is starting measurements of temperature, salinity of coastal waters every day and the temperature and salinity of the waters at the Continental Shelf once in a fortnight.

Geology Department:

1. Coastal evolution in relation to tides, waves and storms.

2. Studies in marine sediments of the Continental Shelf off Visakhapatnam Coast.

3. Physico-chemical conditions in relation to the sedimentation of the Kakinada Bay.

Zoology Department:

1. Systematic analysis of the salinity, surface temperature, phosphates, silicates, nitrates and dissolved oxygen.

2. Measurement of productivity in the inshore waters off Visakhapatnam Coast.

3. Quantitative and qualitative distribution of planktonic organisms in relation to prevailing hydrographic conditions.

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B. Tuladur