

NPL FORMER SCIENTISTS FORUM

Minutes of the Fortieth Meeting of the Management Committee

held on Wednesday, the 24th September 2014 at 10.30 A.M.

in the TEC Conference Room, NPL

The following Agenda for the meeting had been notified by Shri G K Arora, the Secretary of the Forum to the members and invitees, vide his letter dated 16. 09. 2014, sent to Shri P K Mittal and Shri R C Dhawan by post and to the others by e-mail. Additionally, copies of this notice were sent to Shri S C Garg, Dr. V S Panwar, Dr. P C Jain and Dr. V N Bindal by post also. Copies of it were also placed on the table at the time of the meeting.

Agenda

1. Welcome and Introductory Remarks by the President.
2. Confirmation of the Minutes of the Management Committee Meeting held on 15th July 2014.
3. Follow-up Action on the decisions taken at the Meeting of the Management Committee held on 15th July 2014.
4. Status Report by the Secretary.
5. Induction of New Members to the Forum.
6. Status Reports by the Area Committees.
 - 6.1 Publications Committee
 - 6.2 Welfare Committee
 - 6.3 Scientific Affairs Committee
 - 6.4 Superstitions & Myths Committee
 - 6.5 Scholarships Committee.
7. Institution of the Annual Award for the Best Popular Science Paper published in Vigyan Pragati and constitution of the Award Committee.
8. Resolutions for opening of New Fixed Deposits Accounts with the Syndicate Bank, NPL, New Delhi.
9. Dewali Family Get-together on 5th November 2014.
10. Any other Item with the Permission of the Chair.

Minutes of the Meeting

Attendance: The following attended the meeting

1. Shri S C Garg	President
2. Dr. V S Panwar	Joint Secretary
3. Shri Tripuirari Lal	Treasurer
4. Dr. P C Jain	Member
5. Shri S S Verma	Member
6. Dr. R K Garg	Member
7. Dr. Pardeep Mohan	Member
8. Shri P K Mittal	Member
9. Shri V P Wasan	Member
10. Dr. S L Jain	Member
11. Dr. Hari Kishan	Member
12. Shri H R Mehta	Member
13. Dr. Mahesh Chander	Invitee
14. Shri Subhash Chander	Invitee
15. Shri G K Arora	Secretary

Dr. S K Halder, Dr. Ashok Kumar, Dr. Amitabha Basu, Mrs. Shashikala Shastri and Shri R C Dhawan (from among the members), and Prof. Vikram Kumar, Dr. Kailash Chandra, and Dr. V N Bindal (from among the invitees) had regretted their inability to attend. Mrs. Santosh Manrai who was learnt to be abroad and Dr. R B Saxena (Members, MC) did not attend the meeting.

1.Introductory Remarks by the Chairman: Welcoming the members to the meeting, Shri S C Garg said that since the last meeting of this Committee two major activities had taken place apart from the Forum's meeting held on 22. 08. 2014. This included Tree Plantation on 15. 08. 2014 and the First Dr. A P Mitra Memorial Lecture by Prof. Govind Swarup on 16. 09. 2014 for which efforts were being made for quite some time but which was getting delayed for one reason or the other. In fact, the decision on holding this lecture had also got delayed and it could not be well publicized, with the result that while refreshment arrangement for 450 persons had been made, the number of participants at the lecture was more than 370 but much less than the expectation. He, however, was hopeful that this lecture will become an annual feature and will be arranged in a much better manner in future. The members were also informed about the Video Coverage of the lecture at the cost of Rs. 3,000/- to the Forum which had also been made, and that Shri Subhash Chander whose help had been taken in organizing this had also been invited to the meeting so that the video casset could also be played at the meeting. In addition, Dr. Mahesh Chander had also been invited to present a proposal on Drinking Water – Quality Assurance Programme, which he has been working on for exploring the possibility of its funding through the Forum.

Shri Garg said that deliberation on the items on the Agenda notified for this meeting will be taken up after passing a condolence resolution on the demise of Shri S C Vasishth on 3rd September 2014.

2. Condolence Resolution on the Demise of Shri S C Vasishth: The Secretary read out the Condolence Resolution, where after the members observed two-minute silence to pay their homage to the Memory of Shri S C Vasishth. A photograph of his was also projected on the

screen, and a write-up on him, drafted by Sheri G K Arora for publication in the next issue of the Forum's Newsletter was also circulated for inviting suggestions for additions/ changes therein.

3. Confirmation of the Minutes of the Management Committee Meeting held on 15th July 2014: The Minutes of that meeting, had been circulated by the Secretary to the Members and Invitees vide his letter dated 28. 07. 2014, inviting comments by 12th August 2014. The minutes of the meeting, as also the comments by Dr. Vikram Kumar and Dr. Ashok Kumar, along with the action taken thereon, were placed before the members at the time of the meeting.

The Minutes of the meeting were confirmed.

4. Follow-up Action on the decisions taken at the Management Committee Meeting held on 15th April 2014: The Committee noted the follow-up action taken as reported by the Secretary in his Status Report.

5. Status Report by the Secretary: The salient points of the Status Report (Annexure 'A') were briefly presented by the Secretary.

6. Induction of New Members to the Forum: The Committee approved the induction of Shri G K Bhatnagar, Shri Anil Kumar Suri, Dr. (Ms.) Jyoti Lata Pandey, Dr. Govind Swarup, Dr. B C Cakravarty, Shri Vijay Kumar Sharma and Shri Mange Ram as seven new members of the Forum.

7. Status Report by the Publication Committee: The Report on the Photograph Selection Committee Meeting (Sub-Committee of the Publications Committee), held on 16. 09. 2014 at 11.00 A.M., which had already been circulated as Appendix '2' to the Status report by the Secretary, was approved for further necessary action.

8. Status Report by the Welfare Committees: Dr. S L Jain presented the Report of the meeting held on 16. 09. 2014 at 2.00 PM (Appendix '3'). In regard to the Forum's Room, Dr. Hari Kishan informed that he was trying to explore various possibilities to make it operational. It was also decided that Director, NPL may again be approached in writing by the Secretary to provide cashless facilities in respect of the select number of hospitals which had been identified earlier by the Committee on geographical area basis, referring to the cashless Facility introduced by CSIR Head Qrs. As for the draft letter to Dr. Harsh Vardhan (Not reproduced), it was felt that it should be recast with emphasis on issues relevant to CGHS Pensioner Beneficiaries of Autonomous Bodies for which action may be taken jointly by the Dr. Hari Kishan and Shri G K Arora.

9. Status Reports by the Scientific Affairs Committee and the Superstitions & Myths Committee: As Dr. Vikram Kumar, Dr. Kailash Chandra and Dr. Amitabha Basu had regretted their inability to participate in the meeting, no reports on these Committees were available.

10. Status Reports by the Scholarships Committee: Shri V P Wasan presented the Report of the meeting of the Committee held on 18. 09. 2014 (Appendix '4') which was approved with the modification that had been suggested by Dr. V N Bindal and incorporated at the end. The Committee also welcomed the contribution of Rs. 1,00,000/- by Dr. Virendra Shankar for institution of Dr. Ram Naresh Lal Scholarship to encourage the Study of Science in XI and XII classes, which he made at the time of the meeting.

11. Institution of the Annual Award for the Best Popular Science Paper published in Vigyan Pragati and constitution of the Award Committee.: The Committee endorsed the decision of the Scholarships Committee for institution of an Annual Award and the composition of the following Sub-Committee for the same:

Dr. V.N. Bindal	Chairman
Sh. S.C. Garg	Co-Chairman
Dr. P.C Jain	Member
Dr. S T Lakshmikummar	Member
Dr. Chhamendra Sharma	Member
Dr V.S Panwar	Co-Convener
Shri V.P. Wasan	Convener

12. Resolutions for opening of New Fixed Deposits Accounts with the Syndicate Bank, NPL, New Delhi: It was noted that as per an earlier resolution a Premium Account, which also provides the flexibility of use as a Savings Bank Account had already been opened with the Syndicate Bank NPL, and the individual saving Funds Accounts for the various Scholarships & Awards had already been closed and their funds transferred to this account. It was resolved that the closure proceeds of all the individual Fixed Deposit Accounts for the various Scholarships & Awards will be credited to this Premium Account and no new such fixed deposit accounts will be opened in future.

13. Dewali Family Get-together on 5th November 2014: The Members noted that contributions from 19 persons had already been received for this Get-together. They were requested to make this a success. Shri P K Mittal was provided by the Secretary the list of persons who had already made their contributions as also the other likely participants as per the response that he had received to the notification of this Get-together along with the Agenda for the Forum's Meeting held on 22. 08. 2014.

14. Drinking Water – Quality Assurance Programme: Dr. Mahesh Chander presented the outline of the Project Proposal (Appendix '5') to explore the possibility of its being taken up through the NPL Former Scientists Forum. It was felt that as the members of the Forum were all scattered and old, they may not be able to effectively participate in the programme which would involved trips outside Delhi also unless, it was lucrative enough. Further, the Forum would also like to know about the benefit that it could draw from it, before any decision could be taken in this regard.

The meeting ended with the screening of the Video Recording of Dr. A P Mitra Memorial Lecture and vote of thanks to the chair.

STATUS REPORT BY THE SECRETARY

(Ref: Agenda Item 4)

In addition to the items on the Agenda which had been circulated, this meeting is proposed to be started by passing a Condolence Resolution in respect of Shri S C Vasishth who left for his heavenly abode on 03. 09. 2014.

1. Thirty-Ninth Meeting of the Management Committee (Ref: Agenda Item 2): The Minutes of the Thirty-Ninth Meeting of the Management Committee held on 15th July 2014, (as approved by the Chairman), had been circulated by the Secretary vide his letter dated 28th July 2014 by post (as also by e-mail to those who could be so contacted), inviting comments by 12th August 2014. The following comments were received:

Membership of Dr. B C Chakravarti

Dr. Vikram Kumar: I do hope that the Forum will consider favourably my suggestion for making Bidhan a member without him applying for it. A membership of the Forum will be useful for Bidhan's family in giving them a link to NPL where he spent most of his life. This psychological support will go some way in helping them and Bidhan.

As for the funds for Bidhan Chakravarty, I have not contributed to this effort financially. I will like to give Rs 1000. Perhaps this can be used as his fee for making him a member of the Forum.

Action Taken: This was brought to the notice of the members at the Forum meeting held on 22. 08. 2014. In view of the very exceptional circumstances, the suggestion of Prof. Vikram Kumar, and his offer to pay Rs. 1,000/-towards his Membership Fee of Dr. B C Chakravarty was welcomed for processing. Prof. Vikram Kumar has subsequently paid this money in cash to the Secretary. The issue forms a part of the **Agenda Item 5** of the meeting.

Institution of an Annual Award for the Best Paper published in Vigyan Pragati

Dr. Ashok Kumar: This was discussed in the MC at length for more than 15 minutes. Honestly, salient features of the discussion should have been written in the MOM.

Mr. SC Garg, chairing the meeting, observed that one should proceed further only after getting written consent from the Director, NISCAIR.

During the meeting, it was questioned if a third party can decide the merit of the publications in a magazine. Vigyan Pragati is a publication of CSIR. Therefore, it is only and only CSIR who can decide the merit of publication in Vigyan Pragati. CSIR will form its own committee, if it wants to institute such an award. They may or may not ask FSF to send their representative in such a committee.

Dr. Vikram Kumar: I believe that Dr Ashok Kumar has raised an important point.

Indeed, I had earlier suggested that Dir NISCAIR must be involved in this decision to award the best paper only from this perspective.

In an earlier mail I have also wondered how giving this type of award for best paper in Vigyan Pragati will satisfy the goals and objectives of FSF. I personally believe that FSF should not be instituting such an award. Dir NISCAIR has not answered your letter and most likely it will not be answered.

The MC may like to consider dropping the proposal for this award from future discussions.

Action Taken: The issue was placed before the Forum at its meeting held on 22. 08. 2014. Members were informed that this issue had been discussed by the Management Committee at its meeting held on 15. 07. 2014, as also about the above comments on the Minutes of that Meeting. It was decided that as the proposal had been initiated by the Scholarships Committee, the decision in this regard may be taken by that committee at its next meeting which had already been scheduled to be held on 18. 07. 2014.

At that meeting of the Scholarships Committee chaired by Prof. R C Budhani, Director, NPL, it was decided not to wait for a response to the letter dated 27. 05. 2014 which had been sent by the Secretary to the Acting Director, NISCAIR in this regard, and to initiate the Award. For this, Prof. Budhani, nominated Dr. S T Lakshmikumar and Dr. Chhemendra Sharma to be members of the Award Committee from the side of NPL, and suggested Dr. V N Bindal and Shri S C Garg as Members from the side of the Forum. The issue is placed before the Committee as **Item 7 of the Agenda**.

In view of the action already taken no action on modification of the minutes of the meeting held on 15. 07. 2014 is required. These minutes are placed on the table for confirmation.

2. Follow-up Action on the Decisions taken at the above Meeting (Ref: Agenda Item 3): The following are the highlights of the follow up action taken:

Dr. A P Mitra Memorial Lecture: The decision for the First A P Mitra Memorial lecture by Prof. Govind Swarup on 16. 09. 2014 – World Ozone Day, (which had been suggested by Dr. S L Jain), was taken and this lecture was delivered in the NPL Auditorium on that day at 3.30 P.M. As there was some delay in finalizing the invitation card for this lecture, it was not possible for hard copies of it

to be circulated to all the members of the Forum. However, the members whose e-mail IDs were available were sent this invitation by the Secretary. Further, a copy of the up-to-date Cut-and-Paste List of Members of the Forum was also sent to Dr. Amitava Sen Gupta, the Chairman of the Organizing Committee for sending invitation card by post. As a lunch with Prof. Govind Swarup was also planned on 16th September, a select list of members, including (1) Patrons of the Forum, (2) Members of the Management Committee, and (3) Members of the Forum who had been associated with the Radio and Space Science activities was also sent to him for inviting them for lunch also. An advance of Rs. 40,000/- was also given to him as the Forum's contribution for meeting the expenditure on the Lecture. It was also decided to have a video coverage of the lecture from out of the Forum funds, in anticipation of its approval by the Management Committee.

Benevolent Fund: A total of Rs. 40,500/- have been collected through voluntary contributions for Dr. B C Chakravarty Fund. Prof. Vikram Kumar has been requested to indicate in whose name the cheque may be drawn for remitting this amount.

3. Induction of New Members to the Forum (Ref: Agenda Item 5): Induction as New Members of the following is proposed:

Sr. No.	Name & Date of Birth	Amount Received	Last Post Held	Remarks
1.	Shri G K Bhatnagar [18. 08. 1948]	Rs. 1,000/- (Cash)	Chief Controller of administration	Transferred to CSIR Complex, Delhi in April 2003
2.	Shri Anil K Suri [13. 07. 1954]	Rs. 1,000/- (Cheque)	Principal Technical Officer	Retired with effect from 31. 07. 2014
3.	Dr. Jyoti Lata Pandey [27. 07.19 54]	Rs. 1,000/- (Cash)	Chief Scientist	Retired with effect from 31. 07. 2014
4.	Prof. Govind Swarup [23. 03. 1929]	Rs. 1,000/- (Cash) to Shri S C Garg	Junior Scientific Officer	Left for USA in August 1956
5.	Dr. B C Chakravarti [02. 08. 1952]	Rs. 1,000/- (Cash) Paid by Prof. Vikram Kumar	Scientist 'F'	Voluntary Retirement on Medixcal Grounds

Out of the above, the Membership Form in respect of Dr. B C Chakravarti is awaited. Some more prospective members, have also been approached for enlisting as members of the Forum, and if their membership forms are received before the meeting, the same shall also be placed before the Committee for approval.

4. Tree Plantation on 15. 08. 2014: Trees were planted 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. A report on this is attached (**Appendix '1'**)

5. Publications Committee: A meeting of the Photograph Selection Sub-Committee of the Publications Committee was held in HEPP Conference Room, NPL on 16. 09. 2014 at 11.00 A.M. A report on this meeting is given at **Appendix '2'**.

6. Welfare Committee: A meeting of the Welfare Committee was held in the Director's Conference Room, NPL on 16. 09. 2014 at 2.00 P.M. A report on it will be presented at the time of the meeting vide **Agenda Item 6.2.**

7. Scholarships Committee: A meeting of the Scholarships Committee was held on 18. 09. 2014 at 12.00 Noon. A report on it will be presented at the time of the meeting vide **Agenda Item 6.5.** Constitution of an Award Committee for the Annual Award for the Best Popular Science Paper in Vigyan Pragati (**Agenda Item 7**) also formed an item of agenda for that meeting.

8. Resolutions for opening of New Fixed Deposit Accounts (Agenda Item 8): A suitable amount will need to be put in fixed deposit, the interest whereon can be used for the Annual Award for the Best Popular Science Paper published in Vigyan Pragati. Shri J N Chaudhary had also given a cheque for Rs. 45,000/- to augment his contributions for Savitri Devi Memorial Award instituted by him. Further, at the time of the Forum meeting held on 22. 08 2014, Dr. Virendra Shankar had also expressed his desire to initiate some Scholarship/ Award, and Mrs. Sadhana Singhal, wife of Late Shri Subodh Kumar Singhal, had expressed a desire to institute a Scholarship/ Award in his memory.

9. Geographical Area Coordinators: The Geographical Area Coordinators made a beginning in discharge of their responsibility in regard to mobilization of participation in the Forum meeting held on 22. 08. 2014. They have also been requested to encourage participation in the Dewali Family Get-together on 05. 11. 2014 (**Agenda Item 9**). They appear to be making an impact.

However, Dr. R K Aggarwal has expressed his inability to serve as Geographical Area Coordinators. Dr. P C Jain has also while regretting his inability to do so, has suggested re-allocation of the members covered by his list, among Shri A K Kanjilal and Dr. R C Saksena. Shri S S Verma, who is the coordinator for this programme has been requested to make the necessary alterations.

TREE PLANTATION

Based on the recommendations of the Scholarship Committee (made at its meeting of 18th July 2014), its Tree Plantation Sub-Committee (at its meeting held on 1st August 2014 in the HEPP Conference Room of NPL) identified the 20 persons who had contributed significantly to the growth and development of NPL, and in whose honour/memory trees may be planted on 15th August 2014 as a part of the Independence Day Celebrations of NPL.

The following table gives the details of the persons in whose honour/ memory trees were planted in Prof. A R Verma Lawn on that day, in front of the NPL Auditorium, as also the names of the participants from (i) the family, if any, (ii) the Staff Members of NPL, and (iii) the members of the Forum who were involved in this joint programme between NPL and the Forum. With this plantation, 71 trees have so far been planted under this programme – 31 flowering plants on 15. 08. 2010 in the Environment Park; 20 Pilkhan (*Ficus Infectoria*) Plants behind the NPL Guest House on 25. 09. 2012 (CSIR Foundation Day Celebrations at NPL), and 20 on Ashoka Plants on 15. 08. 2014.

Tree Plantation on 15. 08. 2014

The Programme was started by Prof. R C Budhani, Director, NPL planting Tree in the Memory of Dr. Kailash Chandra. He participated in tree plantation in respect of the other 19 trees also.

Note: All the trees planted were Ashoka

Sr. No.	Name of the person in whose honour/ memory the tree was planted	INVITEES		
		From the Family, if Any	From NPL	From NPL-FSF/ Prospective Members
1.	Dr. K. Chandra	Shri Subhash Chandra	Prof. R C Budhani & Dr. (Mrs.) Rina Sharma	Dr. Surender Kumar Mahajan
2.	Dr. Anil K. Gupta	Dr. Anil Kumar Gupta		
3.	Shri S. C. Garg	Shri Satish Chand Garg		Dr. Rakesh Chandra Saksena
4.	Dr. P. Bannerjee		Dr. Ashish Agarwal	Dr. Surender Kumar Mahajan
5.	Shri K.S. Sarma	Dr. R A Sastry (Son-in-Law)	Dr. Harish Chandra Kandpal	
6.	Shri. S.K. Suri	Mrs. Neeru Bahl (Daughter) & her husband	Dr. Tushya Kumar Saxena	
7.	Dr. K.C. Nagpal	Dr. Kailash Chander Nagpal, Mrs. Radha Nagpal (Wife) and Mrs. Monika Nath (Daughter)	Dr. (Ms.) Rashmi	Dr. Man Mohan Pradhan
8.	Dr. M.N.M. Rao		Rupesh M Das	Dr. Rakesh Chandra Saksena
9.	Dr. S. V. Gupta	Mrs. Reeta Gupta (Daughter)		Shri Tripurari Lal
10.	Shri V. P. Wasan		Dr. D D Shivagan	Shri Ram Krishan Luthra
11.	Dr. J. K. N Sharma	Dr. Jai Krishan Narain Sharma and Dr. Shailesh Narain Sharma (Son)	Dr. Sanjay Yadav	Dr. Pardeep Mohan
12.	Dr. S.P. Singal		Dr. Mahavir Singh	Dr. Bhim Sen Gera
13.	Dr. B.M. Reddy		Rupesh M Das	Dr. Rakesh Chandra Saksena & Shri Satish Chand Garg
14.	Dr. A. P. Jain	Dr. Adeshwer Preshad Jain, Alok Jain (Son) & Kalpana Jain (Daughter)	Shri K Velayudhan	Dr. Rajan Babju Saxena
15.	Shri Ram Chander Soni		Shri Gurdip Singh Lamba	
16.	Shri G. K. Arora	Shri Gyanendra Kumar Arora	Mrs. Anita Sharma	Shri Tushar Kanti Chakravarty
17.	Shri R. C. Dhawan	Shri Ramesh Chandra Dhawan	Dr. Harish Chandra	
18.	Shri J. N. Chaudhary	Shri Janki Nath Chaudhary	Shri M C Meena	Dr. Prakash Chandra Jain
19.	Shri M. K. Das Gupta	Shri Mrinal Kanti Das Gupta & Mrs. Ratna Das Gupta (Wife)	Shri S S K Titus	Shri Jagdish Kumar Dhawan
20.	Dr. O. P. Bahl	Dr. Om Parkash Bahl	Dr. Bhanu Pratap Singh	Dr. Tersem Lal Dhami

**A Report on the Photograph Selection Committee Meeting
held on 16. 09. 2014 at 11.00 A.M. in HEPP Conference Room, NPL**

The participants in the meeting included Dr. Amitabha Basu, Dr. Hari Kishan, Dr. P C Jain, Shri Subhash Chander and Shri G K Arora. Shri R C Dhawan, had also come for the meeting but left without participating in the meeting on account of a sudden medical problem. Dr. Pardeep Mohan could not participate.

The Committee noted that as no soft copies of the photographs were available in respect of those photographs which had been issued in Forum's Newsletters No 3 Dated August 2006, No. 4, Dated September 2007 and No. 5 Dated September 2008, the scanned copies of these photographs which had been prepared by Dr. Amitabha Basu could be used for getting them printed.

It was agreed that most of the photographs which had been published in the Subsequent Issues of the Newsletter Nos. 6, 7, 8, 9 and 10 could be considered suitable for getting their prints made from their soft copies which were available with Shri G K Arora. A preliminary screening of all the available soft copies of the other photographs had already been made by Shri G K Arora and these were viewed for making selection of more photographs that could be added.

While soft copies were also available in respect of photographs that had been taken in respect of the following activities of the Forum, (but which had not yet been published in the Forum's Newsletter), a preliminary selection had already been made in respect of photographs which could be considered for publication in Newsletter No. 11, at the Publication Committee Meeting held on 26. 11. 2013. They could, however, not be published for lack of funds, as also with the intension of having their prints made for the Forum's Album. A preliminary selection of photographs had also been made in respect of the activities which were held subsequently, and these were also reviewed for making the selection.

Meetings/ Activities for which Soft Copies are available, but which have not yet been published in the Newsletter:

- 16. 05. 2013 – 30th Meeting of the Forum
- 09. 07. 2013 – 31st Meeting of the Forum and also the Tenth Annual General Body Meeting
- 25. 09. 2014 – CSIR Foundation Day Celebrations, and Scholarships & Awards by the Forum
- 10. 10. 2013 – 32nd Meeting of the Forum.
- 08. 11. 2013 – Dewali Family Get-together
- 20. 03. 2014 – Eleventh Foundation Day Get-together of the Forum
- 27. 05. 2014 – 33rd Meeting of the Forum and the Eleventh Annual General Body Meeting
- 15. 08. 2014 – NPL's Independence Day Celebrations and Tree Plantation Function
- 22. 08. 2014 – 34th Meeting of the Forum

Barring two functions held on 24. 09. 2009 and 26. 09. 2010, selection of photographs taken in respect of all the other activities/ functions of the Forum were finalized and for these two occasions Dr. Amitabha Basu and Shri G K Arora were authorized to finalize the selection.

In all about 330 photographs have been identified for getting their prints made. It was decided that all photographs prints will be made in the size 5"x7". It was decided that two photographs will be put on each page of the Album, with the exception of the Group Photographs which will be got printed in the size 10"x12" and displayed on a full page. These photographs will be printed along with the titles appearing at the bottom. These will be arranged chronologically for the various meetings/ activities/ functions undertaken by the Forum, as also those to be held in future.

Shri G K Arora will prepare the Draft Titles for the various photographs which will be finalized and put below the photographs by Dr. Amitabha Basu who will also make them print-ready, with suitable editing of the photographs that may be required.

Shri Subhash Chander will arrange for the purchase of Albums for these photographs as also for the Passport-size photographs of the members of the Forum.

The Committee was informed, that barring photographs of a couple of members of the Forum, photographs of all the other members were ready for printing in Passport Size.

Minutes of the Welfare Committee Meeting

The meeting of the welfare committee under the Chairmanship of Dr. S.L. Jain was held on 16th September 2014 at 2 pm in the NPL conference room. Following members were present:

- | | | | | |
|-------------------|--------------------|---------------------------|-----------------------|--------------------|
| 1. Dr. S.L. Jain | 2. Dr. S.C. Garg | 3. Dr. P.C. Jain | 4. Dr. V.S. Panwar | 5. Sh. V.P. Wasan |
| 6. Dr. G.K. Arora | 7. Sh. P.K. Mittal | 8. Mrs. ShashikalaShastri | 9. Sh. K.N. Bhatnagar | 10. Dr. HariKishan |

Chairman Dr. S.L. Jain welcomed all the members and discussed all the issues as per agenda. Following resolutions were passed unanimously.

1. Regarding Pre-2006 Pension: It is resolved that this is an individual matter and let a person represents his/her case to the NPL authorities with a copy to the Forum. We will follow his/her case with the NPL officials.

2. About making operational Forum Room: All the members agreed that let this Forum Room be left as it is since very few members visit and that too occasionally. Forum is not in a position to hire a person for sitting in the room the whole day and no useful purpose will be served due to very very few visitors.
3. Diwali get-together on 5th November 2014: It has already been decided to have Diwali get-together on 5th November 2014, by having a contributory lunch @ Rs. 150 per head. It is informed that till today 19 persons have made their contribution and the amount (Rs. 2850=00) is kept with Dr. Hari Kishan.
4. It is also informed about status of the court case regarding inclusion of two special increments for pension calculations. It is felt that this is applicable only to Scientist Gs and not to all the members of the Forum.
5. It is strongly felt that a letter should be written to the Director, NPL from the Forum side about providing cashless medical facility to the NPL pensioners on the lines of CSIR Office Memorandum No. 6-3(441)/2013.E-III dated 28.07.2014.
6. It is strongly felt that there are various problems to the pensioners in CGHS dispensaries due to the sudden orders of the Health Ministry. Thus a letter with practical solutions should be sent to the Hon. Minister (Dr. Harsh VardhanJi) regarding problems faced in CGHS wellness centers and other related issues. Draft of such a letter is attached herewith for further necessary action. The rough draft to Health minister is enclosed. With appropriate changes it may be sent to HM.

Appendix- '4'

Minutes of the 19th Scholarships and Awards Committee meeting

The 19th Scholarships and awards Committee meeting was held on 18th September 2014 in the NPL Conference room, ground floor, main building. As Prof. Budhani had other engagements, Dr. S.C Garg Vice Chairman took the chair.

Following members were present:

Sh. S.C. Garg	(Vice Chairman)
Sh. V.K. Kaushik	(COA NPL)
Sh. M.C. Meena	(A.O. NPL)
Dr. V.N. Bindal	
Dr. P.C. Jain	
Sh. R.K. luthra	
Dr. V.S. Panwar	(Co- Convener)
Sh. Tribhawan Verma	(invitee)
V.P. Wasan (Convener)

Sh. G.K. Arora and other members could not attend due to other preoccupation

Proceedings

1,2. Sh. S.C. Garg (Vice Chairman) welcomed the members present and apprised them about the tasks taken up after the last meeting and asked the convener to take up the agenda.

3. The convener requested the committee members to approve the minutes of the last meeting which were tabled. The convener informed that the circular of Scholarships and Awards 2014 was not circulated effectively due to which the date was enhanced and it was recirculated with the help of NPL staff. Sh. S.C. Garg requested Sh. Kaushik and Sh. Meena to kindly help in our endeavour to provide maximum circulation to the staff members via net as well as hard copies of the circular on Notice Boards. The minutes were approved by the members.

4. The minutes of the Scrutiny Committee on Scholarships and Awards were tabled. The convener informed that Dr. P.C. Jain and Sh. G.K. Arora had requested that scholarship for one of the applicant Rohit Joshi had been approved, but the amount of scholarship was not enough for an M.B.B.S course. After some discussion it was decided that the amount should be raised from Rs 300/- p.m to Rs. 500/- p.m and it may be shown as Bawa Barkha Nath Memorial and NPL-FSF Scholarship. The additional amount may be used from NPL-FSF funds. With this modification, the minutes were approved.

5. Report on Tree Plantation Ceremony held on 15th August 2014 prepared by Sh. G.K. Arora was tabled and approved.

6. Dr. V.N. Bindal informed the members that DNPL in the last meeting had advised on the formation of an Awards Committee with two members from NPL, for an award of Rs. 5000/- to the author of the best paper published in Vigyan Pragati as per the requirements to be laid down by the committee during one year. It was decided in the 17th meeting of the scholarship committee that the amount of Rs 5000/- will be taken from the interest of Rs 43000/- unused Scholarship and awards money and interest on an NPL-FSF F.D of Rs 20000/-. The names of the committee members as follows:

Dr. V.N. Bindal	Chairman
Sh. S.C. Garg	Co- Chairman
Dr. P.C Jain	
Dr. S T Lakshmikumar	NPL
Dr. Chhamendrar Sharma	NPL
Dr V.S Panwar	Co- Convener
V.P. Wasan	Convener

were tabled and approved by the members.

It was pointed out to Sh. V.K. Kaushik that the pensioners problem was discussed in the last meeting in the presence of DNPL on 18th July, that the PPO order issued by NPL after sixth Pay Commission to the pensioners drawing pension through SBI and Syndicate Bank need some modification as no information has been given about the date of birth and the name of Family Pensioner in the Passbook. The DNPL had directed Sh . M.C. Meena to include in the agenda item . Sh. Kaushik was requested to look into the matter at the earliest.

Comments from Dr. V N Bindal

I would suggest that the responsibility kindly taken by Mr Meena about procuring the VIGAN PRAGITI for all the members of this sub-committee, **should also be very clearly mentioned.** This is one of the very important necessity of this activity for making it successful.

Appendix- '5'

Drinking Water : Quality Assurance Program

INTRODUCTION:

Water is synonymous to life-in fact to all forms of life, human, animal, or vegetation. The water in its molecular form is hazardous for life. So is true, if other undesirable molecules are present as contaminants. However, no water can be free from impurities.

Safe drinking water is the treated water that has been tested for harmful and potentially harmful substances and has met or exceeded drinking water quality standards set by the National/international body. In India BIS (Bureau of Indian Standards) has brought out a standard IS 10500: 2012.

Having realized that about 37.7 million Indians are affected by water borne diseases annually resulting an economic burden of about \$ 600 million a year, potable drinking water has been given apriority in the constitution of India. Article 47 confers the duty of providing clean water to the state.

Since 2000, water quality monitoring has been accorded a high priority and to be implemented by institutional mechanisms at national, state, district, block and panchayat levels. The government has also outlined requisite mechanisms to monitor the quality of drinking water and devise effective Information, Education and Communication (IEC) interventions to disseminate information and educate people on health and hygiene.

MONITORING MECHANISM –PRESENT SCENERIO

The laboratory net work at national level is envisaged by the ministry of drinking water(GOI) to monitor the water quality.. However, the field test kits are found to be convenient and cost effective. The test kits are either a single, double or multi parameter kits. Under a program sponsored by DST, SIIR, studied a variety of the field kits available in the marker. Their extensive, detailed study showed that:

- The multi parameter kits give more reliable and accurate test results.
- The field measurement that can be made with an electrode and a meter (temperature, pH, conductivity, dissolved oxygen) is normally very easily accomplished provided that little or no meter calibration is necessary.
- On the other hand, photometric or titrimetric procedures that involve the addition of two or more reagents, a reaction time of several minutes, and the observation of a colour change or a photometer reading are also prevalent. They might present difficulties under field conditions.

SIIR has not shown conclusively which kit is to be adopted for field tests.

OUR PROPOSAL:

- 1) To extend the study photometric and titrimetric kits in more details .This is because they are cost effective, quick, easy and need minimum training. They can be used for a variety of tests The end goal is to find the accuracy limits of such tests. In case of doubt or result lies outside the limits, the samples can be referred for objective tests.
- 2) To standardize a colour-based kit and recommend for field use.
- 3) To involve manufactures and community in the use of these kits and generate data.
- 4) To prepare sampling plan, training plan implementation and dissemination means of the product.
- 5) To develop appropriate procedures and instruction manual for use and data collection.
- 6) Even when methods are followed exactly it is vital that they are validated before use. Therefore, validation procedures and other quality assurance methods to be devised .These are to become training material eventually.