

**Proceedings on Ex-Servicemen's Workshop**

September 09, 2005, 9:30 a.m. to 3.15 pm

Conference Hall, Patel Bhawan, HCM RIPA (OTS), JLN Marg, (Near MNIT), Jaipur

GIAN-North in association with Directorate General of EME organized a one day workshop at Jaipur on September 09, 2005. The participants of the workshop were 39 Ex-servicemen from Rajasthan, Haryana and Delhi, 17 innovators from Rajasthan, Haryana, and Uttar Pradesh, 2 Honey Bee Collaborators from Rajasthan and Haryana and distinguished invitees from the Department of Science and Technology, Government of Rajasthan, National Innovation Foundation, Ahmedabad. A total of 73 participants participated in the workshop and their list is enclosed as *Annexure - 1*.

The objective of the workshop was to

- Create awareness about the activities of GIAN-North and NIF among the Ex-Servicemen (ESM) of the region
- Educate them about various areas of value addition covered by GIAN
- Encourage ESM to participate in GIAN/NIF's activities like
  - o Identification of innovation (Scouting and Documentation)
  - o Mentoring the innovator
  - o Testing and Validation of innovations at Base Workshops
  - o Dissemination/ replication of the relevant technologies in their region
  - o Become entrepreneur in partnership with the innovator or individually by taking the license of the technology.
  - o Encourage more people to participate in these activities.

Sh. Inderjit Khanna, Chairman, GIAN-North inaugurated the workshop with a warm welcome to all the participants gave a brief introduction about GIAN-North and NIF covering all the above aspects. He also presented some statistics of NIF database about the total innovations received and value added to these innovations. Details about the NIF/GIAN statistics are enclosed as *Annexure-2*.

The presentation was taken forward by Sh. Manish Saxena, National Coordinator – Business Development, NIF and Sh. Rajeev Singhal, Chief Innovation Manager (Acting) and they explained the objectives of organization, various categories with examples of innovations. The innovators also shared their experiences and presented their innovations.

Sh. Sundaramji Verma and Sh. Kamaljit Miglani, Honey Bee Collaborators from Rajasthan and Haryana respectively shared their experiences of Scouting and documentation, the path they have traveled in this journey and the experiments they did to strengthen the philosophy. They also presented a few examples of new innovations they are going to share with NIF.

Brig. P. Ganesham, who was representing the Directorate General of EME congratulated all the innovators for doing such wonderful innovations without external support and shared his view about the objectives of the workshop. He mentioned that innovative skills had no limit and resource-inadequacy is a part of army life and army men can better understand our innovators. He mentioned that the workshop has fulfilled its objective and now its ESM's turn to go back and involve more and more ESM to participate in this movement in the identified areas

according to their skills. He also requested the ESMs to keep in touch with the developments and updates to keep the contacts alive.

A question answer round was also held in which the participants cleared their doubts, shared their views about the workshop and suggested certain ways to take this movement forward to make India Innovative. Some of the suggestions were.

1. Every participant should now spread a word about this workshop and this movement.
2. To spread the message about this movement, each participant of the workshop may post five post cards to his friends and request them to get involved
3. ESMs may discuss about this movement while in military canteen or in banks
4. Such awareness workshops could be organized more frequently through District Soldier Board.
5. Steps should be taken to provide laboratory facilities to the grassroots innovators where they can implement their ideas immediately before these ideas die.
6. Honey Bee issues should be made available to the participants.
7. ESM may plan for a shodh-yatra exclusively for Ex-Servicemen, if not for 10-12 days then at least for 2- days. This will encourage them more for getting involved
8. Tailor made course could be made to educate innovators about how to become entrepreneurs.
9. Students association may be increased in this movement, particularly students of NCC.

Sh. Inderjit Khanna presented the vote of thanks to all the participants with special mention about the Ex-Servicemen for sparing their valuable time for the workshop, the innovators without whose participation the workshop was incomplete, Honey Bee Collaborators, the Directorate General of EME and to Brig. Ganesham whose initiative actually resulted in this workshop. He finally termed the ESM who participated in the workshop as the Ambassadors of GIAN and NIF and mentioned that GIAN and NIF need their contribution of skills and time but would bear the expenses made at actual while contributing in these activities.

An exhibition on grassroots innovations was also organized during the workshop wherein innovators themselves demonstrated their innovations. The participants showed keen interest in educating themselves about the innovations and gave every encouragement to our innovators. The list of innovations exhibited is enclosed as *Annexure – 3*.

The images of the workshop and the exhibition are enclosed as *Annexure–4*.

**Rajeev Singhal**

CIM (a)

GIAN-North

September 10, 2005

## Annexure – 1

## Participants of Ex-Servicemen Workshop

A- Ex-Servicemen			
SNo	Name	Address	Telephone
1	Capt. Jag Ram Arya Ref. - Santosh Kumar	Keshav Nagar, Street No. 1, Singhana Road, Narnaul District - Mahendragarh (Haryana)	01282-257840
2	Sub./Hony Capt. Vijay Singh Rawat	Village-Lalawa Amar Singh Ka Bania, Post- Nayaganv, tehsil : Masuda, Distt. Ajmer (Rajasthan)-305623	0146-2309567
3	Sh. Raham Singh	Village-Ragunathpura, Post: Hemind Pur, Tehsil- Narnaul, Distt- Mahendergarh (Haryana)	01282-254563
4	Ex. Sub. Ramawatar	RZD -1/ 257, Gali No.5 Mahaveer Enclave (Palam) New Delhi -110045	011-25056227
5	Hony Capt. Lal Singh	Village - Sisoth, Post- Mhindergarh, Distt.- Mahendergarh (Haryana)	01285-222095
6	Sub. Shri Ram	VPO- Napwali, Tehsil- Neem Ka Than Distt Sikar, Rajasthan	01574-230901
7	Ex N K Bhanwar Lal Jat	Village - Sonrya ka Bass, Post- Sihot Bari, Distt Sikar (Rajasthan) - 332028	01572-266112
8	Ex- Hav. VM / AFV Devendra Kumar	Village: Bhagwari Khurd, PO Guwana, Distt. Alwar (Rajasthan)	01494-222154
9	Sh. Heera Lal Saini	Village - Post -Mundawar, Distt; Alwar (Rajasthan)	01495-260509(R), 260127(O)
10	Ex. N K , Shiv Raj Singh	Village - Bania Ka Bass, Post - Hingoniya, Via- Jobner, Distt. Jaipur (Rajasthan) - 303328	01424-230112
11	Sh. Hukam Chand Sharma	Village - Majra, PO - Bharot, Distt. Alwar (Rajasthan)- 301401	NA
12	Sub/Maj./Capt. Suwa Lal Dholia	Village Post - Kuchil, Distt. Ajmer (rajasthan)	01491-224254
13	Sh. Mool Chand	Village - Rajchowki, PO- Hingwahera, Tehsil - Tijara, Distt.- Alwar (Rajasthan)	01469-222360
14	Sub. Ram Dev Jat	Village Post - Bhadwa, Tehsil - Phulera, Distt.- Jaipur (Rajasthan)	*****5144640
15	Hav. Sunil Kumar	Villagen -Yadavpyr, Post - Dharan, Distt. Rewari (Haryana) -123412	01284-267721
16	Ex Hav. Santosh kumar	Keshav Nagar, Street No. 1, Singhana Road, Narnaul District - Mahendragarh (Haryana)	01282-255103

17	Ex/NK/TCM(R) Amar Singh Jat	S/o Sh. Ram Dayal Jat, Village-Post - Ramsingh Pura; Tehsil - Kotputli, Distt. - Jaipur (Rajasthan)	01421-222118
18	Ex CFN Bal Ram	Village - Jharka, Post-Harsaoli, Distt. - Alwar (Rajasthan)	01460-236570
19	Ex Sub. Jag Ram	Village Post- Mirpur, Distt. Rewari (Haryana) - 123502	9818751460
20	Ex. Army Link. Dal Chand	VPO - Piprau, Tehsil - Nadbai, Via - Akhalgarh, Distt. - Bharatpur (Rajasthan) -321614	9829829303
21	Ex Nb/Sub. Rajendra Singh	Village Post-Bibipur, Tehsil - Fatehpur, Distt. Sikar (Rajasthan)	01571-286308
22	Ex Sub Lal Chand Karwasra	Village - Dhandharia, PO - Bajawa - Mandrella, Distt - Jhunjhunu(Rajasthan)	01596-517331, 272340
23	Ex Sub. Jagdish Prasad	Village & Post - Garhi Rulhal, Distt - Mahender Garh, (Haryana)-123021	9416184632
24	Ex HN / Sub. Sube Singh	Village&Post - Gokal Garh, Tehsil & Distt.- Rewari (Haryana)-123401	01274-200272, 09812271338
25	Sub. Laxman Singh Gaur	Bohara Coloney, Kekri, Distt.- Ajmer (Rajasthan)	01467-222965
26	Ex (CEN) Lal Chand	S/o Sh. Fool Chand, Village - Dantal, Post - Nangal Iunia, Distt. - Mohandergarh (Haryana)	01282-395043
27	Sh. Ishwar Singh	Village & Post- Dongra Ahir, Distt Mahindragarh (Haryana) - 121027	01285-243738
28	Ex. L/NK G L Yadav	Village & Post - Nagwa, Distt. - Sikar (Rajasthan)	01577-260242
29	Ex Sub Maj Norang Lal Jangid	Village & Post- Kolida, Via.- Kudan, Distt. - Sikar (Rajasthan) - 332040	01572-220340
30	Ex Sub Bahadur Mal	Village & Post - Raipur Aherai, Distt. - Jhunjhunu (Rajasthan)- 333525	9416421978
31	Ex Sub B R Khati	S - 149, Street No. 4, Som Bazar Road, Raja Puri, Uttam Nagar, New Delhi - 110059	011-25330310(R), 09891815492
32	Ex Capt. Tara Chand Chaudhary	D-5, Vijay Vihar, Ambabadi, Jaipur	0141-2234004(R), 2204480(o)
33	Ex. Lt Col. Jai Prakash	101, Offeciser's Campus, Khatipura Jaipur	0141-2352708
34	Sh. Dasrath Singh	143, Bhupal Nagar, Sanganer-Jaipur(R ajasthan)	9414780116
35	Ex Sub. Bhom Singh Tanwar	Village & Post - Baneti, Tehsil - Kotputli, Distt. Jaipur	01421-287181

		(Rajasthan)	
36	Ex. Mj.Cdr V D Verma	200,199 Officers Campus Extern, Sirsi Road, Jaipur (Rajasthan)-302017	0141-2353303, 0141-2353728
37	Sudheer Kumar Sharma	5/96A, Bhawani Singh Lane, Bhawani Road, C-Scheme (Jaipur)	9351165603
38	Ex NK Shiv Raj Singh Nathawat	S/o Sh. Ganga Singh Nathawat, Village Benia ka Baas, Post - Hingoniya, Via.- Jobner, Distt.- Jaipur (Rajasthan)-303328	01424-230112
39	Col. R KS Bijarnia	138, Anand Nagar, Sirsi Road, Khatipura, Jaipur( Rajasthan)	0141-2350931, 0141-2074632
<b>B- Innovators</b>			
1	Sh. Sagarmal Samota	S/o Sh Arjun Lal Samota, Village & Post Pujari Ka Baas, Via - Jajod Kheri, Tehsil-Shrimadhapur, Distt. Sikar (Rajasthan)	9828348236, 01575-244655
2	Sh. Hardev Ram Samota	S/o Sh Arjun Lal Samota, Village & Post Pujari Ka Baas, Via - Jajod Kheri, Tehsil-Shrimadhapur, Distt. Sikar (Rajasthan)	9828348236, 01575-244655
3	Sh. Vasu Dev Purohit	Pl. No. 27/6, B Tiiek Colony, Rajpura Dariba Mines, Distt Rajasamand (Rajasthan) - 313211	02952-265623
4	Sh. Ramesh Nehra	Kumawat Sadan, Dhron Colony, Shahpura Jaipur (rajasthan)	01422-224331 9414451542
5	Sh. Royal Deep Singh	# 8838/5, Railway Road Ambala City (Haryana)	0171-2519471 09416195026
6	Sh. Rahul Thakur	# 8838/5, Railway Road Ambala City (Haryana)	0171-2519471 09416195026
7	Sh. Arvind Dhri	# 8838/5, Railway Road Ambala City (Haryana)	0171-2519471 09416195026
8	Sh. Navrish Kaushal	# 8838/5, Railway Road Ambala City (Haryana)	0171-2519471, 09416195026
9	Sh. Prem Singh Saini	Pasiala, Distt Ambala (haryana)	0171-2830187, 09818282878
10	Sh. Niranjan Prashad Sharma	Chota Khudaganj, Pilibhit (UP)	05882-259158
11	Md. Idris Khan	PI No. 37, Tisari Road, Bra Puri Meerut, In Front of Jaaton Wali Gali (UP)	9837168444
12	Sh. Chandra Pal Singh	Village- Dofada, Post - Chilma bazar, Distt- Basti (UP)-272301	

13	Sh. Amandeep Singh	S/o Sh Angrej Singh, Ward Nio 25, Bhagat Pura Road, Sangaria Distt- Hanumangarh(Rajasthan) - 335063	01499-222473, 09414535833
14	Sh. Gopal Kumar Salooja	House No. - 86, Dayal Baag, Oppsit Shiv Mandir, Mahesh Nagar, Ambala Cant (Haryana)	09813465626 gopal_salooja2002@ya hoo.com, gopal_salooja2002@re diffmail.com
15	Sh. Nitin Kumar Tyagi	Village & Post -Uperha, tehsil - Hapur, Distt. Gaziabad (UP)	9319321474
16	Sh. Madan Lal Kumawat	ShivShankar Madan Lal Krishyantra Udyog, P O -Danta (Sikar Road), Distt- Sikar (rajasthan)	01577-272750
17	Sh. Yusuf Khan	Fethapur Road Sikar (Rajasthan)	01572-2512786, 9414210842
<b>C - Honey Bee Collaborators</b>			
1	Sh. Sunda Ram Verma	Village & Post - Danta , Distt. Sikar (Rajasthan)	01577-270074
2	Sh. Kamal Jeet	E-24, D-1 type, Bapu Dham, San Martin Marg, Chankyapuri - Newdelhi	9891270206 kamal@nifindia.org
<b>D- Distinguished Invitees &amp; GIAN/NIF Officials</b>			
1	Brig. P Ganesham	DDG, EME, Delhi	011-23019478, <a href="mailto:ganeshpogula@hotmail.com">ganeshpogula@hotmail.com</a>
2	Sh. Inderjit Khanna	Cimmissioner, Rajasthan State Election Commission and Chairman GIAN-North	0141-2227621
3	Sh. Manish Saxena	National Innovation Foundation, Ahmedabad	079- 26732456, 098253169 94
4	Mrs. Amita Gill	Project Director, D.S.T, Rajasthan	0141-2200726
5	Sh. V D Narang	EMI, Jhalana Dungri, Jaipur	
6	Sh. Sudhanshu Garg	Jaipur	9828601019
7	Sh. Rajeev Singhal	GIAN-North, Jaipur	9828453201
8	Sh. Sanwal Singh Meena	GIAN-North, Jaipur	9829732799
9	Sh. Rajeev Sharma	GIAN-North, Jaipur	9829164481
10	Sh. Kailash Kumawat	GIAN-North, Jaipur	0141-2705542/ 43
<b>E- Media Personals</b>			
1	Sh. Rajander Singh	E. TV News, Rajasthyan, Bhavani Singh Lane Bhavani Singh Road	2744045
2	Representative	Door Darshan, Jaipur	2711458
3	Sh. Gulab Batra	Univarta, Jaipur	2365695, 2372670, 2373419(F)
4	Representative	Rajasthan Patrika	

**Annexure – 2**

**Statistics about NIF/ GIAN database**

**Innovation database:**

Over 51,000 innovations (till 4th competition)

**Awarded: 261**

106 (first competition),  
57 (second competition) and  
98 (third competition)

**Diffusion through Commercialization:**

22 Enterprises  
14 technology transfers in India  
1 technology transfer internationally

**Intellectual Property Protection**

Total Number of Patent Applications applied till date in India and abroad **70**

Total Number of Patents applied in USA **six (6)**

Total Number of Trade Mark Applications applied till date **5**

Total Number of Design Applications applied till date **4**

Total Granted: **Three (3)** in USA; **One (1)** in India:

Total Published: **One (1)** in USA

Total Accepted: **one (1)** in India

**First Competition**

Scouted 948 entries and 1613 innovations

Awarded - 89 outstanding innovators and traditional knowledge holders and 17 scouts

Hon'ble Sh. K.C. Pant conferred the prizes

**Second Competition**

Scouted 6228 entries and 13533 innovations

Awarded 52 outstanding innovators and traditional knowledge holders and 5 scouts

Hon'ble President of India, Shri. A P J Abdul Kalam honoured the innovators

**Third Competition**

Scouted 15000 entries and 21000 innovations

Awarded 98 outstanding innovators and traditional knowledge holders

Hon'ble President of India, Shri. A P J Abdul Kalam honoured the innovators

## Annexure – 3

## The innovations exhibited during the Workshop

SNo	Innovator	Innovation	Exhibits
1	Sh. Vasu Dev Purohit	ChainDrive System for Desert Cooler	Prototype, Poster and Video
2	Sh. Prem Singh Saini	- Mobile operated Switch for irrigation system - Model for road transport safety - Infrared sensor based automatic electronic switch	Models, Prototypes and Poster
3	Niranjan Prashad Sharma	- Dosa Burner - Water kerosene Stove	Poster and Prototype
4	Md. Idris Khan	Bicycle operated Horse Shaver	Product and Poster
5	Sh. Chandra Pal Singh	Improved Fodder Cutter	Poster and Video. Prototype procured but in demonstrable stage.
6	Sh. Amandeep Singh	Solar Powered Lamination Machine	Static Prototype and Poster
7	Sh. Nitin Kumar Tyagi	- Ultrasonic Rat Repeller - Temperature Sensor based Switch for Fire extinguisher - Machine for making pallets from vermin compost - Potato Digger - Water Tube Well - Grain Storage Tank and many more	First two Prototypes and rest on a PPT presentation
8	Sh. Sagarmal Samota	Cattle Powered Prime Mover	Poster and Video
9	Md. Sameer-ul-Hassan Liyakati	Pumpless Pressure Stove	Prototype and Poster
10	Sh. Ramesh Nehra	Herbal Medicine for Kidney Stone	Poster
11	Sh. Royal Deep Singh and his team	Electricity Generation from Road Vehicles	Table Top Model
12	Sh. Gopal Kumar Salooja	Ceiling Cooler	Photograph

**Annexure – 4**  
**Some Images of the workshop and the Exhibition**

