Virginia Tech
VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY

Erik T. Nilsen, Ph.D.
Department of Biology

College of Arts and Sciences
Blacksburg, Virginia 24061-0406
(540) 231-5674 Fax: (540) 231-9307
E-mail: enilsen@vt.edu

January 7, 2000

Dr. N. V. Joshi
Associate Professor
Center for Ecological Sciences
Indian Institute of Science
Bangalore - 560 012
India

Dear Dr. Joshi:

We have received your letter of reference regarding H. S. Arathi for the current open position of Assistant Professor in our Department of Biology. Thank you very much for your help with our faculty search process.

Sincerely,

Erik T. Nilsen, Ph.D.
Chair, Search Committee
Professor of Ecology

ETN/jah

CENTRE FOR ECOLOGICAL SCIENCES
INDIAN INSTITUTE OF SCIENCE
BANGALORE 560 012, INDIA
Telephone: 91-080-3600985/309 2635/309 2506
Telefax: 91-080-3601428
E Mail: nvjoshi@ces.iisc.ernet.in

Prof. N.V. Joshi

Date: 27 January 2000

To
Prof. Roddam Narasimha
Chairman, Awards Committee, Karnataka State Awards in Science and Engineering

Dear Prof. Narasimha

Thank you very much for your letter of 4 Jan 2000, seeking nominations for the Sir C.V. Raman Awards.

May I take this opportunity to nominate Dr. T. V. Ramachandra of the Center for Ecological Sciences, Indian Institute of Science, Bangalore for one of the ten Sir C.V. Raman Awards for Young Scientists?

Please find enclosed Dr. TV Ramachandra's Curriculum Vitae and his list of publications. In my opinion, that by itself (more than what I could indicate in his brief letter) would be more than adequate for the committee members to judge his suitability for the award.

Dr. Ramachandra's main contributions have been in the field of Energy and Sustainable development. His Ph.D. thesis was on the integrated energy planning for Uttara Kannada district of Karnataka. He had conducted a detailed resource availability survey of energy resources as well as the end use requirements. Based on a decision-support-system developed by him, he was able to recommend an optimal mix of conventional and non-conventional energy generation forms that went a long way in enhancing the energy use efficiency. In fact, his thesis work was highlighted in one of the editorials in the journal Energy for Sustainable Development.

Dr. Ramachandra has been able to identify sites for microhydel projects, which have been found to be acceptable for implementation, and work is in progress. More importantly, he has been able to suggest a reduction in the height of dams (and thereby avoiding submergence of a large area) WITHOUT a significant reduction in the total energy generation. His work thus assumes great importance in the current situation. His ability to combine engineering and ecological perspectives is something which is badly needed, and needs to be recognized.

In recent years, Dr. Ramachandra has been using the new technique of Geographical Information system to conduct bioresource survey of Kolar, with the aim of developing an integrated energy plan for that district as well. This is in addition to his other studies on wetlands, on energy-information systems, on pollution monitoring and so on. All his work has been carried out in Karnataka, and has directly benefited the community and has a great application potential in the years to come.

In summary, Dr. TV Ramachandra's work is an excellent combination of highly productive high quality research work (as seen from the high number of publications in international journals), and the sensitivity and social responsibility for using it for the development of the community. For these reasons, he is certainly ideally suited for the Sir C.V. Raman Award for Young Scientists.

Please do let me know should you need any further information.

Thanking you and with best regards

Encl.: Curriculum Vitae of Dr. T.V. Ramachandra
List of Publications of Dr. T.V. Ramachandra

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E Mail: nvjoshi@ces.iisc.ernet.in

Prof. N.V. Joshi

Date: 15 December2003

To
The Registrar, Indian Institute of Science, Bangalore

Attn: Mr. B. N. Balaji, Assistant Registrar, Establishment Section, Unit IB

Sub: CR and Recommendation Re Ms Vijayageetha Gadagkar for Change in Designation from Laboratory Assistant to Junior Scientific Assistant.

Dear Sir

Thank you for your letter R(IB)063-1/2003-2197 of 26 Sept 2003.

Please find enclosed the Confidential Report for Ms Vijayageetha Gadagkar. I am happy to recommend her very strongly to the post of Junior Scientific Assistant for which she is being considered.

Her work consisted of assisting Prof. Madhav Gadgil in his numerous programs on Biodiversity. She has handled the various responsibilities extraordinarily well, and with great dedication and sincerity and efficiency. As a matter of fact, her qualifications, experience and abililities make her an asset to CES, and it would be quite appropriate if she is given a higher designation than what she is considered for.

Please do get in touch with me should you have any specific or detailed queries.

Thanking you and with best wishes

N.V. Joshi

(N.V. Joshi)

To
The Chairman
Center for Ecological Sciences
Indian Institute of Science, Bangalore – 560 012

Sub: Recommendation for Dr. T. R. Shankar Raman as IISc Research Associate

Dear Sir

It is a pleasure for me to recommend Dr. T. R. Shankar Raman who has applied for the position of Institute Research Associate at the Center for Ecological Sciences.

I have known Dr. Shankar Raman since 1996, when he joined CES as a graduate student. I have had many opportunities to discuss with him in detail about his work. I have been in touch with him by e-mail as well for the last several years, and I am familiar with the work he has been carrying out on ecological restoration.

The candidates considered for the position of Institute Research Associate are expected to have shown considerable promise as independent researchers. As can be seen from his CV and list of publications, Dr. Shankar Raman has remarkably productive during the last decade if not more. His deep commitment to conservation, excellent knowledge of ecology, and admirable enthusiasm for field work, data analysis, modelling as well as for communication of the results in fact show him to be an excellent candidate even for a faculty position at the Center for Ecological Sciences.

I have had an opportunity to examine the project he is likely to undertake if he is offered the IISc Research Associateship, and I am very favourably impressed by the by the excellent and meticulous planning of the work that he has demonstrated in formulating the project.

In summary, I have no hesitation in saying that Dr. Shankar Raman will be an extremely valuable asset to CES (even if he is appointed as a faculty member, a position which he would certainly deserve), and I very strongly recommend his candidature for the position of the Institute Research Associateship.

Please do let me know should you need any more details.

Thank you and best regards

N.V. Joshi 28/5/2004

(N. V. Joshi)
CES. IISc, Bangalore

From

Dr. Varanasi Ramabrahmam,
Lecturer in Physics/Biophysics
Indira Gandhi College of Arts and Science
Pondicherry - 605 009

To

Prof. N. V. Joshi
CES
IISc
Bangalore - 560012

Dear Prof. Joshi,

Namaste!

Herewith I am enclosing copy of the e-communication I have sent you on 14.2.05. Please do the needful when referred to. I am posting on deputation to this college.

I am also enclosing copies of my write-ups in Sanskrit. Please keep with you. I will be glad to receive your comments and impressions of Sanskrit scholars known to you.

I have two sons. Elder son is in final semester of B. Tech. He is selected by TCS (Tata Consultancy Services) in the campus interview. My second son is in XI. My wife is a house-wife.

With Best wishes and regards to all,

Yours Sincerely,
R. Varanasi

Pondicherry
25. 2. 05.

Dear Sir,

Namaste!

I have applied for a faculty position in the Indian Institute of Advanced Research. Gandhinagar, Gujarat in Bioinformatics. I have given your name in references. Please do the needful when referred to,

I am herewith enclosing my bio-data for your information.

I am also enclosing my paper presented recently at an International conference at Haridwar. Please go through it at your leisure and send me your comments at your convenience.

Yours Sincerely,
Varanasi Ramabrahmam.

e-mail sent on 14.2.05.

BIO DATA

Name: VARANASI RAMABRAHMAM

Designation: Lecturer (in Reader scale)

Discipline: Physics (Doctorate in Life Sciences)

Name of the Institution: Tagore Arts College, Pondicherry

Date of Birth: 26-11-1953

Educational Qualifications: B. Sc. (Mathematics, Physics and Chemistry). 1972. ***Andhra University***, Andhra Pradesh, India. Passed in First Class.

M. Sc. (Physics). 1974. ***Andhra University***, Andhra Pradesh, India. Passed in First Class.

Ph.D. (1984) **School of Life Sciences**, ***University of Hyderabad***, India.
Thesis Title: **"Theoretical Studies On Protein Folding: Protein Crystal Structure Data Analysis".**

Advance diploma in **German.**

Certificate Course in **French.**

Kovida in **Sanskrit.**

Address:

Office: Dr. V. Ramabrahmam,
Lecturer in Physics,
Tagore Arts College,
Ponidcherry – 605 008. India

Residence: Dr. V. Ramabrahmam,
H. No. 10, 12th cross,
Avvai Nagar,
Lawspet,
Pondicherry – 605 008.

e-mail address: **varanasi_ramabrahmam@yahoo.co.in**

Teaching Experience:

1) D.N.R. College, Bhimavaram, 3 years.

2) Dr. S.R.K. Government Arts College, Yanam.
10 years 10 months.

3) M.G.G.A College, Mahe, 2 years 2 months.

4) Tagore Arts College, Pondicherry.
From 17 – 10 – 2001 till date.

Field of specialization:

Molecular Bio-physics.

Research Experience:

1976 – 1979, Junior Research Fellow (CSIR) X – ray section. Regional Research Laboratory, Hyderabad. (Presently IICT)

1979 – 1983 Junior and Senior Research Fellow (U.G.C.), School of Life Sciences, University of Hyderabad. Hyderabad.

1983 – 1985 Post Doctoral Fellow (DST), Molecular Biophysics Unit, Indian Institute of Science, Bangalore.

Research Interests:

Bio informatics -Protein folding studies- Pre-biotic and biotic evolution- Physiological psychology – Modelling of Human cognitive Processes - Artificial Intelligence – Natural language comprehension in Correlation with Upanishadic wisdom- Study of nature of Time

Research Project Submittrd:

Title of the Project: "*Theoretical study of the identification of proteins involved in human cognitive process and to develop software to understand their working based on the insight provided ;by Upanishadic Wisdom on human consciousness.*

Conferences Attended/Papers Presented:

1) International Winter School on Crystallographic Computing, Jan 3-11, 1980 at I.I.Sc., Bangalore.

2) International Seminar on Concepts of Knowledge- East and West, Jan 4-10, 1995 at Ramakrishna Institute of Culture, Gol Park, Calcutta.

3) Paper presented at World Congress for the Synthesis of Science and Religion, Jan 9-12, 1997, at Salt City Auditorium, Calcutta. Title: **"Meditation on the Self through Physics"**.

4) Paper presented at Three days National Conference, September 9-11, 2000, at Arya Kanya Degree College (affiliated to Allahabad University), Allahabad. Title: **"Upanishads Texts of Science?"**

5) Paper presented at World Congress on Vedic Sciences, August 9-13, 2004, at Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA) – (Deemed University), Bangalore. Title: " **A modern scientific awareness of Upanishadic Wisdom: Implications to physiological psychology and artificial intelligence"**.

6) Paper presented at International Vedic Conference on the contribution of the Vedas to the world, January 27-30 at Department of Ved, Gurukul Kangri Viswavidyalaya, Haridwar, Uttranchal. Title: " **Human Cognitive Process- An ancient Indian model**".

References:

1. Prof. A.S. Kolaskar,
Vice-Chancellor,
University of Pune,
Ganeshkhind,
PUNE-411 007.
e-mail: (O) puvc@unipune.ernet.in
kolaskar@bioinfo.ernet.in

2. Prof. K. Muralidhar,
University of Delhi,
Department of Biochemistry/Zoology,
DELHI-110 007.
e-mail: kambadurmurali2001@rediffmail.com

3. Prof. N.V. Joshi,
Centre for Ecological Studies,
Indian Institute of Science,
BANGALORE-560 012.
e-mail: nvjoshi@ces.iisc.ernet.in

List of Publications:

1. **Conformational Similarity Among Amino Acid Residues 1. Analysis of Protien** Crystal structure data - A.S. Kolaskar and V. Ramabrahmam *Int. J. Biol.Macromolecules* (1981) **3** 171.

2. **Side Chain Characteristic Main Chain Conformations Of Amino Acid Residues** – A. S. Kolaskar and V. Ramabrahmam *Int. J. Peptide and Protein Res.* (1982) **19** 1.

3. **Conformational properties of pairs of Amino acids** - A. S. Kolaskar and V. Ramabrahmam *Int. J. Peptide and Protein Res.* (1983) **22** 83.

4. **Nature of Amino acid substitutions in homologous proteins during evolution** – A. S. Kolaskar and V. Ramabrahmam *Int. J. Biol. Macromolecules* (1982) **4** 151.

5. **Obligatory Amino acids in Primitive Proteins** – A. S. Kolaskar and V. Ramabrahmam *Biosystems* (1982) **15** 105.

6. **Are secondary structures secondary?** – A. S. Kolaskar and V. Ramabrahmam Int. *J. Peptide and Protein Res.* (1984) **24** 392.

7. **Reversals of Polypeptide chains in Globular Proteins** – A. S. Kolaskar and V. Ramabrahmam Int. *J. Peptide and Protein Res.* (1980) **16** 1.

8. **Upanishads Texts of science?** – V. Ramabrahmam, *Bharatiya Bouddhika Sampada*, May 2001, 8

9. **Nature of Maya – A modern scientific awareness** - V. Ramabrahmam, *Bharatiya Bouddhika Sampada,* August 2002, 9

10. **The significance and use of Absence** - V. Ramabrahmam, *Bharatiya Bouddhika Sampada*, November 2003, 7.

11. **Shoonyani*** – V. Ramabrahmam, *Sambhashana Sandeshah*, October, 1999. 23

12. **Kalah Nama*** – V. Ramabrahmam, *Sambhashana Sandeshah*, June,2000, 4

13. **Atma Manah Dhyanam Cha***- V. Ramabrahmam, *Sambhashana Sandeshah*. June 2001, 25

*In Sanskrit Language.

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Telefax: 91-080-23601428
E Mail: nvjoshi@ces.iisc.ernet.in

Prof. N.V. Joshi

Date : 31 Aug 2005

TO WHOMSOEVER IT MAY CONCERN

I am very delighted to write a letter of recommendation for Dr.K.A.Subramanian, who is applying for the post of assistant professor at the School of Life Sciences, Jawaharlal Nehru University.

I had been interacting with Dr.Subramanian since 1998 when he joined Centre for Ecological Sciences, IISc. His doctoral thesis on the stream insect communities of the Western Ghats is highly commendable. His study is very important in understanding the biodiversity of riverine ecosystems and their conservation. He is very analytical and has deep understanding on ecological theory and practice. I should specially comment on his skills in conducting field studies on various groups of organism.

Dr. Subramanian' s enthusiasm and experience for research in widely ranging areas of life sciences is exceptional. His background in clinical microbiology, followed by his work on behaviour, ecology and neurobiology makes him perfectly suited for a department of Life Sciences. He is an excellent teacher and gets along extremely well with his colleagues. His ability for independent thinking, taken together with his ability to function well as a member of a team, would make him a particularly valuable addition to a department.

I am very happy that he is applying for a faculty position at the School of Life Sciences at the Jawaharlal Nehru University. He will fit very well into the atmosphere and association with the department will be exceptionally good both for him as well as the department. I strongly support his application and wish him all success.

Centre For Ecological Sciences
Indian Institute Of Science
Bangalore 560 012, INDIA

Telephone: +91-80-23600985, 22932506, 22932635, 23608661
Fax: +91-80-2360 1428
E-mail: nvjoshi@ces.iisc.ernet.in

Prof. N.V. Joshi

February 11, 2009

To
The Executive Director, USIEF
Fulbright House, 12 Hailey Road
New Delhi 110 001

Dear Madam / Sir

Greetings from Bangalore.

It is a pleasure for me to recommend Dr. P. Pramod for the 2009-2010 FULBRIGHT-NEHRU ENVIRONMENTAL LEADERSHIP PROGRAM (FNELP), as his proven ability, motivation and experience make him ideally suited for this fellowship.

I have known Dr. Pramod for about 15 years. I have had many opportunities to discuss with him work during this period. I was greatly impressed by his ability to successfully interact with a wide spectrum of people - villagers, academicians, government officials, students etc. towards successful implementation of biodiversity related programs.

I have also been in close touch with him and his work after his joining SACON, Coimbatore, since (during my tenure as Chairman, Center for Ecological Sciences, IISc Bangalore) I was an ex-officio member of the Governing Council of SACON, and I continue to be on their Research Advisory Committee. I have been tremendously impressed by his work as Nature Education Officer at SACON, on many fronts.

In fact, of the large number of people of his age group with whom I have come across during the last two decades, I would easily rate him at the very top for his accomplishments. Whether it is research, or teaching to students (from primary school children to University teachers) or documentation of biodiversity at the village level, or designing and implementing large scale programs for generating awareness about biodiversity, conservation, environmental concerns etc., his contributions have been phenomenal. His very maturely and clearly written statement of purpose very well demonstrates why he would be an ideal candidate for the fellowship. His deep understanding of the principles of ecology, of conservation, of biodiversity as well as of the workings of the many institutions and organization together with his ability to get along with a diverse spectrum of people amply demonstrate his potential for leadership.

In summary, I am confident that awarding the fellowship to Dr. P. Pramod will have an exceptionally positive long range impact on him, on his institution, on the City of Coimbatore, and in fact, on the general biodiversity - conservation - environmental education/movement in India. Equally importantly, his long experience of working in this field in many culturally, economically and ecologically diverse places in India will also benefit his host organizations in the United Stated.

N. V. Joshi

Dr. N.V. JOSHI
Centre for Ecological Sciences
Indian Institute of Science
BANGALORE - 560 012, INDIA