

NPL FORMER SCIENTISTS FORUM

Minutes of the Thirty-Second Meeting of the Management Committee

held on Thursday, the 12th July, 2012 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 02. 07. 2012 sent to Shri P K Mittal, Mrs. Urmil Dhawan, Shri R C Dhawan and Shri K N Bhatnagar by post and to the others by e-mail. Additionally as had been desired in response to the survey relating to the notification of the meetings, copies of this notice were sent to Shri S C Garg, Dr. V S Panwar, Dr. P C Jain, Dr. R P Singhal, Dr. V N Bindal and Dr. A P Jain by post also, as well as placed on the table for ready reference for all the members at the time of the meeting. Dr. V V Shah who had also been invited for the meeting in regard to Item No. 9 of the Agenda, had also been notified vide the same letter.

Agenda

1. Introductory Remarks by the President.
2. Condolence Resolution on the demise of
(i) Mrs. Santosh Wadhwa W/o Dr. R P Wadhwa on 23rd April 2012; (ii) Mrs Pushpa Mathur W/o Shri Harish Chand Mathur on 30th April 2012; and
(iii) Shri Varinder Marwah H/o Mrs. Raksha Marwah on 2nd June 2012
3. Confirmation of the Minutes of the Management Committee Meeting held on 12th April 2012.
4. Follow-up Action on the decisions taken at the Meeting of the Management Committee held on 12th April 2012.
5. Status Report by the Secretary.
6. Induction of New Members to the Forum.
7. Appointment of a Co-convenor for the Scholarship Committee
8. Adoption of the Audited Report for the Financial Year 2011-12.
9. Consideration of the Proposal for a Training Programme (jointly with NPL) for new R & D staff appointed by NPL.
10. Agenda for the General Body Meeting to be held on 8th August 2012.
11. 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. A P Jain	Vice President
3. Dr V S Panwar	Joint Secretary
4. Shri Tripurari Lal	Treasurer
5. Shri K N Bhatnagar	Member
6. Mrs. Urmil Dhawan	Member
7. Shri A C Gupta	Member
8. Dr. S K Halder	Member.
9. Dr. P C Jain	Member
10. Shri P K Mittal	Member
11. Mrs. Shashikala Shastri	Member
12. Shri S S Verma	Member
13. Shri V P Wasan	Member
14. Dr. Amitabha Basu	Invitee (Chairman, Publication Committee)
15. Dr. V N Bindal	Invitee (Past President)
16. Dr. S L Jain	Invitee (Co-Chairman, Scientific Affairs Committee)
17. Dr. V Mohanan	Invitee (Chairman, Welfare Committee)
18. Dr. V V Shah	Invitee
19. Shri G K Arora	Secretary

From among the members, Dr. V R Singh, Shri R C Dhawan and Dr. Anil Kumar Gupta had regretted their inability to attend, and Dr. Kailash Chandra also could not participate as he was abroad. Dr. R Bhattacharyya (Invitee) had also regretted his inability to attend. Dr. Joginder Singh (Member) and Dr. R P Singhal (Member) were absent.

1. Introductory Remarks by the Chairman: Shri S C Garg welcomed the members to the meeting and said that the Audited Statement of Accounts for the Financial Year 2011-12 which could not be placed at the General Body Meeting held on 2nd May 2012 was to be considered for adoption at this meeting as authorized by the General Body at that meeting. He also briefly mentioned about the salient decisions taken at the Scholarship Committee Meeting held on 22nd June 2012 at which a copy of the training programme proposed by Dr. V V Shah had also been given to Prof. R C Budhani. Prof. Budhani generally welcomed the proposal and suggested involvement of the members of the Forum to share their expertise with the present staff members of NPL and motivate them.

At that meeting of the Scholarship Committee, it was also decided to institute a scholarship in the Memory of Dr. A R Verma. Effective use of funds received from URSI was also considered. It was felt desirable to have A P Mitra Memorial Lecture jointly with NPL, and also to explore the possibility of supplementing of the resources by Mrs. Sunanda Mitra w/o Dr. A P Mitra. For this a Committee with Mrs. Sadhana Mitra, Prof. Vikram kumar, Dr. Amitava Sengupta, Head RSD, NPL and Dr. V N Bindal as members, and himself as Convener was constituted. Dr. Bindal said that the Financial involvement of the Forum in any such programme should not exceed the interest that can be earned from the money received from URSI or which may be contributed by Mrs. Mitra.

2. Condolence Resolutions: Shri G K Arora read out the Condolence Resolutions in respect of (i) Mrs. Santosh Wadhwa W/o Dr. R P Wadhwa on 23rd April 2012; (ii) Mrs Pushpa Mathur W/o Shri Harish Chand Mathur on 30th April 2012; and (iii) Shri Varinder Marwah H/o Mrs. Raksha Marwah on 2nd June 2012. The members observed two minutes silence to pay their homage to the departed souls and passed the

resolutions. The Secretary was advised to send the respective resolutions to Dr. R P Wadhwa, Shri Harish Chand Mathur and Mrs. Raksha Marwah.

3. Confirmation of the Minutes of the Management Committee Meeting held on 12th April 2012: The minutes of that meeting were placed before the member at the time of the meeting. As they had already been circulated by the Secretary inviting comments by 12th May, 2012, [as detailed by the Secretary in his Status Report (**Annexure ‘A’**)], and there were no comments from any of the members, they were confirmed.

4. Follow-up Action on the decisions taken at the Management Committee Meeting held 12th April 2012: The Committee noted the follow-up action taken as reported by the Secretary in his Status Report.

5. Status Report by the Secretary: Status Report (**Annexure ‘A’**) was noted with the following specific decisions/ suggestions:

5.1 Publications Committee: It was decided to bring out the next issue of the Forum’s Newsletter at the time of the next meeting of the Forum planned for 8th August 2012 on the theme – “Nanotechnology for the Masses”. The action already taken by DR. Amitabha Basu, Chairman of the Committee for articles proposed to be included in that issue of the Newsletter was also noted.

The progress made so far in collection of two pass-port size photographs from each of the members of the Forum – one for an album of the Forum and another for possible use in the **Directory of Members** being compiled for release in January 2013 when the Forum will be completing 10 years – was also noted with satisfaction, and the Secretary was requested to approach again the members from whom they are still awaited.

5.2 Guidelines to be followed in case of Medical Emergency: The Committee noted that the “Guidelines for NPL Pensioners Regarding Steps Needed for Treatment Under Medical Emergency” which appeared as **Appendix – I** to the Status Report by the Secretary had already been sent to Shri T V Joshua for according approval thereof with any changes that may be necessary as per the rules. It was decided that in case no response is received from NPL in this regard, these may be circulated to all the members of the Forum along with the notice for the Forum’s meeting planned to be held on 8th August 2012.

5.3 Opening of NPL-FSF A/c R K Khanna with Syndicate Bank: It was decided that the necessary remaining action for opening of this account may be ensured so that the Poonam Chadha Memorial Award could also be notified by the Scholarship Committee for the year 2012.

It was also decided that the money lying unused in the various Saving Bank Accounts of Scholarships and Awards may be transferred to the General Scholarship Fund Account and a system may be evolved by the Treasurer to ensure that the interest earned on the various FDs presently being credited to these Saving Fund Accounts is also credited to the General Scholarship Fund Account, from which the amount for various scholarships and awards may be given.

Another decision taken was the conversion of the General Scholarship Fund Account into Prudent Sweep Account (or any other such account that could be opened with the Syndicate Bank, NPL), so that while retaining the facility of its operation as a Savings Fund Account, any money in excess of the minimum that has to be treated as Saving Fund, draws higher rate of interest.

It was also decided that as and when any FD for which the interest income is presently being credited to the individual Scholarship/ Award Funds matures, the same should be transferred to the General Scholarship Account and when there is no such FD relevant to any individual Scholarship/ Award Account, that Account may be closed and the entire amount transferred to the General Scholarship Account. Thus, instead of the large number of accounts being presently maintained, ultimately the number gets reduced to just two accounts – One for the Forum and the other for the General Scholarship Fund.

5.4 Revision of the Rules & Regulations of the Forum as per Rule 18.3: As no meeting of the Committee constituted for the purpose under the Chairmanship of Dr. A P Jain could be held, it was decided that if anything concrete is decided, the same may be placed before the next Forum Meeting to be held on 8th August 2012.

6. Induction of New Members to the Forum: The Committee approved the induction of Shri Tarun Kumar Chakraborty, Shri Tushar Kant Bhattacharya and Dr. Devinder Gupta as the new Members of the Forum.

7. Appointment of Co-convenor for the Scholarship Committee: The Committee approved the appointment of Dr. V S Panwar, who had also represented Shri V P Wasan at the Scholarship Committee meeting held on 22nd June 2012, as the Co-convenor of the Scholarship Committee. Shri Garg suggested that, to ensure that the work of any of any of the other Area Committees does not suffer on account of inability/ unavailability of the Convenor to convene a meeting, Co-convenors could also be appointed for them also at the suggestion of the Convenor.

8. Adoption of the Audited Report for the Financial Year 2011-12: Shri Tripurari Lal’s efforts in getting the Report for the Financial Year 2011-12 audited were highly appreciated. The Audited Report dated 2nd July 2012 placed before the Committee was adopted

and the Secretary was advised to place it before the General Body for ratification at the General Body meeting on 8th August 2012. It was also decided to publish it in the next issue of the Forum's Newsletter.

9. Consideration of the Proposal for a Training Programme (jointly with NPL) for new R & D staff appointed by NPL: Dr. V V Shah presented the highlights of the proposal [Appendix –II of the Status Report by the Secretary]. It was a coincidence that he was presenting it just on the day when he had started his career in NPL on this very day, 50 years back as Sr. Research Fellow. He said that this proposal was based on his personal experience. It was felt that with the passage of time and the developments that had taken place in regard to handling R & D Problems had changed significantly. It was accordingly decided that Dr. Amitabha Basu and Dr. A P Jain may recast the proposal before it is sent for consideration of Director, NPL.

10. Agenda for the Next General Body Meeting on 8th August 2012: Dr. A P Jain offered to arrange an invited popular talk by an expert on "Higgs Boson – God Particle". In addition it was decided to (i) Felicitate Shri Kailash Chandra (Sharma) as a New Member of the 80-Plus fraternity, (ii) Release of the Special Issue of the Newsletter on "Nanotechnology for the Masses", (iii) Ratification of the Audited Statement of Accounts for the Financial Year 2011-12 and (iv) Appointment of Auditors for Financial years 2012-13 and beyond, in addition to the conventional items for such meetings, and any other item which the President may approve.

Annexure 'A'

STATUS REPORT BY THE SECRETARY

1. Thirty-First Meeting of the Management Committee (Ref: Agenda Item 3): The Minutes of the Thirty-first Meeting of the Management Committee held on 12th April 2012, (as approved by the Chairman), had been circulated by the Secretary vide his letter dated 27th April 2012 by post (as also by e-mail to those who could be so contacted), inviting comments by 12th May, 2012. Copies of this letter and the Minutes of that Meeting will be tabled at the time of the meeting.

As there were no comments from any of the members, the Minutes of that meeting may be confirmed.

2. Follow-up Action on the Decisions taken at the above Meeting (Ref: Agenda Item 4): This is given below:

2.1 Condolence Resolution on the demise of Dr. V D Dandawate: The Resolution passed at the meeting was sent to Vasudha Dandawate on 14th April 2012.

2.2 Publications Committee: It is planned to bring out the Special Issue on "Nanotechnology for the Masses". Substantial work on compilation and editing of this issue has been completed and, as per the decision taken at the last meeting, the contents of this issue will be finalized by Dr. Amitabha Basu and Shri G K Arora. A Full Page Advertisement for Rs. 10,000/- has already been released by the CSIR, and Director, NPL has also been approached for the release of an Advertisement for Rs. 15,000/- for this issue. It is proposed to release this issue of the Newsletter on 8th August 2012 at the time of the next General Body Meeting.

Two passport size photographs of all the members of the Forum are being collected – one for an album of the Forum and another for possible use in the **Directory of Members** being compiled for release in January 2013 when the Forum will be completing 10 years. Photographs of about 100 members have so far been collected by the Secretary with the very active collaboration of Dr. V S Panwar and Dr. S K Halder.

2.3 Guidelines for Treatment under medical emergency: The guidelines as per Appendix I have been drawn with active involvement of Dr. Anil Kumar Gupta, Dr. V N Bindal, and Shri G K Arora. These have been sent by the Secretary to Shri T V Joshua, COA, NPL for his views and suggestions.

2.4 Opening of NPL-FSF A/c R K Khanna with Syndicate Bank: This has been a Herculean Task, and hopefully the Account shall be opened soon. Each one of the three persons authorized to operate the Forum's Accounts were required to furnish the details in respect of their own personal accounts with that bank as per the prescribed forms, as also their photographs and proofs of identity.

2.5 Participation in 'Vaigyanic Drishtikon tatha Chetna Jagane main Sanchar Madhyamon ki Bhumika Par Antar-Rashtriya Sammelan: A Paper titled "*Andhvisvas va Pouranik Manyataein Kitni Prachalit Hain Aur Hum Inka Kis Prakar Khandan Kar Sakte Hain?*" authored by Dr. V N Bindal, Dr. Kailash Chandra Dr. A P Jain Shri G K Arora, Dr. Amitabha Basu, and Mrs. Urmil Dhawan had been specially got ready for participation in the Conference on payment of Rs. 4,000/- to an outside party. However, on account of some confusion this paper could not be included for presentation at the Conference. Dr. A P Jain, however, did informally attend the opening session of the Conference with the knowledge and permission of Director, NISCAIR. A request has been made for a list of participants of the Conference through a mail by the Secretary to Mrs. Deeksha Bist as suggested by Dr. A P Jain.

As a bye-product of the effort, Hindi -translated versions of a number of Superstitions/ Myths of SAS-1 are now available. These can be used for the contemplated publication of a booklet covering the already identified Superstitions and Myths both in English & Hindi.

2.6 Revision of the Rules & Regulations of the Forum as per Rule 18.3: No meeting of the Committee could be held so far on account of Health problems of the Chairman. If anything concrete is decided, the same shall be placed before the next General Body Meeting on 8th August 2012.

3. Induction of New Members of the Forum (Ref: Agenda Item 6): A number of persons have been contacted by the Secretary for enlisting as members of the Forum. The following have submitted their Membership Forms till the time of preparation of this Status Report

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|----------------------------------|--|
| 1. Shri Tarun Kumar Chakraorty | Retired as Principal Tech Offer w.e.f. 31. 03. 2012 |
| 2. Shri Tushar Kant Bhattacharya | Retired as Tech Offer (C) w.e.f. 31. 12. 2009 |
| 3. Dr. Devinder Gupta | Retired as Sr. Principal Scientist w.e.f. 31. 05. 2012 |

Management Committee may approve their induction as members of the Forum.

4. Appointment of a Co-Convenor for Scholarship Committee (Ref: Agenda Item 7): As Shri V P Wasan had not been keeping well he could not attend the Scholarship Committee Meeting convened by him for 22nd June 2012. Dr. V N Bindal had suggested the appointment of a Co-convenor to assist Shri Wasan and share his workload. Dr. Panwar, in anticipation of the approval of the Management Committee, was requested to represent Shri Wasan at that meeting. The Committee may approve the appointment of Dr. V S Panwar as the Co-convenor of the Scholarship Committee.

5. Adoption of Audited Report for the Financial Year 2011-12 (Ref: Agenda Item 8): The Annual General Body at its last meeting held on 2nd May 2012 had authorized the Management Committee to consider the Audited Report for the Year 2011-12 for adoption as it could not be ready for presentation at that meeting. The same will be placed before the Management Committee at the time of the meeting. If adopted, the same shall also be published in the next issue of the Forum's Newsletter.

6. Consideration of the Proposal for a Training Programme (jointly with NPL) for new R & D staff appointed by NPL (Ref: Agenda Item 9): The proposal received from Dr. V V Shah (Appendix II) has already been circulated by the Secretary to all the

members and invitees to this meeting who could be contacted by e-mail. The Committee may kindly give its reaction to the proposal so that this issue could be taken up with Director, NPL.

7. Agenda for the Next General Body Meeting on 8th August 2012 (Ref: Agenda Item 9): The TEC Conference Room has already been booked for this meeting for the forenoon. Dr. V N Bindal had suggested a popular talk on the recent developments in particle physics with reference to “*Higgs Boson – God Particle*”. Dr. A P Jain who had worked in this field along with Dr Homi J Bhabha, has offered to give this talk.

Apart from the conventional items for a General Body Meeting, the following could be considered for inclusion as other items in the Agenda for that meeting:

1. Felicitating Shri Kailash Chand Sharma as a new member of the 80-plus Fraternity of the Forum
2. Release of the Special issue of the Forum’s Newsletter on “Nanotechnology for the Masses”
3. Ratification of the Audited Statement of Accounts for the year 2011-12.
4. Appointment of Auditor for the two years 2012-13 and 2013-14.
5. Revision of the Rules & Regulations of the Forum as per Rule 18.3 in case the Committee set up for this purpose under the Chairmanship of Dr. A P Jain has an concrete suggestions to make.

Appendix – I

GUIDELINES FOR NPL PENSIONERS REGARDING STEPS NEEDED FOR TREATMENT UNDER MEDICAL EMERGENCY

1. First try to approach Govt. or CGHS empanelled hospitals. Only in unavoidable circumstances, where CGHS recognized hospitals are either far off or there are other unavoidable reasons, the pensioner (or his family member) may get admitted to any nearest hospital.
2. As far as possible, avoid taking the patient to a small nursing home. It is better to go to a nearby hospital.
3. Inform COA/AO/ Section Officer E-I Section, NPL, at the earliest through a letter or e-mail, about the emergency and the fact that the patient has been admitted to (Name of the hospital) for emergency treatment.
4. Before discharge from the hospital, take an Emergency Certificate from the hospital, to the effect that the patient was admitted in emergency and was suffering from a particular disease, clearly indicating date and time of admission and discharge. Attach this Certificate and Discharge Summary received from the Hospital, with your reimbursement claim to NPL along with all the itemized bills.
5. The medical re-imburement claims for indoor-treatment in the hospital, may please be submitted to E-I Section NPL, **within three months** of the date of discharge from the hospital (**within one month** from the date of discharge in case of treatment taken under **medical emergency**). Please note:
 - a) Food charges are normally not reimbursable
 - b) Cost of all medicines are reimbursable in full except preparations classified as food, tonics, vitamins, disinfectants, toilet preparation etc.
 - c) Blood transfusion charges are reimbursed in full subject to certification by the treating physician that the specific blood group was not available in the Hospital and the charges of blood are comparable with the rates of Red Cross, State/ Central Govt. hospitals.
 - d) The tests for which rates are not fixed by the Ministry of Health & Family Welfare may be reimbursed in full.
 - e) Room charges are reimbursed as per C.G.H.S rules which depends on your **entitlement**
 - f) Other medical (pathological, clinical etc.) test bills are also reimbursed as per C.G.H.S rates, which could be different from those charged by the hospital.
6. **Full reimbursement of medical expenses** is also permitted in certain cases where the treatment was taken at a non-empanelled hospitals when the patient
 1. was admitted by others when the beneficiary was unconscious or severely incapacitated and was hospitalized for a prolonged period;
 2. was hospitalized for prolonged period for treatment of Head Injury, Coma, Septicemia, Multi-organ failure, etc.
 3. in higher type of accommodation as rooms as per his/ her entitlement are not available during that period;
 4. when there is a strike in Government hospitals;
 5. any other specific circumstances.

[Ref: OM No. 4-18/2005-C&P [Vol.1, Pt (1) dated 20. 09. 2009]

7. Treatment in Casualty OPD is treated as treatment under emergency.
[Ref: O M No.S.11011/ 23/ 2009-CGHS D.II/ Hospital Cell (Part I), dated 11. 04. 2011]
8. Keep a photostat copy of all papers in case they become necessary to process the medical re-imburement claim.
9. Submit your medical re-imburement claim on the prescribed form "**Med-2008 (revised w.e.f. 20. 02. 2009)**" along with the documents indicated in the **Check List**, as per the instructions for filling the Form.
10. Kindly follow the procedure as laid down below for e-payment.

e-Payment of the Medical Re-imburement Claims shall be made **directly to the Bank from where you are drawing your Pension**. You are, therefore, required to furnish the following information, [**duly endorsed by the Bank's Officer concerned**], with his **signatures and Bank's Seal** to Section Officer E-I Section, NPL:

1. Name of the Pensioner (Account Holder)
2. Name of the Bank
3. Branch Address
4. Account No.
5. IFSC Code
6. MICR Code
7. Branch Code

NOTE: The Rates charged by the hospitals are different for those Accredited by NABH and those not Accredited by NABH. The lists of CGHS Empanelled hospitals have been published in the Forum’s **Newsletter No. 8 dated October 2011** under Ref **M8-18** under the following categories:

<u>Category</u>	<u>Number Listed</u>	<u>Additions</u>	<u>Number as on 01. 07. 2012</u>
i. General Purpose Hospitals	23	+ 5	(28)

ii.	Speciality (Selective)	32	+ 12	(44)
iii.	Superspeciality Hospitals	2	+ 5	(7)
iv	Cancer Hospitals	Nil	+ 10	(10)
v.	Eye Care Centres	21	+ 9	(30)
vi.	Dental Clinics	12	+ 3	(15)

There have been subsequent additions to the list. New additions to the hospitals will be notified in the next issue of the Forum's Newsletter. However, the number of CGHS Empanelled Hospitals as on 01. 07. 2012 in each category is indicated against each of the above categories within parenthesis

Appendix – I I

Suggestion of Dr. V V Shah for a Training Programme jointly by NPL & the Forum

(Ref: Letter dated 01. 06. 2012 to Shri G K Arora, Secretary, NPL Former Scientists Forum)

A Training Programme to be conducted by working and retired scientists for the benefit of fresh recruits in the NPL – Such as Research Fellows, JSA; JTA; SSA; STA; etc. and all the employees (Scientific & Technical persons) interested in such a programme.

Justification

The activities and programmes of our institution (NPL) are basically confined to experimental work in different branches of Physics, such as Optics, Electronics, Materials Science, Low Temperature Physics, Solar Energy, Vacuum Technology, Testing, Calibration and Maintenance of Standards etc.

In all the experimental investigations, it is necessary to handle various types of custom made instruments as also design and fabricate small gadgets, mechanical components and parts, electronic circuits, electrical and electronic systems etc. e.g. in the design and fabrication of a vacuum system - such as a thin film vacuum coating and sputtering plant - knowledge of mechanical, electrical and electronic engineering as well as optics and vacuum technology is necessary.

In addition to this for a research worker in the area of materials science, it is necessary to analyze and evaluate data generated by various materials characterization techniques is essential.

Scope

The Training Programme envisages imparting basics of certain experimental infrastructural subjects such as electrical engineering, electronics, mechanical and vacuum technology and the last but on least Computer Science & technology. This is not an exhaustive list and experts may suggest some more topics.

A detailed syllabus for the training programme may be prepared by an expert committee comprising of persons from scientific and engineering disciplines.

Some of the topics which could be included in the syllabus are as under:

- (i) Interpretation of machine drawings & blue prints.
- (ii) Basic mechanical design skills for the fabrication of small mechanical parts and components; Knowledge of different types of gear systems etc.
- (iii) Knowledge of single phase and three phase instruments and wiring of the same. LT, HT, Transformers & Variacs (Single & Three Phase).
- (iv) Knowledge of electronic circuits, Components, ICs etc.

Implementation

In case this proposal is accepted, by the Forum and the NPL authorities, details of actual implementation can be worked out by a group of working and retired scientists.

However, it may be noted that implementation of this programme should involve minimum financial burden to the exchequer. In this respect my suggestion is that no honorarium or fee be paid to instructors, except that suitable conveyance allowance may be paid to instructors from the retired scientists group.

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