

No.F.No.50013/1/2016 NIPER
Government of India
Department of Pharmaceuticals

Shastri Bhawan, New Delhi
Dated 6th May 2016

Subject	Minutes of the Meeting with the members of Indian Pharma Industry (3 Associations-IDMA, IPA and OPPI) and NIPERs on Campus placement of NIPER graduates (Masters and Ph.D)
Date & Time	14 th March 2016
Venue	<i>Mayfair Banquets</i> Conference Hall, 254-C. Dr. Annie Besant Road. Worli, Mumbai-400030.
Members	Annexure- I
Agenda	Annexure-II

Dr.V.K.Subburaj, IAS Secretary (Pharma) chaired the Steering Committee Meeting. At the outset Dr. M. Ariz Ahammed IAS Joint Secretary, Department of Pharmaceuticals welcomed all the participants present. In his address he emphasized the need for deepening relationship and partnership of Pharma Industry and NIPERs. He reiterated that Government recognizes and celebrates the contribution of Indian Pharma Industry in making India self-reliant in medicines through availability, accessibility and affordability and in ensuring health security to the nation.

Joint Secretary (Pharma) made a brief presentation on NIPERs-specializations, annual student's intake and pass out numbers and expectations from Industry. Thereupon all 7 NIPERs made their respective presentations informing the strengths and skill sets of their graduates.

All the Industry leaders present offered a number of valuable suggestions on their expectations from the NIPERs while considering career orientation and campus placements of the students. Suggestions were also offered to consolidate and strengthen Academia-Industry linkage to make NIPER graduates industry ready.

Upon in-depth discussion the meet adopted the following resolutions as a Roadmap:

1. Pharma Industry welcomed and appreciated the initiative of DoP to build Academia-Industry linkages and observed that this was the first time in the history that both Industry and NIPERs sat down together to harness each other's strengths through convergence and synergy so as to make India a global leader both in generics and drug discovery.
2. Action to be taken by the Department of Pharmaceuticals:
 - a) **A Steering Committee** with the following composition will be constituted to oversee the campus placements and to strengthen Academia-Industry linkage of NIPERs with the Pharma Industry

Membership	Composition	Designation
DoP	Secretary (Pharma)	Chairperson
	Joint Secretary (NIPER)	Member
IDMA	President	Member
	Chairperson, Academia Industry Linkages	Member
OPPI	President	Member
	Chairperson, Academia Industry Linkages	Member
IPA	President	Member
	DG Shah	Member
NIPERs	All NIPER Directors	Convener- alphabetically on rotation annually
Expert Members	Dr. A.V. Ramarao former Director, IICT	Member
	Dr. Javed Iqbal, Pharma expert (Cosmic Therapeutics, Hyderabad)	Member
	Dr. Lanka Srinivas, Advisor, Pharmexcil	Member
	Dr.Furhan Ahmed, Jamia Hamdard	Member

The Steering Committee will hold meetings once in six months to review the progress.

- b) **Curriculum revision:** DoP will constitute a committee to review the NIPER Curriculum to meet current and future medical needs and industry requirements involving Industry. Industry will provide the names of experts to be included in the said committee. (Action: DoP and All NIPERs; Coordination: NIPER Ahmedabad by May 2016).
- c) **Co-ordination:** Dr.M.Ariz Ahammed Joint Secretary (NIPER) will facilitate the initiative of Academia-Industry linkage. In case of any difficulty both the NIPERs and Industry are to contact him to resolve the issues.

3. Action to be taken by the NIPERs:

- a) Each NIPER will set up **NIPER-Industry liaison cell** within 30 days and inform all Industry members.(Action: All NIPERs)
- b) NIPERs collectively will come up with **standard templates for Academia-Industry linkage**. (Action / Coordination by NIPER Hyd with the help of FITT, IIT Delhi by 15th April 2016)
- c) **Visiting faculty:** Industry is ready to extend the services of their experts for the benefit of NIPER students as a visiting faculty. For the purpose, all NIPERs shall identify areas of expertise that they need assistance and contact the nodal officers of 3 associations and individual companies for needful help. (Action: All NIPERs)

- d) **Calendar:** All the NIPERs shall come up with a common placement and career orientation calendar for the benefit of Industry to depute their HRs personnel and other experts. (Action: All NIPERs; Coordination by: NIPER Kolkata by 30.3.2015)
- e) NIPERs should also include case studies, **personality development, communication** skills in their curriculum etc. (Action: All NIPERs)
- f) **CEO Talks:** Each NIPER will organize a minimum of 2 CEO talks a year. (Action: All NIPERs).
- g) **Customized courses:** NIPERs shall develop both short term/ long term courses based on Industry needs. (Action: All NIPERs).
- h) Each of the NIPERs shall **specialize** in different technologies, therapeutic groups, expertise domains etc for deeper partnership with the Industry considering national priorities of disease burden, affordability, foreign exchange etc and future requirements. NIPERs should avoid becoming jack of all trades. Illustrative technologies and therapeutic groups are: (Action: All NIPERs)

Technologies	Therapeutic groups / Diseases	Expertise domain
<ul style="list-style-type: none"> • Biologicals • Enzyme replacement therapy • Chimeric Antigen Receptor (CAR) T-cell therapy • Clustered Regularly Interspaced Short Palindromic Repeat (CRISPR) therapy • Fermentation Technology 	<ul style="list-style-type: none"> • Malaria • Tuberculosis • Metabolic • Cancer • Multiple Sclerosis (MS) • Hepatitis C • Rheumatoid arthritis (RA) • Anti-microbial Therapy 	<ol style="list-style-type: none"> 1. Medicinal Chemistry 2. Synthetic Chemistry 3. Process innovation 4. Health and Safety 5. Plant products 6. Biotechnology 7. Clinical trials 8. Pharmacology & Toxicology 9. Quality Assurance & Management 10. IPR 11. Pharmaco-vigilance 12. Project Management


- i) All the NIPERs must become associate institutional members of IDMA and avail of their fortnightly journal.
3. Action to be taken by the Industry side:
- a) **Industry nodal officers:** From Industry side the following officials of 3 Associations will extend needful help:

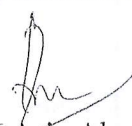
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The 3 nodal officers will write to all their Industry members to designate an official as a contact point/ nodal officer to liaison with the NIPERs and inform the same to the NIPERs.

- b) **Campus placement and Career orientation:** Industry will actively visit NIPERs for campus placements during Feb-March and Career orientation immediately after admission annually as per NIPER common calendar for campus placement and career orientation.
- c) **Academia-Industry MOU/linkage:** Industry will undertake MOUs with NIPERs on education, research and development, trainings, consultancy, professor chair, finishing school etc.
- d) **Research labs/partnerships:** OPPI members will engage their headquarters to set up their research labs/ partnership with different NIPERs.
- e) **Visiting faculty:** Industry will extend the services of their expertise for the benefit of NIPER students as a visiting faculty. For the purpose all the NIPERs shall identify areas of expertise that they need and contact the nodal officers of 3 associations for needful help.
- f) **Project work opportunities:** Industry will offer project work opportunities for NIPER students.
- g) **CEO Talks:** Industry CEO will visit NIPERs as part of CEO Talks and will confirm on NIPER requests.
- h) **NIPER Director talks:** Similar to CEO Talks at NIPERs, Industry associations will invite NIPER Directors and faculty in their annual and other thematic meetings/seminars/workshops for greater interaction.

The meeting ended with vote of thanks to the Chair.


(Dr.V.K.Subburaj)
Secretary (Pharmaceuticals)


(Dr.M.Ariz Ahammed)
Joint Secretary (Pharmaceuticals)
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Copy to:

1. PS to Hon'ble Minister, Chemicals and Fertilizers.
2. PS to MOS C&F
3. Directors/Project Directors, NIPERs.
4. All the Presidents-IDMA/IPA/OPPI.
5. All the members of IDMA/IPA/OPPI through associations.
6. NIC, DoP for web hosting.
7. Hindi Cell, DoP for translation and hosting.

NIPER Placements

Collaborative effort of Pharma Industry and Department of Pharmaceuticals

Venue	<i>Mayfair Banquets (A Division Of Graviss Hospitality Ltd.)</i> <i>254-C. Dr. Annie Besant Road. Worli, Mumbai-400030.</i> <i>Landmark : Opp Sasmira Institute and Next to RPG House.</i> <i>Phone: +91 22 4050 1144 Fax: +91 22 2491 5555</i>
Date	14 th March 2016

Objective	100% placement of NIPER Master and Ph.D graduates/ pass outs in Pharma Industry with attractive emoluments.
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Time	Min	
11.00 AM	5	Welcome Address and objective of the Meeting by JS
	10	Address by Secretary (Pharma)
	35	All 7 NIPERs presentation- Mohali, Ahmedabad, Guwahati, Hajipur, Hyderabad, Kolkata and Rae bareli
12.00 Noon	10	Presidents- IDMA, IPA and OPPI
	35	Remarks and suggestions of Pharma Industry Participants
12.45 PM	10	Roadmap- Summary of Discussion (JS Pharma)
12.55 PM	5	Closing remarks by Industry leaders and NIPER Directors.
1.00 PM		Lunch

Expectations of Pharma Industry from NIPERs

1. Academic Standard Committee- views of Pharma Industry
2. Choice NIPERs for campus placements
3. Time schedule-Career orientation & Placements.
4. Plan CEO Talks for 2016-17 and 2017-18.
5. Depute experts to NIPERs as a visiting faculty considering the NIPERs requirements.
6. Partnership in -R&D, Education, Training, faculty chairs
7. Project work opportunities for NIPER Students.

List of contacts NIPER Meeting March 14, 2016

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NIPERs

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