

# NPL FORMER SCIENTISTS FORUM

## Minutes of the Get-together of Members of the Forum held in the TEC Conference Room, NPL on 19<sup>th</sup> March 2015 at 10.30 A.M. in Celebration of 12<sup>th</sup> Anniversary of the Forum and HOLI MILAN

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The following Programme for the Get-together and Holi Milan had been notified by Shri G K Arora, the Secretary of the Forum vide his letter dated March 04, 2015 sent to a number of Members of the Forum by ordinary post/ courier, as also by e-mail to those members who could be so contacted through their E-mail IDs. The spouses of the Members of the Forum who had expired or else the Family members of such of those members whose spouses had also expired, were also invited for participation in the Get-together. Invitation was also sent to a few prospective members of the Forum to participate in the programme and also to enroll themselves as members of the Forum.

### PROGRAMME

1. Welcome by the President
2. Passing of Condolence Resolution on the Demise of Shri S N Nangia on 27. 11. 2014
3. Status Report by the Secretary
4. Felicitations of (1) Dr. BM Reddy; (2) Dr. A P Jain; (3) Shri G Govindaswamy ; and (4) Dr. Kailash Chandra as new Members of the 80-Plus Fraternity of the Forum by Dr. Amitava Sen Gupta , Acting Director, NPL
5. Brief Presentations by the New Members of the 80-Plus Fraternity, recalling in particular their association with NPL
6. Address by Dr. Amitava Sen Gupta
7. Any other item with the permission of the Chairman
8. Group Photograph of Members
9. Socializing over a cup of Tea & HOLI MILAN

**Attendance:** The following members had attended the Get-together:

*(Names arranged alphabetically by the Surname)*

1.	<b>Aggarwal</b> , Rajendra Kumar (Dr.)	24.	<b>Halder</b> , Sujit Kumar (Dr.)	47.	<b>Rashmi</b> (Dr. Miss)
2.	<b>Arora</b> , Gyanendra Kumar	25.	<b>Hari Kishan</b> (Dr.)	48.	<b>Saxena</b> , Anil Kishore
3.	<b>Arora</b> , Om Prakash * * *	26.	<b>Harish Chander</b> (Dr.)	49.	<b>Saksena</b> , Rakesh Chandra (Dr.)
4.	<b>Arya</b> , Bhuwan Chandra (Dr.) * * *	27.	<b>Jain</b> , Adeshwar Preshad (Dr.)	50.	<b>Shanker</b> , Virendra (Dr.)
5.	<b>Awasthy</b> , Bal Ram	28.	<b>Jain</b> , Atma Ram (Dr.)	51.	<b>Sharma</b> , Jagdish Chandra (Dr.)
6.	<b>Balraj Singh</b> (Yadav) * * *	29.	<b>Jain</b> , Prakash Chandra (Dr.)	52.	<b>Sharma</b> , Mahesh Chandra (Dr.)
7.	<b>Basu</b> , Amitabha (Dr.)	30.	<b>Jain</b> , Sukhmal Chand (Dr.)	53.	<b>Sharma</b> , Ram Gopal (Dr.)
8.	<b>Batra</b> , Virendra Kumar (Dr.)	31.	<b>Joshi</b> , Kundal Chandra (Dr.)	54.	<b>Sharma</b> , Sham Lal
9.	<b>Bhatnagar</b> , Gopal Krishna	32.	<b>Kakkar</b> , Om Prakash	55.	<b>Sharma</b> , Sushil Kumar
10.	<b>Bindal</b> , Vishwa Nath (Dr.)	33.	<b>Kaushik</b> , Asha Rani (Mrs.)	56.	<b>Sharma</b> , Ved Parkash
11.	<b>Chakraborty</b> , Bibhash Ranjan (Dr.)	34.	<b>Khattar</b> , Dharam Chand	57.	<b>Sharma</b> , Vijay
12.	<b>Chandra</b> , Kailash (Dr.)	35.	<b>Kohli</b> , Nand Kishore	58.	<b>Shastri</b> , Shashikala (Mrs.)
13.	<b>Chandra</b> , Subhash	36.	<b>Kundra</b> , Krishan Dev (Dr.)	59.	<b>Singh</b> , Dharam Pal (Dr.)
14.	<b>Chawla</b> , Santa (Dr. Mrs.)	37.	<b>Lakha Singh</b> (Dr.)	60.	<b>Srivastava</b> , Navin Kumar
15.	<b>Dabas</b> , Raj Singh (Dr.)	38.	<b>Lal</b> , Krishan (Prof.)	61.	<b>Subhash Chander</b>
16.	<b>Das</b> , Bijoy Kishore (Dr.)	39.	<b>Lal</b> , Tripurari	62.	<b>Suri</b> , Anil Kumar
17.	<b>Dhami</b> , Tersem Lal (Dr.)	40.	<b>Manrai</b> , Santosh (Mrs.)	63.	<b>Tagra</b> , Om Parkash
18.	<b>Dhawan</b> , Ramesh Chandra	41.	<b>Marwah</b> , Raksha (Mrs.)	64.	<b>Uppal</b> , Gian Singh (Dr.)
19.	<b>Garg</b> , Rakesh Kumar (Dr.)	42.	<b>Mathur</b> , Rakesh Behari (Dr.)	65.	<b>Verma</b> , Surendra Singh
20.	<b>Garg</b> , Satish Chand	43.	<b>Mittal</b> , Pramod Kumar	66.	<b>Vijayakumar</b> , Devraj Arun
21.	<b>Govindaswamy</b> , G	44.	<b>Mohinder Nath</b>	67.	<b>Virdy</b> , Parvinder Pal Singh
22.	<b>Gupta</b> , Ashok Kumar (Dr.)	45.	<b>Nakra</b> , Deo Raj # # #	68.	<b>Wasan</b> , Ved Parkash
23.	<b>Gupta</b> , Jitendra Kumar (Dr.)	46.	<b>Panwar</b> , Vinay Singh (Dr.)		

\* \* \* **Note:** Shri Om Prakash Arora (Sr. No. 3), D. B C Arya. (Sr. No. 4) and Shri Balraj Singh (Yadav) (Sr. No. 6) attended the function and also enrolled themselves as New Members of the Forum.

# # # It is possible that some other members of the Forum, e.g. Shri Deo Raj Nakra (Sr. 45), had not affixed their signatures on the Attendance Record and their names are not listed above.

**Invitees:** In addition to the above listed members of the Forum the following invitees also attended the Get-together:

1. **Mrs. Asha Chandra** Wife of Dr. Kailash Chandra
2. **Shri R K Manrai** Husband of Mrs. Santosh Manrai
3. **Mrs. Shanti Gupta**, Wife of (Late) Dr. Pramod Kumar Gupta
4. **Mrs. Kamla Srivastava**, Wife of (Late) Shri Krishna Chandra Shrivastava

Mrs. Kamla Srivastava presented the following books authored by Shri Krishna Chandra Shrivastava for the Forum's Library:

1. Avinashi Parikshan, (1976)
2. Handbook of Liquid Penetrant Testing, (1997) (Two Copies)
3. Hand Book of Magnetic Particle Testing, (1998)

The receipt of these books was gratefully acknowledged.

The Following Members had expressed either their inability to attend the meeting or else were abroad;

(Names arranged alphabetically by the Surname)

1.	<b>Bhatnagar</b> , Shashi Lekha (Mrs.)	19.	<b>Phull</b> , Surendra Kumar
2.	<b>Dutta</b> , Hirday Nath (Dr.)	20.	<b>Poddar</b> , Hari Nandan Prasad
3.	<b>Ekbote</b> , Srikant Narayan (Dr.)	21.	<b>Pradhan</b> , Man Mohan (Dr.)
4.	<b>Gera</b> , Bhim Sain (Dr.)	22.	<b>Ram Prasad</b>
5.	<b>Goel</b> , Ramesh Chandra	23.	<b>Ram Swarup</b> (Dr.)
6.	<b>Gupta</b> , Anil Kumar (Dr.)	24.	<b>Rathore</b> , Hazara Singh Abroad
7.	<b>Gupta</b> , Suresh Kumar (Dr.)	25.	<b>Reddy</b> , Borra Madhava (Dr.)
8.	<b>Jain</b> , Kamlesh Kumar (Dr.)	26.	<b>Sarma</b> , Kuchibhatla Subrahmanya Abroad
9.	<b>Jain</b> , Sohan Lal (Dr.)	27.	<b>Saxena</b> , Mithlesh (Mrs.)
10.	<b>Joshi</b> , Shri Krishna (Prof.)	28.	<b>Singh</b> , Devendra
11.	<b>Joshua</b> , T Verghese	29.	<b>Srinivasan</b> , Thirumalai Mappur (Dr.)
12.	<b>Kanjilal</b> , Alok Kumar	30.	<b>Taneja</b> , Pran Nath
13.	<b>Khandekar</b> , Ramakrishna Sitaram	31.	<b>Tanwar</b> , Lakhani Singh (Dr.)
14.	<b>Kothari</b> , Prafulla Chandra (Dr.)	32.	<b>Trehan</b> , Jagdish Chander (Dr.)
15.	<b>Mahesh Chander</b> (Gupta) (Dr.)	33.	<b>Varma</b> , Satya Prakash (Dr.)
16.	<b>Mathur</b> , Harish Chand	34.	<b>Vikram Kumar</b> (Dr.)
17.	<b>Mathur</b> , Sartaj Swaroop (Prof.)	35.	<b>Wadhwa</b> , Rajindar Pal (Dr.) Abroad
18.	<b>Menon</b> , Thottasari Raghavan Kutty		

From among the invitees also the regrets were received in respect to the participation by the following:

1. **Mrs. Prem Mehendru**, *Wife of* (Late) Dr. P C Mehendru
2. **Mrs. Sheela Prakash**, *Wife of* (Late) Shri Prem Prakash
3. **Mrs. Kanak Saxena** *Wife of* (Late) Dr. T K Saxena,
4. **Mrs. Sudesh Suri** *Wife of* (Late) Shri S K Suri

**1. Welcome by the President:** Shri S C Garg, welcoming the Members to the Foundation Day Celebration Get-together, said that keeping in view the fact that it is very cold in January and continues to remain pretty cold during February as well, it had been decided to hold the get-together this year also in March and to celebrate it as HOLI MILAN as well.

Four senior members of the Forum have attained the age of 80 years since the last meeting of the Forum held on 2<sup>nd</sup> August 2014. Shri Amitava Sen Gupta, the Acting Director, NPL will be felicitating them as new members of the 80-Plus Fraternity of the Forum. He will be joining a little later. The new members of the 80-Plus Fraternity have also been requested to give brief presentations, recalling in particular their association with NPL. These presentations are also proposed to be published in the Forum's Newsletter.

He said that this meeting will be starting by paying homage to the memory of Shri S N Nangia who had expired on 27. 11. 2014, as per the next item on the Agenda. After the circulation of the notice for the Get-together it had been learnt from Shri Pankaj Khanna, Son of (Late Shri R K Khanna) that his Mother (Prem Khanna) had also expired on 1<sup>st</sup> February 2015. A condolence resolution on her demise will also be passed at this meeting.

If time permits, it is also proposed to have a presentation on 'Health Tips' from Dr. J C Sharma.

**2. Condolence Resolution on the Demise of Shri S N Nangia and Mrs. Prem Khanna:** The Condolence Resolutions were read out by the Secretary, and after observing two minutes silence, he was advised to send them to the members of their families. Homage was also paid to the Memory of all the Members of the Forum who had expired.

**3. Status Report by the Secretary:** The highlights of the activities of the Forum, which had been presented in the status report circulated to the members in advance (Annexure 'A') were presented by the Secretary.

Among the new additions to the Membership list, Dr. Virendra Shanker, Shri G K Bhatnagar, Shri Anil Kumar Suri, Shri Vijay Sharma, Dr. Rakesh Behari Mathur and Shri Anil Kishore Saxena who were present at the meeting, were specially welcomed with the customary clapping of hands.

It was also decided that the cheque for Rs. 40,500/- which had been contributed by the members may be sent to Ms. Shamali Chakravarty with a suitable covering letter from the Secretary of the Forum as a small token, conveying the best wishes of all the Members of the Forum for a fast recovery of Dr. Bidhan Chandra Chakravarty.

**4. Felicitation of the Four New Members of the 80-Plus Fraternity of the Forum:** The Members were informed about the inability of Dr. B M Reddy to be present. The other three new members of the 80-Plus Fraternity viz. Dr. Adeshwar Preshad Jain, Shri G Govindaswamy and Dr. Kailash Chandra were felicitated by Dr. Amitava Sen Gupta by presentation to each of them their 80-Plus Certificates and Citations and Forum's Memento. While they were being felicitated, their citation slides prepared by Shri V P Wasan were also projected on the screen.

**5. Presentations by the New Members of the 80-Plus Fraternity:** Dr. B M Reddy while regretting his inability to be present at the function had sent his presentation by mail to Shri G K Arora (**Appendix 'I'**). This was read out by Shri Arora and also projected on the screen. Dr. A P Jain and Dr. Kailash Chandra made their presentations. However, Shri Govindaswamy said that he shall send his proposed presentation for publishing it in the Forum's Newsletter.

**6. Address by Dr. Amitava Sen Gupta:** Dr. Sen Gupta, said that "Once a member of NPL you are member of NPL for life". He himself had started his career at NPL way back in 1979 as Scientist 'B'. At the time when Dr. Reddy had joined NPL, the Laboratory enjoyed a hallow around its name and, thanks to the strong foundation built by the members of the NPL Former Scientists Forum as also those who could not enroll themselves as its members, NPL continues to enjoy that status to a large extent.

Talking about the R & D activities of NPL, over the years the programmes undertaken has been changing. Presently this is being carried out under six divisions viz.

1. Physics of Energy Harvesting;
2. Materials Physics & Engineering
3. Radio & Atmospheric Sciences;
4. Time & Frequency Standards;
5. Apex Level Standards & Industrial Metrology; and
6. Quantum Phenomena & Applications .

In regard to the Suggestion made by Dr. Kailash Chandra, for the establishment of a National Standards Programme, with NPL playing the Pivotal role, Dr. Sen Gupta said that NPL is devoting its efforts on establishment of standards based on quantum phenomena. While some Testing & Calibration activity is still continuing at NPL, it is left out for the other organizations to take up to take up this work. This activity dilutes the main activities of NPL.

He said that NPL now maintains highly accurate time standard with an accuracy of about  $10^{-15}$ . Its INSAT time broadcasting service is being widely used and Cs atomic clocks made in the Laboratory are also being supplied to outside agencies.

Referring again to the remarks of Dr. Kailash Chandra regarding a Separate Block for Standards, Dr. Sen Gupta said that this block has been built and the Apex Metrology Lab will be dedicated to the Nation by Dr. Harsh Vardban, Hon'ble Union Minister of Science & Technology and Earth Sciences & Vice President Department of Scientific & Industrial Research on 27<sup>th</sup> April 2015. He invited members of the Forum to visit this Laboratory.

The Radio and Atmospheric Science Division had made very significant contributions under the leadership of Dr. A P Mitra, Dr. Y V Somayajulu, DR. B M Reddy, Shri S C Garg and others and those made by others like Dr. A K Saha. The emphasis has now shifted to activities like atmospheric climatic changes etc.

Dr. Sen Gupta invited the members of the Forum for interaction with the present employees of NPL, and give them the benefit of their expertise as also their experience of association with the Laboratory.

**7. Socializing over a Cup of Tea & Group Photograph:** Dr. R G Sharma, who had recently received Lifetime Achievement Award of the Indian Cryogenics Council, and had also authored a Book on "Super conductivity – Basics and Applications to Magnets" published under Springer Series in Materials Sciences, hosted the Get-together, for meeting the expenses on tea and refreshments. Shri Dharam Chand Khattar also contributed Rs. 100/- for this purpose.

A Group Photograph of Members participating in the function was also taken before they dispersed.

# NPL FORMER SCIENTISTS FORUM

Forum's 12<sup>th</sup> Foundation Day Get-together  
held on 19<sup>th</sup> March 2015 at 10.30 A.M. in the TEC Conference Room, NPL

## STATUS REPORT BY THE SECRETARY

This report attempts to present the highlights of developments that have taken place since the last Forum's Get-together held on 20<sup>th</sup> March 2014 and the present status of the Forum.

**1. Management Committee:** The Management Committee had four meetings during 2014 on 15<sup>th</sup> April, 15<sup>th</sup> July, 24<sup>th</sup> September and 11<sup>th</sup> December.

**2. Area Committees & their Sub-Committees:** The meetings of the various Area Committees and their Sub-Committees [the composition of which had been presented in the Status Report presented at the Get-together held on 20. 03. 2014], were held on the dates indicated below:

*Publications Committee: 15<sup>th</sup> April 2014*

*Photograph Selection Sub-Committee of the Publications Committee: 16<sup>th</sup> September 2014*

*Welfare Committee: 16<sup>th</sup> September 2014*

*Scholarships Committee: 18<sup>th</sup> July 2014 and 18<sup>th</sup> September 2014*

*Tree Plantation Sub-Committee of the Scholarships Committee: 1<sup>st</sup> August 2014*

*Scientific Affairs Committee: No Meeting*

*Superstitions & Myths Committee: No Meeting*

The Highlights of the Working of the various Committees & Their Sub-Committees are presented below:

**2.1. Publications Committee:** As an outcome of the meeting held on 15<sup>th</sup> April 2014 (i) It was decided to approach Five Very Senior Members of the Forum [(1) Shri Swami Nath Segal, (2) Dr. Kanwar Bahadur, (3) Dr. Satya Ranjan Das, (4) Shri K S Sarma and (5) Shri Satish Chandra Vasishth] for interviews with them which may be published in the Forum's Newsletter. To assist them in this task a 10-point out-line was also sent to them for crystallizing their ideas. Out of them only Shri S C Vasishth responded and the interview with him (through e-mail by G K Arora) is ready for publication. (ii) A Sub-Committee with Shri R C Dhawan, Shri Subhash Chander, Dr. P C Jain, Dr. Amitabha Basu, Shri G K Arora, Dr. Hari Kishan and Dr. Pardeep Mohan was constituted for selection of photographs of various activities of the Forum and their titling. (iii) Opening of Forum's own website as also the expected expenditure of Rs. 3,000/- on its maintenance was approved and it was decided to approach Director, NPL for a link to this website on NPL's website. (iv) It was decided to up-date the Forum's Directory incorporating the contact particulars of the Members in the main body of the Directory itself.

Work on compilation of information for the next issue of the Forum's Newsletter and on up-dating of information for the Directory is on hand.

**2.1.1: Photograph Selection Sub-Committee of the Publications Committee:** In the light of the meeting held on 16<sup>th</sup> September 2014, (i) titled photographs of Members of the Forum for printing in passport size, and of (ii) the selected photographs relating to the activities of the Forum for printing in 5"x7"size, have been prepared. Shri Subhash Chander will arrange to get them printed and also arrange for the suitable Albums for them.

**2.2. Welfare Committee:** As an outcome of the meeting held on 16<sup>th</sup> September 2014,

(i) a letter was sent by the Secretary on 1<sup>st</sup> October to Hon'ble Dr. Harsh Vardhan, the then Union Health Minister, Govt. of India relating to Medical Issues of Concern to the Members arising particularly in the context of the OM dated 25<sup>th</sup> August 2014 on the Subject "*Issue of medicines / reimbursement of expenditure on investigations / treatment procedures / implants and other medical devices under CGHS- regarding*" (Enclosed herewith – Please see the last page of this Report). Members will be happy to learn that this OM has been withdrawn vide OM No. 2-2/2014/ CGHS(HQ)/PPTY/ CGHS(P) dated 13<sup>th</sup> March 2015 which reads as under:

*"With reference to the above subject, the undersigned (Sunil Kumar, Under Secretary to the Government of India – Tel: 23061436) is directed to state that the situation arising out of issue of Office Memorandum No. 2-2/2014/CGHS(HQ)/PPTY/ CGHS(P) dated 25<sup>th</sup> August, 2014 has been engaging the attention of Government for quite some time. Although the guidelines were modified subsequently vide Office Memorandum of even number dated 01.10.2014 and 23. 12. 2014, this Ministry is in receipt of representations seeking clarifications. The matter has been reviewed and it has been decided to withdraw the OM of even number dated 25. 08. 2014."*

(ii) In the light of the introduction of Cashless Facility in respect of CGHS Beneficiaries of CSIR in respect of some hospitals, the issue was referred again to Director, NPL (vide a letter dated 29<sup>th</sup> September 2014 from the Secretary), for reconsideration of the proposal of introducing it in respect of CGHS beneficiaries of NPL. Following the notification of the new list of Health Care Organizations vide OM dated 01. 10. 2014 (Proposed to be reported in the next issue of the Forum's Newsletter), a revised list of hospitals (excluding those which were not included in the new list) was sent by the Secretary to Director, NPL, vide his letter dated 9<sup>th</sup> October 2014. There has been no response so far.

Dr. Hari Kishan, Convener of the Committee, has got spare copies of the keys for the Room allotted to the Forum, as also of the main door of the Force Standards Annex made, to enable accessing the room. He has also got an Air Conditioner installed in the room.

**2.2.1:** The following members had agreed to take up the responsibility to serve as Geographical Area Coordinators:

- |                       |                         |                             |                    |                      |
|-----------------------|-------------------------|-----------------------------|--------------------|----------------------|
| 1. Dr. R K Aggarwal   | 2. Dr. Amitabha Basu    | 3. Shri T K Chakravarty     | 4. Shri G P Dixit  | 5. Shri A C Gupta    |
| 6. Dr. Ashok K Gupta  | 7. Dr. S K Gupta        | 8. Dr. S K Halder           | 9. Dr. P C Jain    | 10. Dr. S L Jain     |
| 11. Shri A K Kanjilal | 12. Mrs. Santosh Manrai | 13. Shri R L Mendiratta     | 14. Dr. V S Panwar | 15. Shri V K Rustagi |
| 16. Dr. R C Saksena   | 17. Shri S K Sharma     | 18. Mrs. Shashikala Shastri | 19. Shri S S Verma | 20. Shri V P Wasan   |

Copies of the tentative list of members/ prospective members prepared by the Secretary, for undertaking the following responsibilities were provided to them:

- (i) Distribution of copies of the Forum's Newsletter and other Publications of the Forum;
- (ii) Mobilizing participation in meetings of the Forum;
- (iii) Reaching out to other prospective members of the Forum for enrolling them as members;
- (iv) Periodical socializing among members in the area enquiring about their welfare; and
- (v) To help the Secretary in up-dating the contact particulars of the Members/ Prospective Members of the Forum regarding any changes in (a) Residential Address, (b) Contact Numbers; (c) E-mail IDs, (d) CGHS Card Number, and (e) CGHS Wellness Centre Number.

While it had been possible to accommodate most of the Members/ Prospective Members in these lists, a number of others had yet to be accommodated. Shri S S Verrma had undertaken the responsibility of being the overall coordinator. Some adjustments also, however, need to be made in view of the difficulties subsequently posed by Dr. P C Jain and Dr. R K Aggarwal.

**2.3. Scholarships Committee:** At the meeting held on 18<sup>th</sup> July 2014 Prof. R C Budhani nominated Dr. S T Lakshmikummar and Dr. Chhemendra Sharma from NPL as members of the Sub-Committee constituted for an Annual Award of Rs. 5,000/- by the Forum for the Best Popular Science Paper Published in Vigyan Pragati. From the side of the Forum, Dr. V N Bindal, Shri S C Garg, Shri V P Wasan, Convener and Dr. V S Panvar Co-Convener of the Sub-Committee were named as members of this Sub-Committee. At the subsequent meeting held on 18<sup>th</sup> September, 2014, Dr. V N Bindal was named as the Chairman of this Sub-Committee, and A O, NPL was requested to arrange for copies of Vigyan Pragati for the members of the Committee. Action in this regard is being taken.

At the meeting held on 18<sup>th</sup> July 2014, it was also decided to plant 20 trees in Honour/ Memory of persons who had significantly contributed to the growth of NPL as a part of the Independence Day Celebrations of the Laboratory on 15<sup>th</sup> August 2014.

At the meeting held on 18<sup>th</sup> September 2014, the Committee approved the list of Awardees for the various Scholarships & Awards – 2014, which were subsequently awarded by Prof. R C Budhani, Director, NPL on 29<sup>th</sup> September 2014, as a part of the CSIR Foundation Day Celebrations at NPL.

**2.3.1 Tree Plantation Sub-Committee of Scholarships Committee:** Trees were planted in Prof. A R Verrma Lawn (in front of the NPL Auditorium) in honour/ memory of the following persons under the joint programme between NPL and the Forum in the sequence indicated by their serial numbers, as a part of the NPL's Independence Day Celebrations:

- |                        |                       |                         |                          |                      |
|------------------------|-----------------------|-------------------------|--------------------------|----------------------|
| 1. Dr. Kailash Chandra | 2. Dr. Anil K. Gupta  | 3. Shri S.C. Garg       | 4. Dr. P Bannerjee       | 5. Shri . K.S. Sarma |
| 6. Shri S.K. Suri      | 7. Dr. K.C. Nagpal    | 8. Dr. M.N.M. Rao       | 9. Dr. S. V. Gupta       | 10. Shri V. P. Wasan |
| 11. Dr. J.K. N Sharma  | 12. Dr. S.P. Singal   | 13. Dr. B.M. Reddy      | 14. Dr. A. P. Jain       | 15. Shri R.C.Soni    |
| 16. Shri G. K. Arora   | 17. Shri R. C. Dhawan | 18. Shri J. N Chaudhary | 19. Shri M. K. Das Gupta | 20. Dr. O. P. Bahl   |

The programme was inaugurated by Prof. R C Budhani by planting the First Tree. With this, 71 trees have so far been planted under this programme.

**3. Meetings of the Forum:** In addition to the Forum's Meeting held on 27<sup>th</sup> May 2014, at which the Auditor's Report for the Financial Year ending 31. 03. 2014 was approved and Prof. Sartaj Swaroop Mathur and Shri Ved Parkash Wasan presented their life's experiences, one more meeting of the Forum was held on 22<sup>nd</sup> August 2014 at which Shri A R S Vashisht and Shri R S Khandekar were felicitated as new Members of the 80-Plus Fraternity of the Forum by Prof. Krishan Lal. At that meeting Shri R C Dhawan also gave a presentation on acupuncture.

**4. Contributory Family Get-together:** A contributory Family Get-together was held on 5<sup>th</sup> November 2014 – Dewali Get-together. Contribution of Rs. 150/- per head was made by the participants Dewali falling on 12<sup>th</sup> November 2015, another similar Get-together is being planned tentatively for Wednesday the 15<sup>th</sup> November 2015.

## Other Highlights of this Report

**5. Membership of the Forum:** Since the Foundation Day Get-together held on 20<sup>th</sup> March 2014, the membership of the Forum has increased by 18, with the addition of (1) Shri T V Joshua, (2) Dr. (Mrs.) Kiran Jain, (3) Shri Vishwa Deepak Arora (4) Shri N Narayanaswamy, (5) Dr. Virendra Shanker, (6) Shri C S Prasanna Kumar, (7) Shri Gurmukh Singh, (8) Shri G K Bhatnagar, (9) Shri Anil Kumar Suri, (10) Dr. (Ms.) Jyoti Lata Pandey, (11) Prof. Govind Swarup, (12) Dr. Bidhan Chandra Chakravarty, (13) Shri Vijay Sharma, (14) Shri Mange Ram (15) Dr. Rakesh Behari Mathur, (16) Shri Kuldeep Kaushik. (17) Shri Ramesh Panjwani and (18 ) Shri Anil Kishore Saxena Enrolment of some more members at this Get-together is also envisaged.

What is significant to note is that Shri N Narayanaswamy, Shri C S Prasanna Kumar and Prof. Govind Swarup, who are not staying in Delhi or NCR, have also enrolled themselves as Members of the Forum. Prof. Govind Swarup had been associated with NPL from 10<sup>th</sup> July 1950 to 15<sup>th</sup> February 1953.

Dr. Bidhan Chandra Chakravarty's Membership, who is in a state of coma, was done at the initiative of Prof. Vikram Kumar at whose initiative an amount of Rs. 40,500/- had been collected as Benevolent Fund to be sent to his sister for meeting expenses on his treatment. Prof. Vikram Kumar had also paid his membership fee of the Forum.

With the addition of these new Members, the Number of Members on the Rolls of the Forum now stands at **313** (Including the Five Patrons - (1) Prof. A R Verma, (2) Dr. A P Mitra, (3) Prof. S K Joshi, (4) Prof. E S R Gopal and (5) Prof. Krishan Lal who had not been assigned any Membership Number, and Excluding (1) Shri G S Bhamra, (2) Shri Damodar Prasad, (3) Shri J S Dhama, (4) Shri Didar Singh, (5) Shri M C Jusht (6) Shri H S Kalsi, (7) Sh H K L Kapur, (8) Shri S Parthasarathy, (9) Sh Jitendra Rai, (10) Shri S K Sharda, (11) Dr. J S Vaishya and (12) Shri M K Malik) – the 12 Members whose names had been removed from the Membership List of the Forum).

During this period, however, the strength of the Forum also registered a decrease with the demise of Shri Subodh Kumar Singhal, Shri Satish Chandra Vasishth, Dr. Kanwar Bahadur, Shri Shiva Gopal Tewari, Shri Janki Nath Chaudhary and Shri Shiv Nandan Nangia.

**6. 80-Plus Fraternity:** With the addition of (1) Dr. Borra Madhava Reddy, (2) Shri G Govindaswamy, (3) Dr. Adeshwer Preshad Jain and (4) Dr. Kailash Chandra to the List as New Members of the 80-Plus Fraternity at this Get-together, the total number of members of the 80-Plus Club since the formation of this Club on 16<sup>th</sup> March 2009, stands increased to **58**.

**7. Members who have Departed:** The following **16** members of the 80-Plus Club (Names arranged in the descending order of their Dates of Birth), have expired subsequently:

- |                      |                        |                       |                         |
|----------------------|------------------------|-----------------------|-------------------------|
| 1. Shri Dev Kumar    | 2. Dr. (Mrs.) S Z Ali. | 3. Dr. Kanwar Bahadur | 4. Shri Shiv Nath       |
| 5. Shri S C Vasisth  | 6. Prof. S C Jain      | 7. Shri S K Suri      | 8. Shri M K Balchandani |
| 9. Shri J N Ojha     | 10. Shri K K Datta     | 11. Shri Dewan Singh  | 12. Shri Inder Bhan     |
| 13. Dr. V D P Sastry | 14. Shri J N Chaudhary | 15. Shri R K Khanna   | 16. Shri S G Tewari     |

In addition another **15** members had expired before the formation of this Club. They (Names arranged in the descending order of their Dates of Birth), were:

- |                        |                        |                             |                           |
|------------------------|------------------------|-----------------------------|---------------------------|
| 1. Shri Mulk Raj Verma | 2. Shri Prem Prakash   | 3. Shri Baij Nath Upadhyaya | 4. Prof. A R Verma        |
| 5. Dr. A F Chhapgar    | 6. Shri K C Srivastava | 7. Dr. P C Mehendru         | 8. Dr. A P Mitra          |
| 9. Dr. T K Saksena     | 10. Dr. P K Gupta      | 11. Shri Jagdish Lal Sota   | 12. Dr. Jagdish Raj Anand |
| 13. Shri S D K Chopra  | 14. Dr. V S Tomar      | 15. Shri A K Agarwal        |                           |

The strength of the Forum has further decreased with the demise of the following **13** members before attaining the age of 80 after the formation of the 80-Plus Club: They (Names arranged alphabetically by the Surname) are:

- |                                |                               |                             |
|--------------------------------|-------------------------------|-----------------------------|
| 1. Dr. Chhotey Lal             | 2. Dr. V D Dandawate          | 3. Mrs. Urmil Dhawan        |
| 4. Shri Surinder Mohan Khullar | 5. Shri Kishan Lal            | 6. Dr. Padam Lal Malhotra   |
| 7. Shri S N Nangia             | 8. Mrs. Veena Roonwal         | 9. Shri Ravi Shankar Sharma |
| 10. Dr. Surjeet Kumar Sharma   | 11. Shri Subodh Kumar Singhal | 12. Shri Sudarshan Kumar    |
| 13. Shri Chiranjil Lal Verma   |                               |                             |

At this Get-together, all the Members of the Forum who have unfortunately expired are remembered through participation of their spouses, and in the event of the spouses also having expired, some other member of the Family to represent them.

The expiry of the above **44** members, the effective strength of the Forum stands reduced to **269**.

**8. A P Mitra Memorial Lecture:** The First A P Mitra Memorial Lecture was delivered by Prof. Govind Swarup on 16<sup>th</sup> June 2014 – the International Ozone Day. For this lecture, Director, NPL had constituted an organizing Committee under the Chairmanship of Dr. Amitava Sen Gupta, with Shri S C Garg and Dr. V N Bindal representing the Forum on this Committee.

The Second A P Mitra Memorial Lecture is proposed to be held on Wednesday, the 16<sup>th</sup> June 2015. In the light of the experience of organizing the First Lecture, it has been decided by the Management Committee that the Forum should have its own organizing committee also. Members are requested to volunteer themselves to be members of this Committee. Suggestions are also solicited for the name of the person who may be approached for delivering that lecture. Contributions for a Fund for having this Lecture as an annual feature on the interest earned thereon are also invited.

**9. Renewal of CGHS Cards:** To facilitate the renewal of CGHS Cards for the periods 01. 07. 2014 to 30. 06. 2015 and 01. 01. 2015 to 31. 12. 2015, the Up-dated Membership List of the Forum giving information about the CGHS Card Numbers of the Members and their due validity was also provided to the E-I Section, NPL. As the Money Drafts for the pensioners who have already paid their full (10-Years) contribution are being sent by NPL by Speed Post to the Members in advance of the expiry of the dates of validity of their Cards, it is requested that the Secretary may be kept informed in this regard for up-dating this information. The new members of the Forum who are also CGHS Beneficiaries are requested to provide information about their CGHS Card Numbers and the Dispensary (welfare Centre) Numbers at which they are registered, for incorporation in the Membership List.

Dated: the 25th August , 2014

OFFICE MEMORANDUM

Sub: *Issue of medicines / reimbursement of expenditure on investigations / treatment procedures / implants and other medical devices under CGHS- regarding*

With reference to the above mentioned subject the undersigned is directed to state that this Ministry has examined the matter in detail and with a View to streamlines the procedures regarding issue of medicines, reimbursement of expenditure on investigations, treatment procedures, implants and medical devices and with a View to plug the loopholes in the system, it has now been decided that:

- a) CGHS shall supply / indent only those medicines, which are included in the CGHS formulary, except for para (b) below. However, for medicines prescribed outside formulary, medicines with identical formulations and /or similar therapeutic effect may be supplied from CGHS formulary against such medicines. CGHS formulary containing 1447 generic and 622 branded medicines is available on CGHS Website at <http://msotransparentnic.in/cghsnew/index.asp>
- b) Anti Cancer and other similar medicines are however supplied on a case to case basis. Only the medicines approved by DCGI for use in India shall be supplied. In case an Indian version is available, which is cheaper than the imported medicine, only the Indian medicine shall be supplied even if, an imported medicine has been prescribed.
- c) Medicines shall be supplied for a maximum period of one month.
- d) In case of CGHS beneficiaries going abroad, issue of medicines shall be restricted for a maximum period of three months.
- e) CGHS shall hereinafter allow only the listed investigations / treatment procedures for which there are prescribed CGHS rates, to be under taken in CGHS empanelled diagnostic centres and hospitals.
- f) Similarly, only listed implants / medical devices with a CGHS prescribed ceiling rate shall be permitted for treatment / reimbursement under CGHS.
- g) In those cases where any unlisted investigation / treatment procedure is undertaken the reimbursement shall be limited to the rate of nearest similar investigation / treatment procedure under CGHS. Addl. Director of the city /zone shall take a decision based on justification in such cases, in consultation with experts in the field, if necessary.
- h) In those cases where any unlisted implant / device is installed reimbursement shall be limited to the CGHS rate of nearest similar implant / device. Addl. Director of the city / zone shall take a decision based on justification in such cases in consultation with experts in the field, if necessary.
- i) Registration of Mobile number with CGHS has been made compulsory as a guard against misuse of CGHS Card.
- j) In order to provide a mechanism to update the investigations / treatment procedures / implants , etc., as an ongoing process , a Technical Committee is being constituted to consider inclusion / exclusion of investigations /treatment procedures / implants , etc., under CGHS.

sd/-

(RAVI KANT)

Under Secretary to Government of India

011-2306 1441

**PLEASE NOTE:** The above Office Memorandum has been **withdrawn**  
vide Office Memorandum of Even Number dated 13<sup>th</sup> March 2015

# Dr. B M Reddy

Presentation at the Foundation Day Get-together on 19. 03. 2015

(Ref: E-Mail Dated 16. 03. 2015 to Shri G K Arora)

I will be brief and structure my write-up to be unpretentious, but without being too pedestrian. I joined NPL (My first and last job) in April 1967, soon after my return from USA. But my family reached Delhi only in late July. After sorting out the then serious problems with Ration cards, Milk Tokens (DMS) etc., we turned our attention to secure school admissions to our children. We were immediately looking for admissions in to Class I and into Prep. Everybody suggested Springdales School. When I approached the Principal of the local East Patel Nagar Branch, she cryptically told me that the admissions are closed and that there is absolutely no chance what-so-ever. I was in dire straits. The next day I went to the main branch to meet the Principal, Mrs. Kumar without an appointment. I was ushered into a small office with just two assistants sitting and having tea. I tried to plead my case with the senior of the two, one Mr. Gupta by dropping in some catch words like USA, Washington DC, NASA etc and trying my best to impress him.

That is when Luck smiled on me and Mrs. Kumar entered the room and ordered “Mr. Gupta, he is a scientist from NPL, and you know that NPL children are our biggest assets. Give them admission and ask the children to report to the class from tomorrow!” I was pleasantly surprised and realised that NPL indeed has a Halo around it and complimented myself for joining such an institution.

I think it was in the late 1970s, when Delhi was hit by a very severe power shortage. Our experiments were mainly located in the RSD’s Hutment which had no generator support. Drs. A. K. Saha and M. N. M Rao were complaining that they are not able to operate even the most preliminary experiments. I and Dr. Mitra fixed up an appointment with the chief Engineer of DESU, but at the last moment, Dr. Mitra got busy with something else, and I proceeded to fight the lone battle. When I eventually met the chief-Engineer who was a very stern-looking Sikh Gentleman, I noticed how his stance mellowed into a very courteous demeanour as soon as he realised that I was from NPL! He asked me what we manufacture in NPL! I said we write lot of research papers and documents to help people in communications, measurements, solar energy harvesting etc. He was not impressed. Then I told him that we are planning to make diamonds from coal! He went gaga after that and gave telephonic instructions to his staff to spare NPL from deep power cuts. When I returned to NPL, Dr. A. R. Verma called me to thank me profusely. I was ecstatic, but the ecstasy was short-lived as the CE was transferred within three months and the power cuts resumed.

The fact that the very mention of NPL puts you on a pedestal was true all through the country and I hope it IS so even now! Almost nobody who enters NPL as a scientist ever leaves NPL for greener pastures. NPL scientists often live like sessiles permanently holding dearly to the glamour and glory of NPL in which they are happily ensconced. I have noticed how enthroned they feel when they are introduced as a scientist from NPL in any social circuit and it is that pride that compensates for any other incongruities in service conditions.