

**Bio Data of Dr Nawab Ali**  
**DDG (Engg), ICAR, New Delhi – 110 012**

- 1. Name in full** : **Ali Nawab Dr**  
(Surname followed by forename)
- 2. Date and place of Birth** : 01-01-1947; Village -Sheopur, P.O.- Piperson  
(Via- Birdpur), District - Siddharthanagar,  
Pin - 272 202 U.P., India
- 3. Whether belongs to SC/ST/Minority Interest/Backward Area, if so, please specify** : None of these, General Category
- 4. Field of specialization** : **Agricultural Structures and Process Engineering**
- 5. Designation** : **Deputy Director-General (Engg), ICAR**
- 6. Address**
- 6.1 Official Tel. No. : 91-11-25843415
- Fax No. : 91-11-25842660
- E-mail : <nali@icar.org.in>
- Address : Indian Council of Agricultural Research  
Krishi Anusandhan Bhavan-II, Pusa,  
New Delhi – 110 012, India.
- 6.2 Residential Tel. No. : --- 91-11-25842453  
Address: --- C-303, NASC Residential Campus,  
D.P. Shastri Marg, Pusa, New Delhi-110012.

**7. Academic career and professional attainments**

	<b>Degree</b>	<b>University/ Institution</b>	<b>Year</b>	<b>Distinction, if any</b>
<b>Academic Records</b>				
7.1	B.Sc. (Agril. Engg.)	Allahabad	1968	Ist Division
7.2	M.Tech. (Agril. Engg.)	IIT, Kharagpur	1970	2.5/ 3.0 GPA
7.3	Ph.D. (Agril. Engg.)	IIT, Kharagpur	1975	IIT, Kharagpur did not award division at Ph.D. level

<b>Professional Attainment</b>	
7.4	Have 10 years of active research and 23 years of research and research management experiences in different capacities. Team Leader of PHT Scheme (1974-1978); Head - Post Harvest Engineering Division (1979-1981); Project Coordinator of AICRP on PHT (1982-1985) and Project Director, SPU (1986-2002). Also worked as OSD, CIPHET, Ludhiana (1989-1991) and Director I/c. ILRI, Ranchi (1993).
7.5	Short-term Consultant to ESCAP/ RNAM of UN at Bangkok, Thailand in 1997 and also <b>FAO-TCDC Consultant to Myanmar</b> during 5 <sup>th</sup> January to 4 <sup>th</sup> February, 2004.
<b>8 Special attainments</b>	
8.1	Made significant contributions in Rice Post Harvest Technology such as optimum stage for harvesting, drying, parboiling, storage and milling. Developed process and equipment for making fullfat soyflour, soydal and soypaneer at domestic and cottage levels. Substantial research has been done on wheat, soybean, sorghum and groundnut in the field of harvesting, drying, storage and physico-chemical properties, contributed in bringing out 12 standards on post-harvest equipments such as cleaners, graders, dryers, polished decorticator, sugarcane crusher, etc. to Bureau of Indian Standards (BIS), New Delhi.
8.2	Developed <b>19 soyproducts</b> (foods) and <b>20 cottage level soybean processing equipments</b> and established pilot level production facility for six products. Trained <b>430</b> entrepreneurs in soybased food manufacture and marketing and <b>320</b> women in soybean domestic utilization.
<b>9. Awards received</b>	
9.1	Jawahar Lal Nehru Award of ICAR in 1977
9.2	ISAE Commendation Medals in 1985 and 1998
9.3	ISAE Fellowship in 1999
9.4	ISAE Gold Medal in 2002
<b>10. Peer recognition</b>	
10.1	Member-Secretary, CC for ISPUC-III held at Tsukuba, Japan, October, 2002.
10.2	President, Bhopal Chapter of AFST (India)
10.3	Returning Officer for ISAE for two elections (2000-2002 and 2002-2004)
10.4	Convener of 33rd Annual Convention of ISAE in September, 1998
10.5	Member of CC for ISPUC-IV for March, 2004

## 11. Membership of Professional Societies/Bodies

- 11.1 Life Member, Indian Society of Agricultural Engineering (ISAE)
- 11.2 Life Member, Association of Food Scientists & Technologists of India (AFST-India)
- 11.3 Life Member, Nutrition Society of India (NSI)
- 11.4 President, Bhopal Chapter of AFST (I), since 1991-92 and continuing

## 12. Employment Details

Organization	Designation	From	To	Nature of Work
ICAR, New Delhi	DDG (Engg), ICAR	11-04-2005	Continuing	Research Management
CIAE, Bhopal	Director, CIAE	11-11-2002	08-04-2005	Research Management
CIAE, Bhopal	Project Director, SPU	20-11-1986	10-11-2002	Research Management
CIAE, Bhopal	I/c PD, SPU	10-05-1985	19-11-1986	Research Management
CIAE, Bhopal	PC, AICRP on PHT	29-12-1981	09-05-1985	Research Management & Coordination
CIAE, Bhopal	Head, APD/PHE	07-10-1979	28-12-1981	Research & Research Management
CIAE, Bhopal	Scientist, S-3	10-09-1979	06-10-1979	Research & Development
CIAE, Bhopal	Scientist, S-2	09-10-1978	09-09-1979	Research & Development
IIT, Kharagpur	RO/Asstt. Prof.	01-02-1974	07-10-1978	Research & Teaching

## 13. Advanced Training

- 13.1 **Summer School/ Institute on Agricultural Processing** at IIT, Kharagpur. 15 May to 10 June, 1972.
- 13.2 **Summer School/ Institute on Inland Aquaculture** at CIFRI, Barrackpore, West Bengal. 19 June to 18 July, 1978.
- 13.3 **Advanced Training in Storage Technology of Durable Agricultural Commodities in the Tropic.** ONDRI/ TDRI/ TPI, Slough, London, UK. 01 September to 30 November, 1982.
- 13.4 **Training in Agricultural Research Project Management.** NAARM, Hyderabad. 25 July to 10 August, 1984.
- 13.5 **Director's Management Workshop on Transience in Organization - Change Management.** NAARM, Hyderabad. 27-30 October, 2003.

## 14. Publications

14.1	Research Journals	:	18
14.2	Technical Journals	:	33
14.3	International Proceedings	:	13
14.4	National Proceedings	:	18
14.5	Popular Articles, Information Brochures and Leaflets	:	10
14.6	Technical Reports / Reviews	:	41
14.7	Technical Bulletins	:	07
14.8	Books & Book Chapters	:	21
14.9	Presented papers	:	62

-----  
**Total** : **223**  
 -----

## 15. Travels abroad/Foreign visits

Country	Duration	Year	Purpose
<i>U.K.</i>	3-months (Sep-Nov)	1982	Advanced Training in Storage Technology of Durables
<i>Srilanka</i>	16-26 January	1985	Workshop on Soybean Processing and Utilization
<i>USA</i>	26 August to 16 September	1986	Study Tour related to Soybean Processing and Utilization (SPU) activities at major institutions
<i>Argentina</i>	5-9 March	1989	To participate and present paper in the World Soybean Research Conference -IV (WSRC-IV)
<i>USA</i>	10-26 March	1989	Visit to US Institutions/ University namely <b>WRI</b> , Arlington; <b>MSU</b> , East Lansing; <b>UI</b> , Urbana; <b>KSU</b> , Manhattan; <b>AIB</b> , Manhattan; <b>CSU</b> , Fort Collins and <b>WWI</b> , Boulder to have <b>information exchange</b> with <b>experts</b> and <b>SPU trainees</b> on Soybean Processing and Utilization
<i>China</i>	26-June to 4 July	1990	To participate and present paper in the International Soybean Processing and Utilization Conference-I (ISPUC-I)
<i>Thailand</i>	2-7 March	1992	FAO Workshop on Soybean
<i>Srilanka</i>	9-11 June	1993	Visit to small scale Soybean Processing Plants in Srilanka
<i>Thailand</i>	21-26 February	1994	To participate and present paper in the World Soybean Research Conference -V (WSRC-V)
<i>Thailand</i>	8-13 January	1996	To participate and present paper in the International Soybean Processing and Utilization Conference-II (ISPUC-II)
<i>Thailand</i>	20 January to 28 February	1997	Consultancy to Economic and Social Commission for Asia and Pacific (ESCAP)/Regional Network for Agricultural Machinery (RNAM) of United Nations in the area of Post Harvest Technology for Women
<i>USA</i>	4-7 August	1999	To participate and present paper in the World Soybean Research Conference -VI (WSRC-VI)
<i>Japan</i>	9-20 October	2000	To participate in the APO sponsored seminar on Processing and Utilization of Legumes at Tokyo (9-14 October, 2000) and to participate and present an invited paper in the 3rd International Soybean Processing and Utilization Conference (ISPUC-III) at Tsukuba, Japan (15-20 October, 2000)
<i>China</i>	3-5 November	2003	To participate in the UN-ESCAP/APCAEM Regional Seminar on Post Harvest Technology of Major Crops. Seminar was held at Kunming, China.
<i>Myanmar</i>	5 Jan to 4 Feb	2004	FAO-TCDC Consultancy on Soybean Processing and Utilization for Myanmar.
<i>Brazil</i>	29 Feb to 5 March	2004	To participate and present paper in the Fourth International Soybean Processing and Utilization Conference- (ISPUC-IV), Seventh World Soybean Research Conference (WSRC-VII) and Third Brazilian Soybean Congress (BSC-III)
<i>Afghanistan</i>	22-29 April	2006	To draw up a joint Biennial Workplan under the MOU on cooperation in the field of agricultural research and education signed between the Government of India & Afghanistan.

(Dr Nawab Ali)

Place : New Delhi  
 Dated : Feb., 2006

**A Brief Biodata of Dr. Nawab Ali,  
DDG (Engg), ICAR, New Delhi – 110 012**



Dr. Nawab Ali is an Agricultural and Food Engineer. He was born on 1<sup>st</sup> January, 1947 and obtained his Bachelor degree in Agricultural Engineering in 1968 from the University of Allahabad and Master and Ph.D. degrees in Agricultural Engineering from the Indian Institute of Technology (IIT), Kharagpur in 1970 and 1975 respectively. He is recipients of **Jawaharlal Nehru Award** of the Indian Council of Agricultural Research (ICAR) in 1977 for an Outstanding Post-Graduate Research in Agriculture and the **Commendation Medals** of the Indian Society of Agricultural Engineers (ISAE) in 1985 for his significant contribution in the area of Post-Harvest Technology and in 1998 for his distinguished services to the Society. He has also been made **Fellow of ISAE** in 1998 and awarded the **ISAE Gold Medal** in 2002. Dr Ali is a life member of ISAE and the Association of Food Scientists and Technologist (AFST), India. He is also a life member of the Nutritional Society of India (NSI).

Dr Ali started his service career at IIT, Kharagpur in 1974 and after serving IIT for about 4.7 years as Research Officer/Assistant Professor, he joined the Central Institute of Agricultural Engineering (CIAE), Bhopal in October, 1978 where he worked as **Head, Post Harvest Engineering Division** and **Project Coordinator** of the All India Coordinated Research Project on Post-Harvest Technology, upto October, 1986. In November, 1986, Dr Ali was appointed as **Project Director** of Soybean Processing & Utilization Project (SPU) at CIAE, Bhopal. Dr Ali also worked as **Officer on Special Duty (OSD)** and initiated the establishment of the Central Institute of Post-Harvest Engineering and Technology (CIPHET) at Ludhiana during 1989-91. He also served the Indian Lac Research Institute (ILRI), Ranchi as its **Acting Director** during July - October, 1993. Dr. Ali continued as Project Director, SPU till 10 November, 2002 and then he was appointed as **Director, CIAE** w.e.f. 11 November, 2002 and he served there up to 8<sup>th</sup> April, 2005. Thereafter, he joined as **Deputy Director-General (Engg), ICAR, New Delhi** on 11<sup>th</sup> April, 2005 and as of now he is **continuing** on this post.

**SPU Centre**, at CIAE, Bhopal under his leadership, has developed **19 soy-products** and **20 soybean processing equipments** and pilot scale production facilities for **six soy-products**. He has also established well equipped laboratories for product development, quality control and pilot plants for training and entrepreneurship development. SPU is a unique R&D infrastructure of its kind in India having a multi-disciplinary team consisting of *Process and Food Engineers, Food Scientists and Technologists, Biochemists, Microbiologists, Home Scientists and Economist* to develop and disseminate technology for processing and utilization of soybean and other food legumes. His other major contributions are in the area of **rice post-harvest technology** on optimum stage of harvesting, parboiling, drying, storage and milling. Dr Ali has published more than 200 papers.

Dr Ali has visited a number of countries like **Sri Lanka, UK, USA, Japan, Argentina, China, Thailand, Myanmar, Brazil and Afghanistan** and participated in a number of international meetings, seminars & conferences and presented papers. He also did an **international assignment** to the United Nations in 1997 at Bangkok, Thailand. Dr Ali served as **member-secretary, Continuing Committee (CC)**, for the **3<sup>rd</sup> International Soybean Processing and Utilization Conference (ISPUC-III)** held at Tsukuba, Japan in October, 2000 and as a member of the CC for ISPUC-IV. He did **FAO-TCDC consultancy on Soybean Processing and Utilization** to Grain Legume Project in Myanmar during 5 January to 4 February, 2004. Dr. Ali participated in ISPUC-IV as an **invited speaker**. The Conference was held at Foz-do-Iguassu, Brazil during 29 February to 5 March, 2004.