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ANNUAL REPORT 2014-15



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April 1st, 2014 to March 31st, 2015



AGRICULTURAL SCIENTISTS RECRUITMENT BOARD Indian Council of Agricultural Research Krishi Anusandhan Bhavan I, Pusa, New Delhi 110 012



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Foreword

T is indeed my proud privilege to present this Annual Report of Agricultural Scientists Recruitment Board for the period April 1st, 2014 to March 31st, 2015. Induction of human resource and its development being a regular feature, ASRB's mandated activities in that sense carries a continuity. It is however the value and quality addition to various recruitment processes and their optimization from time to time that makes the difference. The period of this report was particularly eventful in this context since the reform and refinement initiatives of the Board got an altogether new direction and impetus. Whether it was Hon'ble Prime Minister's exhortation for '*Sabka Saath, SabkaVikas*', 'Each Drop More Crop', Digital India and Lab to Land or Hon'ble Agriculture Minister's emphasis on reaching the farmer and increasing his income, the focus was crystal clear for achieving rural progress and prosperity through farmer centric research support solutions for the farm sector. I am indeed very happy that the Board could effectively adopt these new policy roadmaps to reorient and optimize its ongoing reform processes aimed at induction of highest quality manpower for strengthening the National Agricultural Research System (NARS).

There has always been a concern as to how best to integrate local level contributions especially by the scientists engaged at KVK's, difficult areas etc. into the award, reward, recognition and career advancement systems so as to incentivize, motivate and recognize their work. Hon'ble AM and President, ICAR has been particularly emphasizing for bridging this gap to strengthen local level research system support and hand holding of the farmers. I am happy that ASRB has been able to undertake comprehensive revision of the scorecard system to meet these expectations. Once the revised scorecard system is put in place, we can expect qualitative improvements in respect of the manpower inducted through lateral entry to man research as well as research management positions in ICAR.

We have been witnessing explosive growth in the scale, scope and specialization of agricultural education. Resultantly the Board is constantly flooded with requests to incorporate not only the newer disciplines to Agricultural Research Service (ARS) & National Eligibility Test (NET) but also to expand, merge, converge or integrate newer study areas to the existing subject syllabi. The Board could accommodate quite a few such requests where these were found to be having really bonafide justifications. However, in most cases it become difficult to entertain such requests without larger policy level examination to avoid creating imbalances. Moreover the disciplines and syllabi of the ARS and NET have invariably to be attuned to the larger research and educational requirements of the NARS. I am happy to share in this regard that the Board could also have the broadest possible expert opinion on all such issues in a 'Workshop cum Brainstorming on Optimizing Talent Search for NARES' held at NDRI, Karnal in January, 2015. The draft recommendations emerging from this two day exercise are already under active finalization process. Once these are implemented, hopefully most issues related to recruitment and assessment shall get resolved in the best interest of the system.

Timely promotions under the Career Advancement Scheme (CAS) do serve as a strong motivating factor to optimize the efficiency and output of the scientists. The Board took special care in this regard. Promotions under CAS from Senior Scientist to Principal Scientist grade could be made completely up-to-date during the period. We have further put in place the requisite time frames for such cases to be kept up-to-date in future too so that the scientists get their bonafide career advancement promotions well in time.

Based on our experience of online ARS (Prelim.) and NET as well as some other examinations, efforts are afoot to work out online registration of applications for lateral/direct recruitment posts as well as for promotions under the CAS. The system will, of course, be implemented only, after fool proof customization is ensured through pilot drills and trials. Strengthening of ASRB in term



of needed additional regular manpower remains a concern. We are ever hopeful, the same shall also be met in the near future. Another long pending issue has been an independent office building for the ASRB so that needed security features and other work parameters befitting a national level recruitment & examination body could be put in place. In fact this is our single most major item in the HQ's XII Plan EFC that may hopefully materialize in the near future.

The ASRB will remain especially indebted to Hon'ble Sh. Radha Mohan Singh Ji, President, ICAR Society and Union Minister of Agriculture, Hon'ble Union Ministers of State for Agriculture Dr Sanjeev Kumar Balyan Ji and Sh. Mohanbhai Kundariya Ji for their constant support, encouragement and visionary guidance. The ever keen help and support of Dr S. Ayyappan, Secretary, DARE and Director General, ICAR; Sh. Arvind R. Kaushal, the earlier Additional Secretary, DARE and Secretary, ICAR; Sh. R. Rajagopal, Additional Secretary, DARE and Secretary, ICAR and Sh. P. K. Pujari, Special Secretary and Financial Advisor, ICAR/DARE in all endeavors of ASRB is acknowledged with utmost gratitude and appreciation.

The ever willing support of my colleagues in ASRB Dr V.N. Sharda and Dr S.K. Bandyopadhyay (Members), Sh. N.S. Randhawa, (Secretary) and other officers and staff is gratefully acknowledged.

The sincere help rendered by Dr Rameshwar Singh, Director, Directorate of Knowledge Management in Agriculture (DKMA), Dr V.K. Bharti, Chief Production Officer and Mr Punit Bhasin, Assistant Chief Technical Officer, Directorate of Knowledge Management in Agriculture (DKMA), ICAR in timely bringing out this report is especially acknowledged.

(Gurbachan Singh) Chairman, ASRB

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Executive Summary

THE Annual Report 2014-15 covers broadly an account of all the mandated activities of Agricultural Scientists Recruitment Board during the period April 1st, 2014 to March 31st, 2015. Recruitment through examinations forms an important activity component. Agricultural Research Service (ARS) examination for induction of entry grade scientists in various disciplines and National Eligibility Test (NET) for meeting certification requirement for recruitment of Assistant Professors/lecturers at State Agricultural Universities (SAUs) are two flagship examinations of the ASRB held at national level. During the period, ARS-2013 examination cycle was successfully completed recommending 362 candidates in 48 ARS disciplines. ARS 2014 was notified on August 09th, 2014 for 307 vacancies in 37 disciplines. ARS (Prelim)-2014 was held completely online during 22nd-28th September, 2014 (27th-31st October, 2014 at Jammu & Kashmir) and ARS -2014 (Main) examination on December 28th, 2014 involving 2,065 qualified candidates. ARS-2014 viva voce in all notified disciplines has been held at ASRB during March-April, 2015 and the result is already finalized. National Eligibility Test (NET) is already being held twice in each year. Accordingly, the NET-2014 (I) was held from March 26th, 2014 to April 04th, 2014 qualifying 2,712 candidates in 55 disciplines. NET-II of 2014 alongwith ARS (2014) preliminary was held from 22nd-28th September, 2014 (27th-31st October, 2014 for Jammu & Kashmir) online and 4,225 candidates in 56 disciplines qualified.

A major initiative was taken to make timely promotions from Senior Scientist to Principal Scientist grade under the CAS. In the process, all 195 cases in 45 disciplines that were due upto the year 2014 were cleared and recommendations sent to ICAR. The promotion percentage on the whole has been around 88% (including 6% deferred promotion) reflecting positively on the innate strength of ICAR's research systems. The CAS promotions have been made up-to-date and time frames have been so fixed for future so as to ensure that the scientists get their legitimate promotions well in time.

Direct recruitment/Lateral appointments to various research, research management and senior management positions have been another important activity during the period. Three open advertisements were issued in the press seeking applications from Indian nationals for eighty six research, sixty two middle level management positions like HODs/Heads of RRS/RC, forty one management positions like Directors of Institutes, PCs, ZPDs and fifteen senior management level positions like National Directors, Deputy Director Generals etc. Recruitment action was taken for a total 143 posts viz. 14 research posts like senior scientists/ Principal scientists, 92 middle level positions like HODs/Head of RRS/RC, 32 management positions like PCs/ZPDs/ Directors and 5 senior RMP positions. Actual recommendations could be made in 117 cases while there were 26 NFS (None Found Suitable) cases.

All India open competitive examination was held on November 23rd, 2014 for posts of Administrative Officers and Finance and Accounts Officers involving 23,987 registered candidates. Evaluation process is already underway. Assistant grade (Preliminary) examination at all India level was held online from January 05th, 2015 to February 02nd, 2015 at 23 centres across India to fill up 270 vacancies under the ICAR system. Limited Departmental Competitive Examination to fill up fourteen posts of Section Officers and Private Secretaries was held on 22nd-23rd December, 2014. Similarly, the Limited Departmental Examination to fill up seven posts of Assistants at ICAR Hqrs was held on 27th-28th November, 2014. Another Limited Departmental Examination to fill up UDC posts of ICAR Hqrs was held on February 27th, 2015.

ASRB completed 41 years of its services to the national agricultural research and education system in 2014. 41st foundation day was celebrated on November 1st, 2014 at New Delhi which had the inaugural address to the scientific fraternity by none other than Sh. Radha Mohan Singh,



Hon'ble AM and President, ICAR. Among other things he underlined an immediate need to provide a sensitive and farmer friendly research support system in particular at grassroots level. Prof. (Dr) Raghavendra Gadagkar, President, Indian National Science Academy while delivering the foundation day lecture explored the infinite potential of present day scientific endeavours. To have a regular sharing of views and feedback with its clients and stakeholders, ASRB has taken the initiative to bring out its bilingual, biannual newsletter. The inaugural issue was released by the Hon'ble AM at 41st foundation day on November 1st, 2014 at New Delhi. There have been lingering concerns from different quarters with regard to the scientific score card as well as scheme, disciplines, syllabi and related issues concerning recruitment on the whole. Many of such concerns have often been expressed and underlined by the Hon'ble AM and President, ICAR himself at different occasions. To have the widest possible expert feedback on such issues in particular from the stakeholders as well as experts from across the scientific systems, ASRB took a first of its kind initiative to have a workshop-cum-brainstorming for two days on 16th-17th January, 2015 at NDRI, Karnal. The participants included the present as well as former SAU Vice Chancellors; Ex-DG, ICAR; Ex-Members, ASRB; former Chairman, UPSC; cross section of ICAR Directors apart from a few very senior executives from Govt. organizations, Chairman and Members of ASRB and few senior functionaries of ICAR. Deliberations were a grand success. Its recommendations are already



Dr Gurbachan Singh, Chairman, ASRB presenting Annual Report 2013-14 to Sh Radha Mohan Singh Ji, Hon'ble Union Agriculture Minister and President, ICAR

in the finalization process and once implemented would hopefully resolve most of such issues in the best interest of the system. This two day workshop-cum-brainstorming was inaugurated by Hon'ble AM and Hon'ble MOS.

Transparency in working is indeed one of the hallmark of any organization. This particularly applies to a national level independent recruitment body like ASRB. Whether it is screenings, interviews or examination processes or even empanelment of advisors/examiners/paper setters/ evaluators etc., the Board has its perpetual internal scrutiny and objectivity checks to ensure transparency at all levels. ASRB have had an exemplary record during the report period in respect of all informations sought under RTI Act that were promptly provided as per the rules. Whether it was in respect of RTI matters or cases agitated before various courts of law involving the ASRB, there had been no such occasion where any stricture or adverse comments, findings or observations etc. were given with regard to decisions of the Board. Similarly, ASRB have had an exemplary implementation record during the period in terms of official language (Hindi) policy of Govt. of India. All possible efforts and facilities including option in interviews were provided to the

candidates for use of official language (Hindi). Special efforts have been made to have maximum possible books in various fields in Hindi at the ASRB library for the benefit of officers and staff, visitors including the experts/advisors/paper setters/evaluators. Special initiative has been made during the period to regularly update, upscale and expand question bank and advisor/expert databases in each discipline including through online inputs and regular digitization.

With the expansion in the number, scope and scale of examinations as well as recruitment activities, some serious constraints on account of shortage of office space and regular administrative manpower have been acutely felt. Hopefully, additional staff requirement may be met by the ICAR in the near future. ASRB has already proposed for its independent office building under the XII plan as part of ICAR Hqrs EFC. Once this requirement is met, the Board can put in place requisite security protocols and related working measures befitting an independent national level recruitment body. The Board enjoys requisite autonomy and independence in its recruitment work. However, constraints are felt in terms of administrative and financial working, in particular with regard to timely revision of honoraria rates and remunerations for experts/advisors/paper setters/ evaluators from time to time and requisite flexibility in regard to the travel of such experts for Board's recruitment work. Once these constraints are addressed by adequate delegation of powers, the Board would indeed be enabled to ensure the highest quality standards of advisors/experts for all recruitment related work which is eminently desirable in the larger interest of the national agricultural research system.

Introduction

Historical Background

Agricultural Scientists Recruitment Board, an independent recruitment body for the Indian Council of Agricultural Research was established by the Government of India in 1973 with the then member of UPSC Dr M.L. Sahare as its founder Chairman. As per its mandate, the ASRB plays a key role in recruitment of best quality scientists and other management personnel for the ICAR Headquarters and research Institutes across the country. In addition, the Board aids and advises the Council in evolving and implementing policies related to induction of human resource and its development including the Career Advancement Schemes for ARS Scientists. Ever since its establishment, more than 41years ago, the ASRB has consistently been endeavouring to reform and refine talentsearch strategies to meet existing as well as emerging needs of the national agricultural research and education system (NARES).

Mandate

The mandate of ASRB is to make available the best human resource to man various positions in the ICAR and its institutes across the country. As per the Cabinet decision on its establishment, the Board was assigned the following initial responsibilities:

- Recruitment to posts in the Agricultural Research Service (ARS) of ICAR and to such other posts and services that the President, ICAR, may specify from time to time.
- Rendering such other assistance to the Council in personnel matters, including promotions as may be required by the President, ICAR.
- Advising the Council on disciplinary matters relating to personnel recruited through ASRB or appointed by the Council in consultation with the Board.

Subsequently, after the creation of the Agricultural Research Service (ARS), as an All-India Service, following additional responsibilities were assigned to the Board:

- Recruitment to the entry level scientists grade of the ARS through an All-India Competitive Examination.
- Induction of existing scientists of ICAR to the ARS under the initial constitution of the ARS.
- Assessment for merit promotion and grant of advance increments to the scientists of the ARS.

In addition, the ASRB has also been entrusted with the recruitment of the technical service personnel

above a certain level as well as for the recruitment to the administrative and accounts management posts such as Administrative Officers/Finance & Accounts Officers, Assistant Director (OL) and Assistant which are required to be filled by direct recruitment or through open competitive examinations. The duties and responsibilities of the Board are enshrined in Rules and Byelaws of the ICAR Society (*Appendix I*).

The Board also conducts National Eligibility Test in 56 approved disciplines twice a year, the qualifying of which is a pre-requisite for the initial recruitment as Assistant Professor/Lecturer in the State Agricultural Universities (SAU's).

Organization

The Board comprises of a Chairman and two Members assisted by a Secretary. To effectively discharge its responsibilities, the Board is supported by two Controller of Examinations, a Deputy Secretary and a Principal Scientist along with other financial, administrative and technical functionaries.

The total sanctioned strength of the officers and staff of the Board as on March 31st, 2015 was 78 *(Appendix X).* The list of the officers and staff of the Board actually in position during the period from April 1st, 2014 to March 31st, 2015 is given in *Appendix XII.*

Expenditure

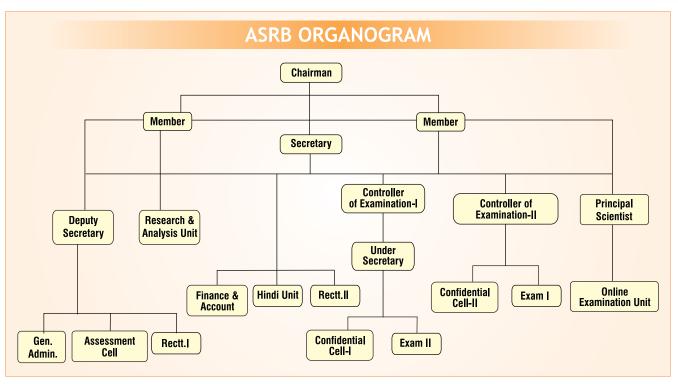
The Board has incurred an expenditure of ₹1651.93 lakh under Non-Plan and ₹598.07 lakh under NAIP/World Bank funded sub-project on online examination system during the period from April 1st, 2014 to March 31st, 2015. The details are given in Appendix II.

Activities

In discharging its mandated functions, the Board undertook various activities related to recruitment & assessment. A comparative statement of important activities accomplished during the past five years is presented in *Appendix III*.

During the period of report the Board did not receive any reference from the ICAR for advice on disciplinary cases, temporary appointments under Rule II (5), read with Rule 15 (5) and appointments on deputation under Rule II (7).





Current Organisational Structure of ASRB

Summary of activities during 2014-15

Ac	tivities	Number
I.	Recruitment by Interviews (Direct Recruitment)	
	 Posts for which recruitment action was pending from previous years Posts for which requisitions were received during the current year Posts for which recruitment action has been completed Applications received for various posts Candidates interviewed Candidates recommended for appointment Cases where no candidate was found suitable for appointment Cases where no candidate attended interview Applications screened for various posts advertised during the year Posts for which recruitment action is in progress No. of posts advertised 	92 118 143 1741 570 117 19 07 2000 164 204
١١.	Recruitment by Examinations	
	 (i) Online Net Examination, 2014(I) held for NET Certification Number of applicants registered Candidates appeared Candidates qualified NET certificates awarded 	18,245 14,178 2,712 2,712
	 (ii) Online Net Examination, 2014(II) held for NET Certification Number of applicants registered Candidates appeared Number of candidates qualified NET certificates awarded 	25,359 18,415 4,225 4,225
	 (iii) ARS Examination,2013 held for entry grade scientists Number of applicants registered for Prelim. Examination Candidates appeared Qualified for Main Examination Candidates appeared in Main Examination Candidates Selected 	17,180 12,850 3,638 3,239 362

Activities	Number
 (iv) ARS Examination, 2014 held for entry grade scientists Number of applicants registered for Prelim. Examination Candidates appeared Qualified for Main Examination Candidates appeared in Main Examination 	12,691 9,177 2,065 1,835
 (v) Assistant Director (OL) Examination Number of applicants registered for Examination Candidates appeared 	534 172
 (vi) Administrative Officer & Finance & Account Officer Examination Number of applicants registered for Examination Candidates appeared 	23,987 10,434
 (vii) Online Examination for Assistant Number of applicants registered for Prelim. Examination Candidates appeared 	70,645 24,468
 III. Assessments and Review of Assessments Assessment of senior scientists for principal scientist grade under revised CAS Assessment of senior scientists for principal scientist grade under Old CAS and review court of Induction of scientists Five yearly Assessments Review of Assessments 	195 cases 50 1 1 1
 IV. Committees appointed For review of Scorecards for Direct Recruitment Review of the list of ICAR units/centers/stations categorized as Disadvantageous areas in terr Scorecard system 	1 ms of the 1

Important Events

Foundation Day Celebrations

ASRB celebrated its 41st Foundation Day on November 1st, 2014 at New Delhi to mark more than four decades of service to the Indian national agricultural research system. Shri Radha Mohan Singh, Union Agriculture Minister and President, ICAR was the Chief Guest. Dr Raghavendra Gadagkar, President, Indian National Science Academy who delivered the foundation day lecture delved deep into the expanding frontiers of science including agricultural sciences.

Workshop cum Brainstorming organized

ASRB organized a two day Workshop cum Brainstorming at NDRI, Karnal on "Optimizing Talent Search for the National Agricultural Research and Education System" on $16^{th} - 17^{th}$ January, 2015. This programme inaugurated by Shri Radha Mohan Singh, Hon'ble Union Agriculture Minister, Government of India had more than fifty selected senior level delegates like Vice-Chancellors of selected SAUs, National Directors of ICAR's Deemed Universities, a cross section of ICAR's Research Institute Directors, senior functionaries of ICAR and sister organizations like DRDO.







Hindi Competition

Board conducted two Hindi Competitions i.e. Hindi Essay Writing and Hindi Letter Writing on March 28th, 2014 and June 06th, 2014 respectively. A large number of officers and employees of ASRB participated in these competitions. Cash Prizes to the winners were given during Hindi Saptaha organized from 14th–22nd September, 2014.



Mrs. Priyamvada, Director (OL), Ministry of Information and Broadcasting, giving away the 1st Prize of Hindi Essay writing to Dr Suresh Pal

Swachh Bharat Abhiyan

Agricultural Scientists Recruitment Board took up work on the ground in the right earnest for success of Swachh Bharat Abhiyan. Dr Gurbachan Singh, Chairman along with Members, other senior officers and the ASRB staff initiated a special cleanliness drive on October 2nd, 2014 at the office premises and surrounding areas of Krishi Anusandhan Bhawan-I.



Chairman & Secretary, ASRB participating in the cleanliness drive



Members and senior officers of ASRB participating in the cleanliness drive

New Year Day Cleanliness Drive

The Chairman, ASRB along with all Officers and staff took active part in the special cleanliness drive in and around Pusa campus on January 1st, 2015.



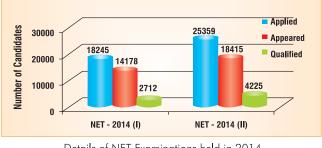
Chairman, ASRB and other officers of ICAR participating in cleanliness drive

2

National Eligibility Test (NET)

NET Examinations

NET is an essential prerequisite qualification for determining eligibility for recruitment of Lecturer/Assistant Professor in State Agricultural Universities (SAUs) and other General Universities with Agricultural Faculty. During the year, two NET examinations i.e. NET-2014 (I) and NET-2014 (II) were conducted in online mode in 55 disciplines at 21 centers across the country from March 26th to April 04th, 2014 and 22nd-28th September, 2014 (for Jammu and Kashmir Centre during 27th-31st October, 2014) respectively. In the first NET examination, 18,245 candidates had applied while 25,359 had applied for the 2nd NET examination. A total of 14,178 and 18,415 candidates actually appeared in the two NET examinations respectively. In the first NET, 2,712 (19%) candidates qualified the examination while 4,225 (23%) qualified the second NET examination.In the second NET examinations, candidates qualified in all disciplines while in the first NET examination none could qualify in two disciplines namely Animal Reproduction & Gynaecology and Home Sciences (Appendix IV A).

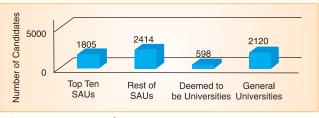


Details of NET Examinations held in 2014

The highest percentage of qualified candidates in both examinations was in the discipline of Veterinary Anatomy (70.11%) followed by Veterinary Parasitology (59.46%), Poultry Science (58.49%), Fish Nutrition (54.29%) and lowest percentage was in the discipline of Home Science (0.25%). In 10 disciplines, the success rate was less than 10%.

Organization wise contribution

As per analysis of data, out of 6,937 qualified candidates in both the examination, 35% were from ten State Agricultural Universities & ICAR Deemed to be Universities (TNAU, Coimbatore; ANGRAU, Hyderabad; GBPUA&T, Pantnagar; UAS, Bangalore; Dr PDKV, Akola; Dr YSPUH&F, Solan; BCKV, Nadia; PAU, Ludhiana; UAS, Dharwad, AAU, Anand and ICAR-IARI, New Delhi; ICAR-IVRI, Izatnagar; ICAR-CIFE, Mumbai; ICAR-

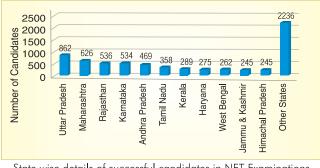


Organization wise performance in NET Examinations 2014-1&II

NDRI, Karnal) and the remaining 35% from rest of SAUs and 30% from General Universities.

State wise distrubution

State-wise distribution remained skewed. 68% of successful candidates came from just 11 states (Uttar Pradesh, Maharashtra, Rajasthan, Karnataka, Andhra Pradesh, Tamil Nadu, Kerala, Haryana, West Bengal, Jammu & Kashmir and Himachal Pradesh) while states like Chandigarh (Territory State), Andaman & Nicobar Islands, Lakshadweep, Goa, and Daman and Diu, had very little representation in the list of successful candidates.

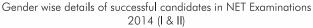


State wise details of successful candidates in NET Examinations 2014 (I & II)

Gender wise distribution

Among the 6,937 qualified candidates, there were 41% female candidates.



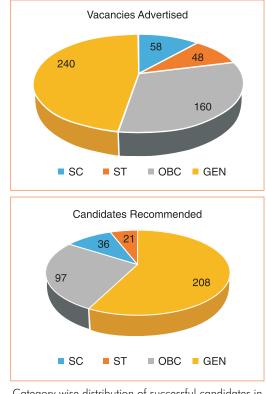




Recruitment Through Examinations

Agricultural Research Service Examination-2013

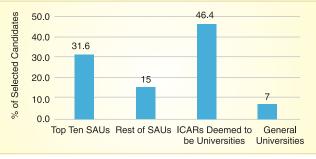
The Agricultural Research Service Examination (Preliminary) was held on December 29th, 2013 at 33 centres, wherein 12,850 candidates appeared in 48 disciplines. 3,638 candidates qualified for the main examination and 3,239 actually appeared for the main examination held on March 9th, 2014 at 12 centres across the country. 1,091 candidates were called for the interviews against 506 vacancies in 48 disciplines. Eventually 362 candidates could be recommended by the Board for appointment.



Category wise distribution of successful candidates in ARS 2013

Organization wise contribution

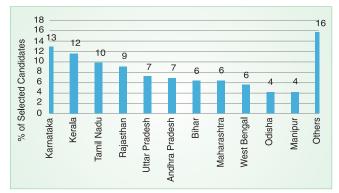
Out of 362 recommended candidates, 78% were from ten State Agricultural Universities & ICAR Deemed to be Universities (TNAU, Coimbatore; UAS, Bangalore; GBPUA&T, Pantnagar; ANGRAU, Hyderabad; UAS, Dharwad; CCSHAU, Hisar; KAU, Thrissur; Dr PDKV, Akola; UHS, Bhagalkot; YSR Horticulture University, Solan& ICAR-IARI, New Delhi; ICAR-CIFE, Mumbai; ICAR-IVRI, Izatnagar; ICAR-NDRI, Karnal) and the remaining 15% from rest of SAUs and only 7% were from General Universities.



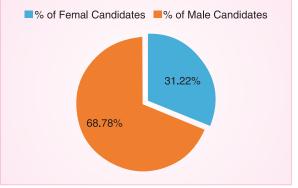
Organization wise performance in ARS-2013

State wise distrubution

 State-wise distribution remained skewed. 84% of successful candidates came from just 11 states (Karnataka, Kerala, Tamil Nadu, Rajasthan, Uttar Pradesh, Andhra Pradesh, Bihar, Maharashtra, West Bengal, Odisha and Manipur). States like Punjab, Jammu and Kashmir, Gujarat, Sikkim, and Andaman & Nicobar Islands had very little representation in the list of successful candidates.



State wise details of successful candidates in ARS 2013



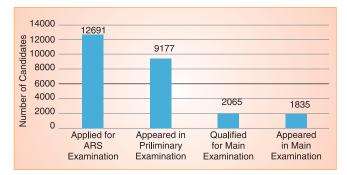
Gender wise distribution of successful candidates in ARS 2013

Gender wise distribution

• Among the 362 selected candidates there were 31% female candidates.

Agricultural Research Service Examination-2014

The combined ARS-2014 (Preliminary) and NET-2014 (II) Examination was conducted successfully in online mode at 21 centers across the country from 22nd-28th September, 2014. The examination at Srinagar and Jammu centers had to be postponed in view of severe flood situation and the same was conducted during 27th-31st October, 2014. Out of 12,691 candidates, who applied for the ARS Examination, 9,177 candidates appeared and only 2,065 candidates qualified in the ARS examination (Preliminary) Appendix IV (B), 1,835 actually appeared in the ARS Examination (Main) which was held across 12 centres in India on December 28th, 2014. The Viva-voce programme was held from March 9th, 2015 to April 10th, 2015 for 706 qualified candidates Appendix IV (c).



Details of ARS Examination - 2014

Recruitment of Administrative Officers and Finance & Account Officers

All India open competitive examination was conducted for recruitment of 28 Administrative Officers and Finance & Account Officers posts at 12 centres across India. 23,987 candidates applied for the examination and 10,434 candidates appeared for the examination which was held on November 23rd, 2014. Further recruitment action is under progress.

Recruitment of Assistant Directors (Official Language)

All India open competitive examination was conducted to fill up 11 Assistant Directors (Official Language) posts at four centres across India. 534 candidates applied for the posts and among them 172 actually appeared in the examination which was held on November 22nd, 2014. Further recruitment action is under progress.

Recruitment of Assistant

All India open competitive examination for recruitment of 270 Assistant posts was held in online mode from January 05th, 2015 to February 02nd, 2015 for 70,645 registered candidates at 23 online centres across India and 24,468 (35%) actually appeared for the examination. Further recruitment action is under progress.

Recruitment of Senior Technical Officers

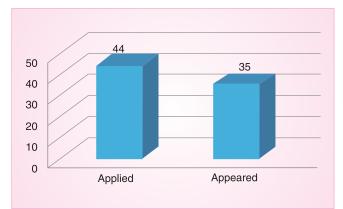
To fill up three posts of Sr. Technical Officers, ASRB issued open notification on June, 14th, 2014. 112 applications have been received and selection process is in progress.

Recruitment of Assistant Chief Technical Officer

One post of Assistant Chief Technical Officer-Agriculture Engineer (T-7-8) located at CIAE, Bhopal was notified vide advt. no. 04/2014. Recruitment action is in progress.

Limited Departmental Competitive Examination for the post of Section Officers and Private Secretaries

The Limited Departmental Competitive Examination (LDCE) for Section Officers and Private Secretaries was conducted for filling up fourteen vacancies of Section Officers and Private Secretaries at the ICAR headquarters on December 22nd-23rd, 2014 at New Delhi. The total number of candidates who applied for the examination were forty four viz thirty two for Section Officer alone, and seven for Private Secretary post and five candidates were common for both the posts. Thirty five candidates actually appeared.



Details of candidates in LDCE for the post of Section Officers and Private Secretaries





View of Departmental Examination for Assistants

Limited Departmental Competitive Examination for the post of Assistants

The Board conducted a Limited Departmental

Competitive Examination (LDCE) for the post of Assistant for filling up 7 vacancies at the ICAR headquarters on 27th-28th November, 2014 at New Delhi. The total number of candidates who applied for the examination was 12, out of which 10 candidates actually appeared in the examination.

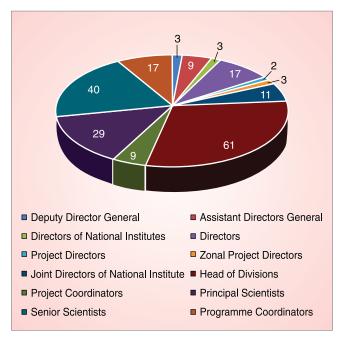
Limited Departmental Competitive Examination for the post of Upper Division Clerk

The Board conducted a Limited Departmental Competitive Examination (LDCE) for the post of Upper Division Clerk for filling up 3 vacancies at the ICAR headquarters on February 27th, 2015 at New Delhi. The total number of candidates who applied for the examination was twenty nine, out of which twenty five candidates actually appeared in the examination.

Direct Recruitment

During the period, the Board undertook direct recruitment mainly through three advertisements viz 02/2014, 03/2014 and 1/2015. The Board received requisitions from ICAR for 118 posts during the year while requisitions of 92 posts were carried over from the previous year.

Among the advertised posts, around 28% of the posts belonged to Senior Scientist & Programme Coordinator positions, 14% were for Principal Scientist positions, 35% to Middle Level positions (Heads, and Project Coordinators) while remaining 23% were for Research Management Positions (Deputy Director Generals, Directors of National Institutes, Joint Directors of National Institute, Assistant Director Generals, Directors, Project Directors & Zonal Project Directors).



Position-wise breakup of various advertised scientific posts during the year 2014-15

During the year, recruitment process for 143 posts (Appendix V & VI) has been completed. Data showed that out of total filled posts, 26% posts were Research Management Positions (RMPs), 64% posts were for Head of Divisions & Project Coordinators and remaining were for Senior Scientists Positions. The Board recommended candidates only in 117 cases while 26 posts could not be filled.

In all, the Board had screened more than 1,700 applications and called 759 candidates for interview.

Position-wise breakup of various advertised scientific posts during the year 2014-15

Posts Advertised	2/2014	3/2014	1/2015	Total
Deputy Director Generals	2	-	1	3
Directors of National Institutes	3	-	-	3
Assistant Director Generals	4	1	4	9
Directors	7	1	9	17
Project Directors	-	-	2	2
Zonal Project Directors	2	-	1	3
Joint Directors of National Institute	1	-	10	11
Head of Divisions	32	6	23	61
Project Coordinators	3	-	6	9
Principal Scientists	-	21	8	29
Senior Scientists	-	34	6	40
Programme Coordinators	-	16	1	17
Total	54	79	71	204



A Selection Board in Progress

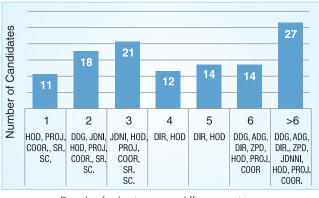
However, only 570 candidates actually attended the interview. Thus, on an average there were four candidates for each position. Out of the 143, eleven posts were filled on the basis of only one candidate, eighteen based on two, twenty One based on three, twelve based on four, only fourteen based on five, fourteen posts based on six and twenty Seven based on more than six eligible candidates.

The Board completed recruitment process for 143 posts, which were advertised vide advertisement nos. 1/2013, 2/2013,1/2014 and 2/2014. The number of applicants per post for Research Management Positions (RMP) was much



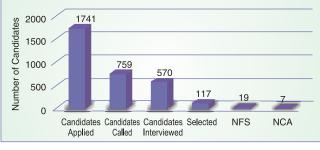
Category	No. of Post (s)	No. of Applications	Candidates Called for Interview	Candidates Interviewed	Selected	NFS	NCA
Deputy Director Generals (DDGs)	4	85	28	26	4	0	0
Assistant Director Generals (ADGs)	5	289	59	42	5	0	0
Directors (DIR)	21	430	161	122	19	1	1
Director of National Institute (DNI)	1	27	11	7	0	1	0
Zonal Project Directors (ZPD)	2	65	15	15	2	0	0
Project Director (PD)	1	23	9	7	0	1	0
Joint Directors of National Institutes (JDNI)	3	59	16	14	3	0	0
Heads of Division (HOD)	87	592	405	306	74	12	1
Project Coordinators (PC)	5	53	28	19	5	0	0
Senior Scientists (SS)	14	118	27	12	5	4	5
Total	143	1741	759	570	117	19	7

Summary of direct recruitment process completed during the period

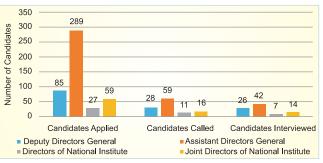


Details of selections over different positions (RMP & Non-RMP)

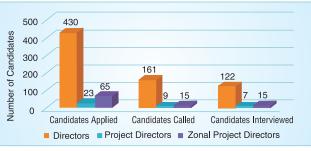
higher as compared to non RMP positions. Inspite of the scale of pay at the level of Head of Division and Director being same; the number of applications per post for managerial positions was much higher.



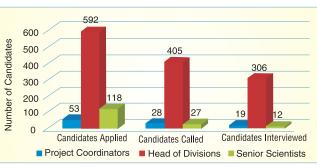
Details of 143 direct selection posts



Recruitment details of Deputy Director Generals (DDGs), Assistant Director Generals (ADGs), Director of National institute and Joint Directors of National Institute.



Recruitment details of Directors, Project Directors and Zonal Project Directors



Recruitment details of Project Coordinators, Head of Divisions and Senior Scientists



Recruitment of Candidates belonging to SC/ST, PC and OBC Categories

Recruitment in ARS Examinations

The Board has adopted relaxed standard in the selection process for the candidates belonging to Scheduled Caste, Scheduled Tribes, Physically Challenged and Other Backward Classes as per the guidelines of Government of India. The break-up of the selected candidates and the number of vacancies in each category are given as below:

Category	Vacancy Advertised	Candidates Recommended
SC	58	36
ST	48	21
OBC	160	97
Total	266	154

Out of 266 vacancies reserved for SC ST & OBC category, 42 percent positions have remained unfilled due to non-availability of suitable candidates in addition to this two PC Candidates have also been selected.



Category wise performance of different groups

[SC: Scheduled Caste; ST: Scheduled Tribes; PC: Physically Challenged; OBC: Other Backward Classes]

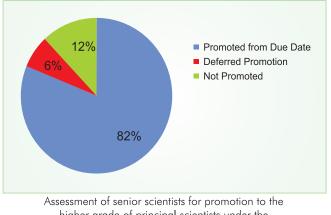
11



Assessment of Scientists: Career Advancement Scheme (CAS)

Assessment/ Promotion of Sr. Scientists under Revised Career Advancement Scheme

One hundred ninety five cases were considered at the level of ASRB (Appendix VII A). The performance in respect of assessment promotion was about 82% and in addition 6% deferred promotions of the candidates were recommended for promotion to the next higher grade. Of the successful candidates, 17% candidates secured 90% and above marks and about 40% secured more than 80% marks, and only 12% candidates had secured less than 73% marks. This in fact reflects positively on the strength of the ICAR research system.



higher grade of principal scientists under the Career Advancement Scheme (CAS)

Analysis of the data showed that out of forty five disciplines in all disciplines except sixteen disciplines viz Agricultural Extension, Agronomy, Agricultural Entomology, Agricultural Economics, Seed Technology, Plant Breeding, Plant Physiology, Plant Pathology, Genetics & Cytogenetic, Soil Chemistry/Fertility/Microbiology, Soil Science Pedology, Textile Manufacture, Farm Machinery & Power, Computer Application in Agriculture, Biochemistry (AS) and Biotechnology(AS), candidates got hundred percent promotion.

Assessment/Promotions of scientists under old Career Advancement Scheme (Review Court Cases)

The Board considered 50 (3 old CAS effective from December 31st, 1998) proposals in 19 disciplines pertaining to old cases including those consequent to legal/court decisions for assessment/ promotion from Senior Scientist to the grade of Principal Scientist. Recommendations were communicated to the Council. The discipline wise details are given in Appendix VII (B&C).

Review of Assessment

As directed by National Commission for Scheduled Caste, one case was reviewed for Assessment/Promotion under revised Career Advancement Scheme.

Induction in the ARS

One permanent absorption/ Induction case of Research and Management position (DDG-Animal Science) into ARS was considered during the year, and recommendation was sent to the ICAR.

Five yearly assessment promotions of scientists

As directed by Hon'ble Allahabad High Court, one case of Dr D S Singh, Ex Scientist, CPRI, Shimla was considered and recommendation was sent to the ICAR.

Reforms

New Directions to Talent Search

A two day Workshop-cum-Brainstorming on Optimizing Talent Search for National Agricultural Research and Education System (NARES) was organized at National Dairy Research Institute (NDRI), Karnal on 16th-17th January, 2015. More than fifty selected senior level delegates like present and former Vice-Chancellors of selected SAUs, National Directors of ICAR's Deemed Universities, a cross section of ICAR's Research Institute Directors, representative of other recruitment Commissions/Boards, senior functionaries of ICAR participated in the programme.



Shri Radha Mohan Singh, Hon'ble Union Agriculture Minister, inaugurating the two day workshop-cum-brainstorming programme



Dr Sanjeev Kumar Balyan, Hon'ble Minister of State for Agriculture delivering the Presidential Address

The programme was designed to have structured presentations by the eminent scientists and experts on all relevant aspects concerning the talent search in agriculture and allied sciences.



Address by Dr S. Ayyappan, Secretary, DARE & DG, ICAR



Welcome address by Dr Gurbachan Singh, Chairman, ASRB

Among the notable experts who led the discussions were Dr S. Ayyappan, Director General, ICAR; Dr Gurbachan Singh, Chairman, ASRB; Prof. (Dr) D.P. Agrawal, Former Chairman, UPSC; Dr J.S. Samra, CEO, National Rainfed Area Authority and Dr Panjab Singh, Former Director General, ICAR. The high level interactive deliberations aimed to analyze and identify best possible ways and means to not only search, induct, develop and retain the talent in agricultural research system but also to optimize the scale and scope of agricultural education in the country and its quality across the institutions.

Primarily, two perspectives were kept in view while conceptualizing the programme. Firstly, to identify, address and redress the distortions that creeps into any working system over time; and secondly, to look for the most effective ways and means to refine, reform and fine-tune the talent search, grooming and retention systems to make these fully



transparent, fair, objective and of the highest quality. Seven different topics covering the ambit of main theme were designed so as to adequately cover all the important aspects of talent search systems with particular reference to NARES.



Prof. (Dr) D.P. Agrawal, Former Chairman, UPSC addressing the delegates at Karnal



Presentation of recommendations of workshop-cum-brainstorming by Chairman, ASRB



Presentation by Dr N.K. Tyagi, Ex-Member, ASRB

Each technical session was Chaired & Co-chaired by eminent experts having in-depth understanding and long working experience about the talent search systems across organizations. Technical sessions were structured so as to have the main thematic presentations followed by deliberations by eminent panelists and later by an open house discussion.

The inaugural session comprising the keynote inaugural address of Shri Radha Mohan Singh, Hon'ble AM & President, ICAR and the presidential address of Dr Sanjeev Kumar Balyan, Hon'ble MOS (Agriculture) set the tone for deliberations. A much larger role and responsibility far beyond the boundaries of his or her laboratory for the farm scientists was highlighted. In addition, the need of realigning research and development efforts to the local farm sector demand and grassroot interventions for rural progress and prosperity were particularly emphasized. The earnest and exceptional research and development contributions of scientists engaged in smaller centers, in particular at the KVKs, enabling effective local delivery of research interventions to maximize farm productivity were underlined. Need was also felt to have such contributions adequately recognized in the award, reward and career advancement schemes & systems.

Recommendations

Based upon the two day deliberations, including the presentations, panel discussions, open house discussions in each technical session in the course of the programme, the following were some of the major actionable recommendations that were crystallized for further necessary actions. These Recommendations represent such issues where there were either complete or near unanimity during the deliberations. A few other issues where either such unanimity could not emerge or those were considered to be involving larger governmental policy of inter-departmental nature or requiring furthermore examination etc., the views emerging in the deliberations are given under the title as 'Suggestions'. The recommendations are as under:

- ARS (Agricultural Research Service) examination must be held as a matter of course each year with a fixed calendar of dates. This would make the prospective aspirants to keenly look for the examination thereby enhancing and enriching the participation as well as the scale and quality of competition.
- Ways and means should be found to have the examination of ARS conducted regularly each year in each of the approved disciplines/ 'schools' of specializations irrespective of the availability or otherwise of the vacancies.
- ARS based recruitment may continue to be made as at the present centrally by the ASRB, but instead of cadre

based, the posts should be treated as institute based i.e. the institute on the strength of which these are born and so notified for filling up. This would encourage the much needed institute alignment, allegiance and local research prospective as per the given institute's mandate. In addition, it would free the Council from tedious all time inter-institutional transfer issues on one or the other ground as per individual reasons. Transfers to other institutes would then be open only through selections on duly advertised vacancies of a particular institute and thus attuned to 'Institutional needs' instead of 'Individual needs' as at the present in most cases.

- Once reviewed and revised and put in place, the scheme of disciplines and syllabi of ARS & NET, should not be put to frequent changes. Such reasonable consistency would ensure stability and resultantly attract the best quality human resource.
- To begin with in 1976, the ARS examination had well defined components of tests in Essay writing and General Knowledge. In the process of frequent changes over the years, both the above components have got completely eliminated. Focus on specialization is appreciable but in the context of emerging national and global research & technology paradigms, the need for general socio economic understanding and communication skills cannot altogether be ignored. While the component of Essay writing needs to be restored as such, in the case of General Knowledge, if not General Studies, at least a component needs to be integrated on 'General Agriculture' to sensitise the aspirants on the basic knowledge on Indian and global agriculture in general for fostering a holistic understanding and aptitude in the field.
- A common cut off should not be applied in ARS across the disciplines. However, discipline wise/ 'school wise' cut off should be applied coupled with the criteria of a fixed number of candidates per post in each category. A 'School' would each represent groups of related disciplines with their relevant basic sciences.
- It is not proper to apply a uniform cut off across the disciplines in NET. As such the discipline specific cut offs should only be applied in NET.
- To adequately cover all the emerging specializations, many of which cut across number of disciplines, the only viable and effective way is to consolidate and reduce the number of disciplines in case of both ARS & NET into limited number of specified broad groups or 'Schools' comprising related disciplines alongwith their relevant basic sciences.
- Large number of candidates sit in the all India open ARS competitive examination. A limited number in each discipline qualifies for the interview/viva-voce stage out of which a smaller number are finally recommended to

ARS as per the notified vacancies every year. However, such candidates who are not finally recommended for appointment but have qualified and appeared in the interview/viva-voce too are nationally benchmarked in terms of their merit having made the cut through All India open competitive examination. It would, therefore, be proper that the SAUs use such candidate lists who are so nationally benchmarked in order to select candidates further at their level to posts like Assistant Professors and lecturers. Apart from nationally benchmarked merit, this would also act against the present malaise of inbreeding in SAUs that is already impacting their educational and in particular teaching quality standards.

- ARS being an All India Open Competition, the ASRB after subjecting the candidates to a rigorous examination and selection process, recommends the selected candidates in order of merit in each discipline and category against the given vacancies for appointment. It would, therefore, be fair and just that their posting is linked to merit and their choices within the available vacancies in their respective disciplines. Such merit linked postings would add to the competition and to the resultant quality and competence of the inducted human resource.
- Score card for direct recruitment /lateral entry at each level must have adequate provisions to recognize and reward exceptional contributions at local grassroot level agriculture particularly for the scientists working in KVK's where such contributions may not receive due international recognition or publications for obvious reasons. An adequate and specific provision on the lines of 'remote areas' etc. must be made to recognize and reward such contributions in the score card to encourage and strengthen the grassroot level research, development and technology delivery systems and services to the farm sector.
- To tap exceptional talent, the existing eligibility criteria for direct recruitment/lateral selection to senior scientific positions provide for an alternative eligibility. However, this alternative eligibility for 'Eminent Scientists' has a further inbuilt condition requiring a prescribed length of RMP service. The parameters to identify 'eminence' are already comprehensively defined by the ASRB and the same appear in order. However, the mandatory RMP service requirement acts as a potent restricting factor in attracting exceptional talent from out of the scientists in the streams of professors or national professors both within India or abroad or those working abroad or in other scientific systems where there happen to be strictly no RMP positions. This virtually renders the alternative provision as ineffective in tapping exceptional talent from outside the normal institutional streams and hence does not really serve the intended purpose. While prescribing



an appropriate total length of scientific service or even that in the grade and position of a Professor may not be out of place, the condition of RMP service needs to be removed altogether to attract and tap exceptional talent both from within the system and outside as well as abroad. The alternative eligibility conditions for the eminent scientists so provided as an alternative mode in the existing rules as such requires immediate revision on the above lines.

- At the present, ICAR rules provides for 'tenure renewal' on RMP and senior RMP positions through a mechanism at ICAR level which though fairly elaborate but is rather 'Individual centric' instead of 'System centric '. In addition the provision of tenure renewal on completion of first 5 years in itself has the potential to discourage fostering of new talent within the institutes by potentially foreclosing the future avenues. The five year tenure on such positions normally presents a fair and adequate opportunity to an incumbent to cap his/ her competence and contributions. Moreover, such a tenure would in any case add to the competitive profile of the incumbent to successfully look for higher positions which are open to him/her elsewhere in the system or compete again for the same position in an open selection. Therefore, in place of existing 'Individual centric' renewal provision there should be 'System centric' approach by re-advertising the post and holding open selection afresh where the existing incumbent too should be fully eligible to apply and compete on merit. This would not only permit developing and nurturing of the fresh talent but also impel aspirational achievements by such existing incumbents who would wish to seek second tenure by enhancing their own competitiveness as well as contributions to the system rather than through a non-competitive individual tenure renewal process, as in vogue at the present.
- Present system of selections for RMP/senior RMP's is fairly well structured in terms of score card marks, distribution of marks for screening and interview process etc. However, research management having become an increasingly complex and intricate skill, the selection process now needs to be more attuned to draw out the best talent in terms of scientific acumen, management aptitude, man management skills and in particular the out of the box thinking approach to unforeseen situations. More often than not, such leadership traits are not possible to be assessed over a short span of interaction in a formal 20-30 minute interview and individual presentation. For such positions, therefore, a 360° apraisal of competencies suited to a particular position are already being adopted the world over. In the ICAR's context, however, as a part of the much needed evolving selection process, it is high time now that at

least the two tier selection process is tried for Senior RMP positions to begin with. To avoid any sudden shift and in the interest of continuity, an additional tier in term of an individual seminar on their respective short term/ long term vision at the concerned institution/ position is integrated into the existing process for the screened & shortlisted candidates. This would serve as an additional shortlisting process by a judging panel of 3-4 eminent experts prior to the final interview at the ASRB as at present. By further shortlisting the candidates for final interview, it would also enable more appraisal time per candidate to the Board adding value thereby to the selection quality. It is high time that ASRB/ICAR revise the relevant rules to integrate such a two tier selection process beginning with the senior RMP positions.

- The existing revised careers advancement scheme is working smoothly. The promotion rate except for some specific subjects is generally averaging more than 80%, which is quite satisfactory. Many scientists are capable of achieving the score in the range of 90% onwards which is far above the required benchmark cut off of 75%. Such high performers need to be rewarded for their exceptional contributions both by way of financial incentives like the advance increments and recognition such as designating them as 'outstanding scientists'. This would provide motivation to sustain high quality research output in the system as the whole.
- As per the existing rule provisions for direct recruitment/ lateral entry, the ASRB calls for interview the top ten (10) ranking candidates subject to fulfilment of a minimum benchmark score prescribed for RMP/Senior RMP as 60% and for Non-RMP positions as 50%. It is often seen that large number of eligible candidates do not get the opportunity to face the selection Board interview for non-fulfillment of benchmark in many cases even missing it quite narrowly. Apart from general frustration, resentment and representations often narrows down the scale and scope of competition. In many cases, the Board has to make selections where only two, three or say four candidates qualify for the interview based on the benchmark. Moreover, many candidates do not report for interview after qualifying for the same which further narrows down the selection base. Therefore, it would be in the best interest of the scale and scope of wider selection base and quality of competition that the provisions are amended to the effect that maximum top ten (10) eligible candidates are called for the interview per post subject to a minimum benchmark score.
- ASRB (Agricultural Scientists Recruitment Board) is an independent national level recruitment body. It was established by the Government of India in 1973 and it has not only contributed immensely to build, strengthen and sustain a huge agricultural research

manpower base under the ICAR system through steady infusion of high quality human resource but also standardized the talent search systems and acquired significant expertise and excellence in the area. It is high time that such expertise of ASRB is used not only for tapping quality talent for ICAR system but also for SAUs, and to fill up the various technical & scientific posts in other departments of the Ministry of agriculture. To take up such responsibilities, the ASRB also needs to be further strengthened by reviving and restoring to its originally intended parity with the UPSC and by addition of more Members as well as by elevating the status of Chairman & Members on par with the UPSC pattern and re-designating it as the 'Indian Agricultural Services Commission' as a fitting recognition of its services so far and its further envisaged critical national role and responsibilities.

Suggestions

- There is evidently huge disparity and variation in contributions to ARS among the SAUs vis a vis Deemed Universities of ICAR and among the SAUs themselves. While there could be many reasons like varying resources, opportunities, exposure, facilities but inbreeding, poor teacher quality, teacher shortage etc. are also much to blame. This imbalance requires redressal. The solutions could include efforts for recruitment of teachers from ARS mains examination qualified but not recommended candidates or appointment of faculty and senior appointments like VCs, Deans, Directors through open all India direct recruitment by the ASRB. Another initiative could be intervening with the state education departments at the appropriate levels for initiating agriculture streams in schools at 10+2 levels. Incidentally in states like Rajasthan and Uttar Pradesh where such streams were earlier introduced in schools, their participation and contributions to higher agriculture education including to ARS significantly improved. Such a policy intervention must, therefore, be attempted at the appropriate levels.
- In the long run, having Ph.D. as the minimum qualification for ARS examination would be appropriate instead of the existing M.Sc. Doing so may significantly reduce the present attrition rate by perpetual diversion of selected and trained scientists to other services. This would also ensure induction of candidates who are fully committed and dedicated to research in their selected specialization.
- Relaxation in age limit and attempts for ARS examination should be provided, considering the present condition of inadequate and infrequent seats. The number of attempts may be increased up to 6.
- Special recognition and attention may be given to Basic Sciences where number of vacancies are too less

compared to the number of candidates appearing in the ARS exam.

- In the interview process whether of ARS entry grade or higher scientific posts including the RMP / Senior RMP positions, the critical judging aspect by the experts must be given due importance. Associating psychologists or such experts should also be explored.
- Cut off marks of the ARS exam should be released in public domain for all disciplines, which will help the students to estimate their level of preparation.
- Present ARS with adoption of UGC pattern and pay package has not been found to be conducive to promotion and sustaining of excellence in research. It primarily aligns smoothly with the education & teaching system while the ICAR has research & its extension as the primary function. Hence, it is high time that ARS reverts back to its originally conceptualized S1-S8 personal promotion system that served the agricultural research system so effectively for so many decades till the late eighties when the UGC pattern and package was adopted. Presently, since the 7th pay commission is already in process, it is the right time to initiate such a reversion system by ICAR to its old S1-S8 system actually intended in the originally conceived ARS. Such an originally intended ARS system by perpetually providing individual career elevation linked to the dint of personal merit and work provided protent incentives for achieving excellence for each individual scientist in his/her discipline and line of work thereby fostering and sustaining excellence in the system.
- Presently, in the UGC system, ICAR is implementing revised CAS scheme of promotion to each grade in addition to direct and open selection opportunities. It is rather an anomalous situation not helping the research system by curbing individual incentive for excellence as almost everyone reaches the higher pay levels in almost the same time one way or the other thereby diluting the much needed recognition and high premium on excellence. As such reverting back to original S1-S8 ARS scheme, would be best for the system.
- Creation of a Central/Indian Agriculture Service by having specialized wings of research, extension, development, education, foreign agriculture service, marketing and certification services is the need of the hour in the larger national interest.
- Granting professional status to agriculture at par with medical, engineering etc. An Agriculture Council of India (ACI) needs to be established for granting license to agriculture graduates for undertaking professional practices which will help in developing entrepreneurship. ACI will regulate agriculture education in the country. At present there is no regulatory body for private affiliated colleges in agriculture.



Committees Constituted

Review of Scorecard for Direct Recruitment to scientific posts

The Board constituted a committee of senior outside experts with Dr S.K. Bandyopadhyay, Member, ASRB as the Convener to review the present score card for direct recruitment to various scientific positions under ICAR. The committee has already held ten meetings and finalized a draft revised score card alongwith attendant guidelines which are under validation process.

Review of the list of ICAR units/centers/stations categorized as disadvantageous areas in terms of the Scorecard system

A meeting was held on April 15th, 2014 under the Chairmanship of Dr S. K. Bandyopadhyay, Member, ASRB for reviewing the disadvantageous units/centres/stations of ICAR based upon feedback from various quarters.

New Initiatives

In an effort to adopt the latest ICT technology for modernization of examination systems, ASRB planned to shift from offline mode of conducting NET/ ARS (Preliminary) examination to online examination mode. In this endeavor, the NAIP and World Bank funded the sub-project "Developing, Commissioning, Operating and Managing an Online System for NET/ ARS – Prelim Examination in ASRB, ICAR". Initially, the project was sanctioned from March 31st, 2010 to March 31st, 2012 for a total budget of ₹ 3,050 lakhs with ASRB, New Delhi as consortium leader and 21 ICAR institutes and 2 SAUs as consortium partners. Later on the project was given the extension up to March 31st, 2014 with revised sanction of total budget of ₹ 3,710.50 lakhs. Further, the project was given the extension upto June 30th, 2014 for conducting the online examination.

Major objectives of the project were:

- To develop the infrastructure and capability to change over from onsite to online Examination for NET/ARS Prelim;
- ii) To build, own and operate (develop, procure, install, commission, operate & manage) an Online Examination System for the NARES at ASRB with 23 Nodal Centers across the country including to automate the online registration, validation, hall ticketing, allocation of centers, and result declaration process for NET and ARS;
- iii) To develop a question bank in all the NET/ARS disciplines;
- iv) To conduct the annual NET/ARS (Preliminary) through an online examination at 23 Nodal Centers in the Country;

 v) To ultimately put in place a National Facility for online examinations for use of not only by ASRB, but also by ICAR Administration for online Audit and Accounts Examination, Education Division of ICAR for online scholarship and admission examination and for Staff Recruitment through online testing.

The project was successfully concluded on June 30th, 2014. An outsourced agency M/s Vayam Technologies Limited in consortium with M/s Eduquity Career Technologies Pvt. Ltd. was selected through the International Competitive Bidding process as per NAIP guidelines, for supplying, installation, and successful commissioning of hardware and software solutions for establishment of the network under the project and further to maintain the systems and conduct online examinations for next three years after completion of the project. The agency procured, supplied and installed the necessary hardware and software for conduct of online examination at DC, DR site, and 23 online examination centers. Under this project, a network of 23 Online Examination Centers with 2,020 computers at 21 ICAR institutes and 2 SAUs across the country has been created.

These examination centers are well equipped with servers, desktops, LAN, furniture, power backups and AC Units. The number of computers varies from 20 to 120 at each centre. Data Center well equipped with state of the art equipment including a number of servers, SAN storage, tape library, latest application and system software has been established at ASRB to control the activities of online examination. A dedicated Internet leased line (1:1) of 4 Mbps for Internet connectivity is provided in DC to connect with examination centers. The Data Center is fully secured through Internet Firewall (Checkpoint) and Network Intrusion Prevention System (Radware) appliances deployed in the Data Center Network, and also with Host Intrusion Prevention System (Trend Micro) software deployed on all Servers. The DR site has been created in the IARI campus and is well equipped with necessary equipment. The DC and DR sites have been connected through a dedicated wireless link of 10 Mbps for data backup.

The software for online registration, fee payment, generating and issuing admit cards, center allocation and result declaration has been developed and customized as per the requirements of ASRB by the outsourced agency. Test administration software has also been tailored for NET/ ARS examinations. The software for creating question bank has been modified to meet the ASRB requirement. A digitized question bank covering all the 56 disciplines of ARS/NET has been created. The software module for generating question papers from the question bank has also been developed. The software for conducting computer

based test is user friendly and provides number of features to facilitate the candidates. Any question can be accessed randomly and marked as attempted or for review later on or can be left unmarked also. Online examination system has enhanced transparency, objectivity, accuracy, and efficiency in the examinations. The automation of registration process, generating and issuing of admit cards, conduct of examinations and result declarations has saved significant amount of manpower, time, human errors and cost in application and result processing.

A training program was organized at ASRB, New Delhi from November 21st, 2013 to November 22nd, 2013 to train the nodal officers and technical staff to get acquainted with the online examination system. A field level training of the technical staff was also organized at their respective examination centers demonstrating the complete process of conducting online examination. Major technological innovations under the sub-project are creation of infrastructure of 23 examination centers across India; development/ customization of software for digitizing question bank, generating question papers from question bank, registration of online applications for NET and ARS (Preliminary) examinations including electronic payment gateway; generation and issuance of online admit card at the applicant end, test administration software; Learning Management System (LMS) to familiarize with online examination system.

The entire online examination system including hardware and software has been audited by M/s KPMG to ensure quality of the application software developed and security of the system before conducting the first online examination.



A view of online examination centre

The first online exam for NET-2014(1) was conducted from March 26th, 2014 to April 4th, 2014. A total of 18,245 applicants applied and 14,178 (77.71%) applicants actually appeared in the examination. This examination was the first complete transformation from pen and paper examination to computer based test. Second online examination for NET-2014(II) and ARS-2014 (Prelim) has been conducted successfully from September 22nd, 2014 to September 28th, 2014.



Implementation of the Right to Information Act 2005

The ASRB is committed to maintain complete transparency in the recruitment, assessment and selection process and to implement the Right to Information Act, 2005 in letter and spirit. According to section 4 of the RTI Act 2005, all upto date informations pertaining to recruitments and assessments are made available on the ASRB website (www.asrb.org.in) from time to time. The Board has efficiently and satisfactorily responded to various requests and appeals under RTI Act within the stipulated time period as per the provisions of Right to Information Act. Accordingly, the Board as a responsible "Public Authority" has taken due and appropriate actions in this regard. Board has appointed two Central Public Information Officers and an Appellate Authority for systematically handling the requests received from Information seekers.

In all, the Board received 482 cases, mainly concerning the disclosures of:

- (i) Name of experts
- (ii) Marks secured in the screening and interviews
- (iii) Procedure for screening of applications for direct recruitment posts
- (iv) Marks secured in the ARS/NET examination
- (v) Evaluation process of ARS answer sheet
- (vi) Key of preliminary examination
- (vii) Photocopy of answer sheets, OMR sheets and Question Papers
- (viii) Proactive orders/decisions of the Board and implementation of Section 4 of the RTI Act.

All the cases were disposed of successfully to the satisfaction of all concerned. Out of 482 cases, only 6 applicants filed appeals with the CIC against the ASRB decisions. All the cases were disposed of successfully to the satisfaction of all concerned.

Summary of cases processed in compliance of RTI Act, 2005 during 2014-15

Block I. (Details about the requests and appeals)

	Opening Decisions Balance as on 01.04.2014	No. of Applications received on transfer from other PAs	Received during the quarter (including transferred to other PAs)	No. of Cases transferred to other PAs U/S 6(3)	Decisions where requests/appeals rejected	Where requests/ appeals accepted
Requests	0	23	459	10	9	463
First Appeal	0	NA	57	NA	0	57
		Total No. of CAPIOs Designated		Total No. of CPIOs Designated		Total No. of AAs Designated
		-		2		1

Block II. (Details of fees collected, penalty imposed and disciplinary action taken)

Registration fee	Additional fee	Penalty amount recovered (in	No. of cases disciplinary action taken
collected (in Rs.)	collected (in Rs.)	Rs.) as directed by	against any officer
U/S 7(1)	U/S 7(3)	CIC U/S 20(1)	U/S 20(2)
4120/-	14773/-	0	

Block III. (Details of various provisions of section 8 while rejecting the requested information) No. of times various provision were invoked while rejecting request Relevant Sections of RTI Act 2005

	Section 8(1)									Other Sections	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(9)	(11) (24) Others
-	-	-	0	6	-	0	-	0	-	-	3



Promotion of Hindi (Rajbhasha)

ASRB is committed to promote progressive use of Hindi in its office to ensure compliance of the official language policy of the Central Government/ICAR and to fulfill targets fixed in the annual official language programme. One Deputy Director (OL) has already been posted in the ASRB for assisting the Board in promotion of work in Hindi and for systematic implementation of the official language policy of Govt. of India. Achievements in promotion of Hindi in ASRB are as follows:

- The Board fully ensures that bilingual requirement of the circulars, reports and other documents, as per the provisions of the Act and Rules, are meticulously complied with.
- About 95 percent of the officers and 100 percent staff working in the Board have the working knowledge of Hindi.
- Help literature, such as Agriculture Glossary, Specimen of Standard letters/drafts in Hindi, Hindi equivalents of common sentences etc. are also made available to the staff.
- Hindi version of examination rules, notices, syllabi, instructions to candidates, admission certificates, test booklets, answer sheets, question papers, application forms, attendance sheets and attendance lists were printed along with the English version.
- During the year, three advertisements issued by the Board were prepared and published in both Hindi and English languages in leading newspapers of the country including 'Rozgar Samachar'.
- All Computer keyboards in the ASRB office have been provided with letters in Devnagari script.
- The Board has decided that to start with, the accounts section of ASRB will carry out 100% work in Hindi and that the section has been declared as fully Hindi compliant. Now the general administration section has taken the initiative to achieve 100% target of working in Hindi.
- English Hindi dictionary of important technical terms used in agricultural education / research has been prepared for the benefit of paper setters / translators.
- The ASRB ensures full and free availability of option to candidates for opting Hindi as medium in all competitive examinations as well as for answering questions in interviews at the Board.
- During the period the Board further purchased good

quality Hindi books for an amount of more than twelve thousand in different genres for its library.

Board conducted one Hindi Competition i.e. Hindi Letter writing on June 06th, 2014, Shabdabali (Administrative terminology) Pratiyogita on September 16th, 2014 and Debate on September 9th, 2014. A large number of officers and employees of ASRB participated in these competitions. Cash Prizes to the winners were given during Hindi Saptaha organized from 14th-22nd September, 2014.



Mrs. Priyamvada, Director (OL), Ministry of Information and Broadcasting, giving away Prizes of Hindi Competition

 Agricultural Scientists Recruitment Board organized a Hindi official language workshop on February 19th, 2015 under the Chairmanship of Sh. Rajiv Mangotra, Deputy Secretary, ASRB. Discussion was held on the quarterly report of official language implementation received from various sections of ASRB. Chairman expressed his satisfaction over the progress of official language implementation and desired more emphasis to promote Hindi in official work of ASRB.



Hindi (Official Language) workshop in progress

Foundation Day Celebration

Agricultural Scientists Recruitment Board celebrated its 41st Foundation Day on November 1st, 2014 at New Delhi to mark more than four decades of notable service to the Indian national agricultural research system. Shri Radha Mohan Singh, Hon'ble Union Agriculture Minister and President, ICAR was the Chief Guest.

While commending the services of ASRB, Hon'ble Agriculture Minister exhorted to further refine and reinvent



The Chief Guest Hon'ble Union Agriculture Minister & President, ICAR and other dignitaries on the Dias

direct entry including positions like the Deputy Director Generals, Assistant Director Generals, Directors, Zonal Project Directors, Head of Divisions, Project Coordinators, Principal Scientists and Senior Scientists.

Transformation from pen and paper examination to Computer based online test for ARS (Preliminary) and NET is another important initiative to upgrade and advance talent search. NET examination is already being held twice

in a year and in the minimum possible time frame. Chairman also underlined some areas in which special efforts are already initiated. Expanding the scale and scope of talent search to attract Indian students/researchers studying or working abroad in advanced research institutions is one such priority. Another is for creating an international cadre within ARS so as to strengthen India's collaborative research and development initiatives in Afro-Asian region. Evolving a regular process to systematize feedback sharing mechanism with the clients and stakeholders to continuously fine tune recruitment processes. Establishing regular linkages with some of the highly advanced HRD institutions abroad to take advantage of latest knowhow in talent search

approaches for the national system.

the talent search strategies to have a community of farm scientists fully committed and sensitive to the cause of

agriculture and problems of Indian farmers. He urged for hand holding of farmers in terms of providing cost effective research led solutions to make farming economically rewarding in the face of rising input costs,

Dr Gurbachan Singh, Chairman,

achievements of ASRB since its inception

3,332 scientists in ARS, assessed 13,072 scientists under CAS, issued 44,715 NET certificates and filled up more than

5,500 scientific positions through lateral/

released at the occasion.

In his formal vote of thanks Dr V.N. Sharda, Member,



Address by Sh. Radha Mohan Singh, Hon'ble Union Agriculture Minister on the occasion of 41st Foundation Day of ASRB

ASRB expressed gratitude to the Chief guest for his having spared valuable time to grace the function support and all colleagues & staff for their efforts in making the programme a grand success.

Dr Raghavendra Gadagkar, President, Indian National Science Academy who delivered the foundation day lecture delved deep into the expanding frontiers of science including agriculture sciences. He underlined the infinite potential and critical linkages of scientific endeavours to national development. This he felt has already led to huge expectations of the society from the scientific community. Dr S. Ayyappan, Secretary (DARE) and DG, ICAR underlined the immense contributions of ASRB and congratulated it for providing high quality human resource to ICAR. He shared that a few pending issues relating to mobility of scientists between ICAR – SAUs and vice versa have since been addressed. He hoped that this too will aid ASRB in its talent search endeavours.

Dr J.S. Samra, CEO, National Rainfed Area Authority who presided over the foundation day lecture urged for maintaining the independence and autonomy of ASRB on the pattern of UPSC so that the quality of science and scientists is sustained in agriculture.

Dr S.K. Bandyopadhyay, Member, ASRB expressed gratitude to Prof. Gadagkar, President INSA for his having spared valuable time. He also expressed special thanks to Chairman and Member, ASRB, all other dignitaries and distinguished guests for their interest and keen participation making the foundation programme an immensely enriching experience. He particularly thanked director and Joint director, IARI for their logistical support and all colleagues & staff for their efforts in making the programme a grand success.



Glimpses from 41st Foundation Day Function of ASRB



Release of ASRB Newsletter by Hon'ble Union Agriculture Minister and President, ICAR



Release of ASRB Profile by Hon'ble Union Agriculture Minister and President, ICAR



Address by Sh. Radha Mohan Singh, Hon'ble Union Agriculture Minister on the occasion of 41st Foundation Day of ASRB



Honouring Hon'ble Union Agriculture Minister with memento by Chairman, ASRB



Address by Dr S. Ayyappan, Secretary, DARE & DG, ICAR



Address by Dr Gurbachan Singh, Chairman, ASRB



Vote of Thanks by Dr V.N. Sharda, Member, ASRB



Address by Prof. Gadagkar, President, INSA



Address by Dr J.S. Samra, CEO, National Rainfed Area Authority



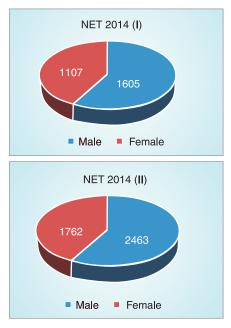
Vote of Thanks by Dr S.K. Bandyopadhyay, Member, ASRB



View of Participants at Dr B.P. Pal Auditorium, IARI

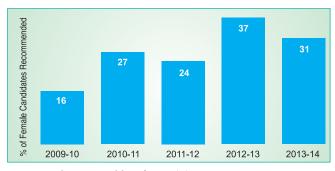
Women Empowerment

ASRB conducted two National Eligibility Test (NET) 2014 (I & II) during the year. Out of 6937 successful candidates in these examination, 2869 (42%) were female candidates.



Gender wise details of NET 2014 (I & II)

During the past five years percentage of women candidates in entry level of Agricultural Research Service (ARS) has increased from about 16% in 2009-10 to 31% in 2014-15 which is a positive development. The Board has been making all possible efforts to encourage women



Performance of female candidates in ARS (2009-14)

candidates to compete so as to improve gender balance in the system in keeping with the spirit of government of India guidelines.

Approximate 5% woman candidates have been selected through Direct Recruitment for agriculture research management positions during the year 2014-15.

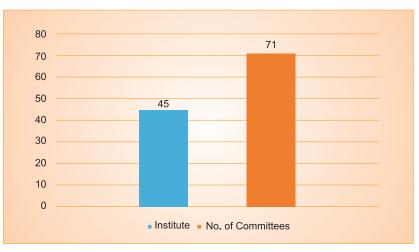
Miscellaneous

12

In accordance with the scheme and rules of Career Advancement Scheme (CAS) for ARS scientists, the Chairmen, ASRB nominated the experts/Chairman of various Departmental Promotion Committees to consider the promotion of scientists and technical staff in ICAR institutes as well as ICAR HQ. The ASRB has also nominated Head/Chairman of selection committees constituted at the intitutes for selection of technical staff.

Assessment Promotion of Scientists

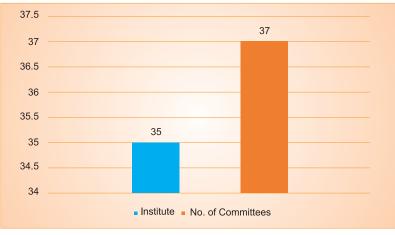
The Board finalized and notified nomination of experts for 45 institutes for constitution of Departmental Promotion Committees (DPCs) for assessment of scientists from RGP ₹ 6,000 to ₹ 7,000, RGP ₹ 7,000 to ₹ 8,000 and from RGP ₹ 8,000 to ₹ 9,000, the details of which are given in Appendix VIII.



Details of assessment committees constituted for scientists.

Assessment Promotion of Technical Personnel

The Board finalized nominations of experts for 35 institutes for assessment committees for various categories of technical personnel. Details are given in Appendix IX.



Details of Assessment committees constituted for technical personnel.

Honours/Awards

Recognitions/Awards/Honours Conferred upon Dr Gurbachan Singh, Chairman, ASRB

Harit Ratna Award

All India Agricultural Students' Association awarded the Harit Ratna Award to Dr Gurbachan Singh, Chairman, ASRB on December 31st, 2014.



Sh. Radha Mohan Singh, Hon'ble Agriculture Minister and President, ICAR presenting Harit Ratna Award to Chairman, ASRB

Dr M.S. Randhawa Memorial Award

National Academy of Agricultural Sciences awarded the Dr M. S. Randhawa Memorial Award to Dr Gurbachan Singh at 12th Agricultural Science Congress on February 03rd, 2015.

Recognitions/Awards/Honours Conferred upon Dr V.N. Sharda, Member, ASRB

 Life Time Achievement Award of IASWC for outstanding contributions in the field of Soil and Water Conservation Research, presented by Hon'ble Union Minister of Tribal Affairs, Sh. Jual Oram Ji during the valedictory function of International Conference on "Natural Resource Management for Food Security and Rural Livelihoods" on 13th February, 2015 at New Delhi.



Hon'ble Union Minister of Tribal Affairs presenting the Life Time Achievement Award to Dr V.N. Sharda, Member, ASRB

 Chief Guest at the Inaugural Function of National Summer School on "Engineering Interventions in Processing and Value Addition of Milk and Milk Products" held at NDRI, Karnal on 3rd September, 2014.



Dr Gurbachan singh receiving the M.S. Randhawa Award from Hon'ble Governer of Haryana & Punjab Shri Kaptan Singh Solanki



Dr V.N. Sharda, Member, ASRB delivering the inaugural address of the Summer School at NDRI, Karnal



- Guest of Honour during the 33rd All India Conference of Intellectuals-2014 on "Ethics and Fundamental Duties: Role of Intellectuals" held at New Delhi on 21st December, 2014 for the Award of Delhi Ratan.
- Chaired a technical session entitled "Natural Resource Management and Climate Change: International Perspective" on February 5th, 2015 during the 12th Agricultural Science Congress held at NDRI, Karnal from 3rd to 6th February, 2015.



Dr V.N. Sharda, Member, ASRB chairing a technical session in 12th Agricultural Science Congress at NDRI, Karnal

- Delivered a Keynote address in the Plenary Session III on 12th February, 2015 on "Soil and Water Conservation Measures for Food and Environmental Security in India" during the International Conference on "Natural Resource Management for Food Security and Rural Livelihoods" held at New Delhi during 10th-13th February, 2015.
- Member, National Scientific Advisory committee for International Conference on "Natural Resources Management for Food Security and Rural Livelihoods" organized during 10th-15th February, 2015 at New Delhi.
- Chief Guest at Valedictory Function of 101st FOCARS at NAARM, Hyderabad on 31st March, 2015.
- Nominated as referee for the prestigious Shanti Swarup Bhatnagar Prize 2014 for Science and Technology by Council of Scientific and Industrial Research, New Delhi.
- Chairman of the Judging Committee for the Award of Fellowships of Indian Society of Agricultural Engineers for the year 2014.



Dr V.N. Sharda, Member, ASRB addressing the scientists of 101st FOCARS at NAARM, Hyderabad

Recognitions/Awards/Honours Conferred upon Dr S.K. Bandyopadhyay, Member, ASRB

Doctor of Science (Honoris Causa)

West Bengal University of Fisheries and Animal Sciences, Nadia conferred Doctor of Science (*Honoris Causa*) on Dr S.K. Bandyopadhyay in the 9th Convocation of the University held on January 29th, 2015 for his outstanding contribution in Veterinary Science Research and Development.



Hon'ble Governor of West Bengal presenting the degree of Doctor of Science to Dr S.K. Bandyopadhyay, Member, ASRB



Special Talks, Technical Visits and Interactive Sessions held by Dr Gurbachan Singh, Chairman, ASRB

- Oversee the arrangement of Online NET Examination 2014 at Karnal & Ludhiana Centres during 1st to 3rd April, 2014
- Inaugurated and participated as Chief Guest of the Brain Storming Session on "Improving Agricultural Productivity in the Backdrop of Depleting Natural Resources and Changing Climate Conditions" at UPCAR, Lucknow and held interaction meeting with the scientists of ICAR Institutes located at Lucknow during 06th & 07th May, 2014.
- Delivered a Lecture in Krishi Vigyan Kendra Interface Workshop on Interventions in Tribal Areas & Efficiency Enhancement on August 19th, 2014 at New Delhi.



Dr Gurbachan Singh, Chairman, ASRB addressing the participants of Krishi Vigyan Kendra Interface Workshop on Interventions in Tribal Areas & Efficiency Enhancement

- Participated as Chief Guest in the 65th Foundation Day Function of CPRI, Shimla during 21st - 23rd August, 2014
- Reviewed the progress of the National Symposium on "Agricultural Diversification for Sustainable Livelihood and Environmental Security" at PAU, Ludhiana and interacted with Vice-Chancellor & scientists of PAU, Punjab during September 30th and October 1st, 2014.
- Reviewed the arrangements made for the National Symposium on "Agricultural Diversification for Sustainable Livelihood and Environmental Security" at PAU, Ludhiana during 10th - 11th November, 2014.

- Delivered Presidential address, a Technical Lead lecture and participated in the National Symposium on "Agricultural Diversification for Sustainable Livelihood and Environmental Security" at PAU, Ludhiana, Interacted with scientists and research managers to get feedback about ASRB activities and visited CIPHET and other ICAR centres located at Ludhiana and interacted with scientists during 17th- 21st November, 2014.
- Participated as Chief Guest and delivered the Convocation Address in the 7th Convocation of Dr Y.S. Parmar University of Horticulture & Forestry, Solan during 24th-26th November, 2014.



7th Convocation Ceremony of Dr Y.S. Parmar University of Horticulture & Forestry, Solan (H.P.)

 Participated as Chief Guest in the inaugural function of International Conference on "Changing Scenario of Pest Problems in Agri-Horti Ecosystems and their Management" at RCA, MPUAT, Udaipur on November 27th, 2014.



International Conference on 'Changing Scenario of Pest Problems in Agricultural Ecosystems and Their Management', RCA, MPUAT, Udaipur



- Inaugurated meeting of Deans of Dairy Science Colleges at NDRI, Karnal & reviewed the preparation of two day Workshop cum Brainstorming programme on "Optimizing Talent Search & Induction for NARES" to be held during 16th-17th January, 2015 at NDRI, Karnal during 06th - 08th December, 2014.
- Participated as Chief Guest in the Inaugural Function of CIPHET Silver Jubilee Seminar at Ludhiana during 18th & 19th December, 2014.



Silver Jubilee Seminar of CIPHET, Ludhiana

- Visited and inspected the preparation of ARS (Mains) Examination -2014 centre at Jammu and visited Guru Nanak Dev University, Amritsar during 25th to 28th December, 2014.
- Attended 12th Agricultural Science Congress and Received Dr M.S. Randhawa Award at NDRI Karnal and visited NBAGR & other ICAR centres located at Karnal and held interaction meeting with scientists during 03rd to 6th February, 2015.
- Participated as Guest of Honour at 13th Convocation of NDRI, Karnal on February 13th, 2015.



13th Convocation Ceremony of National Dairy Research Institute, Karnal

• Inaugurated "Farm Implement Testing Centre" at Dr P.D. Krishi Vidyapeeth, Krishnanagar, Akola on

February 25th, 2015.

- Chaired the Valedictory Function of Dairy Mela at NDRI, Karnal on February 26th, 2015.
- Inaugurated as Chief Guest the Northern Zone Regional Agriculture Fair, IVRI, Izatnagar on March 17th, 2015.
- Attended as Chief Guest the Valedictory Function of 15th All India Agricultural Universities Youth Festival, NDRI, Karnal on March 21st, 2015.
- Participated as Chief Guest and delivered the convocation address in the 1st Convocation of Guru Kashi University, Telwandi Sabo, Bhatinda on March 27th, 2015.

Special talks, Technical visits and interactive sessions held by Dr V.N. Sharda, Member, ASRB

• Visited Indian Veterinary Research Institute, Bareilly for inspection of conduct of Online NET Examination 2014 on 2nd-3rd April 2014 and interacted with the scientists.



Dr V.N. Sharda, Member, ASRB inspecting the online NET examination 2014 at IVRI, Bareilly

- Interactive meeting with Vice Chancellors of Agricultural Universities and Directors of ICAR Institutes at NASC Complex, New Delhi on 28th April, 2014.
- Attended Tenure Renewal Committee meeting to consider renewal of tenure of DDG (Crop Sciences) on 22nd May, 2014.
- Attended AGM and Foundation Day programme of NAAS at NASC Complex, New Delhi on 4th-5th June, 2014.
- Participated in the meeting of the Sectional Committee-I (Civil Engineering) of INAE as a Member of Judging Committee at Gurgaon on 23rd August, 2014 to elect Fellows of Indian National Academy of Engineering for the year 2015.
- Attended Tenure Renewal Committee to consider renewal of tenure of Directors of ICAR Institutes on 28th August, 2014.

- Participated in the meeting of the Judging Committee as Member for screening of nominations for Recognition Award of the NAAS for Agricultural Engineering and Technology Group for the biennium 2013-14 at NASC Complex, New Delhi on 17th September, 2014.
- Participated in the meeting of the Sectional Committees of NAAS as a Member for election of Fellows for the year 2015 in the area of Agricultural Engineering and Technology at NASC Complex during 17th-19th September, 2014.
- Visited and inspected arrangements for ARS Preliminary and NET Examinations-2014 at CS&WCR&TI, Dehradun during 21st-22nd September, 2014.



Dr V.N. Sharda, Member, ASRB inspecting the arrangements of Preliminary ARS/NET Examinations at CS&WCR&TI, Dehradun

 Visited and inspected arrangements for ARS Preliminary and NET Examinations-2014 at CPRI, Shimla during 23rd to 24th September, 2014.



Dr V.N. Sharda, Member, ASRB inspecting the ARS/NET Preliminary Examinations at CPRI, Shimla

 Participated in the "INAE Annual Convention 2014" at Birla Institute of Scientific Research, Jaipur and visited & interacted with the scientists of CSWRI, Avikanagar during 11th-13th December, 2014.

- Participated in the NAAS Journal Score Committee Meeting as a Member at NAAS Academy Secretariat, NASC Complex, New Delhi on 26th December, 2014.
- Attended Tenure Renewal Committee meeting to consider renewal of tenure of DDG (AS) and Directors of ICAR Institutes (Research Management Positions) on 30th December, 2014 at Krishi Bhawan, New Delhi.
- Attended Tenure Renewal Committee meeting to consider renewal of tenure of Director, CAZRI, Jodhpur on 21st January, 2015.
- Participated in Brainstorming-cum-Workshop of ASRB at NDRI, Karnal during 15th-17th January, 2015 and delivered a Keynote address on "Status of Career Advancement Scheme".
- Visited and interacted with the scientists of CRIDA, Hyderabad on 13th March, 2015.





Dr V.N. Sharda, Member, ASRB interacting with the scientists of CRIDA, Hyderabad

- Delivered a lecture to the Scientists of 101st FOCARS on "Soil Conservation and Watershed Management for Food and Environmental Security in India" at NAARM, Hyderabad on 30th March, 2015.
- Visited and interacted with the scientists of Indian Institute of Millets Research, Hyderabad on 31st March, 2015.





Dr V.N. Sharda, Member, ASRB delivering a lecture to the scientists of 101st FOCARS at NAARM, Hyderabad

Special talks, Technical visits and interactive sessions held by Dr S.K. Bandyopadhyay, Member, ASRB

- Visited and interacted with scientists of DCFR, Bhimtal, PDFMD, IVRI Regional Campus and CITH, Regional Station, Mukteswar during 18th to 23rd April, 2014
- Visited IVRI Regional Station, Palampur and attended ASRB Score Card Committee Meeting at Palampur during 18th - 20th June, 2014



Dr V.N. Sharda, Member, ASRB interacting with the scientists of IIMR, Hyderabad

- Invited as a Chief Guest on Foundation Day of NBAGR, Karnal on September 20th, 2014
- Visited and inspected the progress of online NET(II)-2014 Exam and ARS-2014 (Prelim) examination at Mumbai centre on September 24th, 2014
- Visited and interacted with the faculty of fisheries sciences in WBUFAS on the occasion of 9th Convocation of WBUFAS, Nadia for conferment of D.Sc. (Honoris Cusa) on January 29th, 2015.

Publications



Research Papers

Gajender, **Gurbachan, Singh**, J.C., Dagar, Khajanchi Lal, and R.K. Yadav, 2014. Performance of edible cactus (*Opuntiaficus-indica*) in saline environments. Indian Journal of Agricultural Sciences. 84(4):509-13.

Ghosh, P.K., Sunil Kumar and **Gurbachan, Singh**. 2014. Agronomic practices for agroforestry system in India. Indian Journal of Agronomy 59(4):497-510.

Adamouski, J, H.F. Chan, S.O. Prasher and **V.N. Sharda**. 2014. Comparison of multivariate adaptive regression splines with coupled wavelet transform artificial neural networks for runoff forecasting in Himalayan watersheds with limited data. Journal of Hydro-informatics, 14(3):731-744.

Dogra, Pradeep, **V.N. Sharda**, P.R. Ojasvi, Shiv O Prasher and R.M. Patel. 2014. Compromise Programming Based Model for Augmenting Food Production with Minimum Water Allocation in a Watershed: a Case Study in the Indian Himalayas. Water Resources Management, 28:5247-5265.

Kumar, Gopal, D.R. Sena, K.N. Tiwari, R.S. Kurothe and **V.N. Sharda**. 2014. Statistical assessment of Soil-Water Characteristic models. Indian Journal of Soil Conservation, 42(1):1-9.

Sharda, V.N., Pradeep Dogra and D.R. Sena. 2015. Comparative economic analysis of inter-crop based conservation bench terrace and conventional systems in a sub-humid climate of India. J. Resources, Conservation and Recycling , 98 (2015): 30-40.

Manoj M., R.S. Gandhi, Raja T.V., **A.P. Ruhil**, A. Singh and A.K. Gupta, 2014, "Comparison of artificial neural network and multiple linear regression for prediction of first lactation milk yield using early body weights in Sahiwal cattle", *Indian Journal of Animal Sciences* 84 (4), Pg: 427–430

Singh, Animesh, N.L. Jat, Raghvendra Singh , **Suresh Pal**, Amitesh Kumar Singh and B.A. Gudade (2014) Effect of fertility levels and bioinoculants on growth, productivity and economics of cluster bean (Cyamopsistetragonoloba). Indian Journal of Agricultural Sciences 84(6):784-6

Singh, Animesh, N.L. Jat, Raghvendra Singh, **Suresh Pal.** 2014. Effect of fertility levels and bioinoculants on, productivity, quality and nutrient acquisition of cluster bean (*Cyamopsistetragonoloba*). Indian Journal of Agronomy 59(3):485-488(September 2014)

Dadgale, P.L., D.A., Chavan, B.A., Gudade , S.G., Jadhav, V.A. , Deshmukh and **Suresh Pal**. 2014. Productivity and quality of Bt cotton (Gossypiumhirsutam) as influenced by planting geometry and nitrogen levels under irrigated and rainfed conditions. Indian Journal of Agricultural Sciences 84 (9):1069-72

Popular Articles

Prasad, Dashrath and **Suresh Pal** (2014). Agriculture Technology for Rice Wheat Cropping System in India. Kurukshetra 62(8):28-30

तिवारी, एस. के., मूरे, संध्या, **सुरेशपाल** और सुभाष बाबु (2014). कैसे हो कृषि महिलाओं का विकास. खेती (सितम्बर 2014): 43–45

International Conference

T. V. Raja, **A. P. Ruhil** and R. S. Gandhi, 2015, "Application of Data Mining Techniques to Study the Sex Ratio Distortion in Crossbred Dairy Cattle", Proceedings of International Conference on "Computing for Sustainable Global Development" (INDIACom-2015 and IEEE Conference ID: 35071), ISSN 0973-7529; ISBN 978-93-80544-14-4, March 11-13, 2015, New Delhi, Pg: 5.131-134

Ravi Kant Gupta, S.S. Lathwal, **A.P. Ruhil**, T.K. Mohanty and Y. Singh, 2015, "Lameness Prediction in Karan Fries Cross-bred Cows Using Decision Tree Models", Proceedings of International Conference on "Computing for Sustainable Global Development" (INDIA Com-2015 and IEEE Conference ID: 35071), ISSN 0973-7529; ISBN 978-93-80544-14-4, March 11th-13th, 2015, New Delhi, Pg: 5. 125–130

S. Sarangi, A. Bisht, V. Rao, S. Kar, T. K. Mohanty, **A. P. Ruhil**, 2014, "Development of a Wireless Sensor Network for Animal Management: Experiences with Moosense", Proceedings of IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS), 2014, New Delhi, December 14th-17th, 2014. DOI:10.1109/ANTS.2014.7057261, ISBN: 978-1-4799-5867-2, 2014, Pg: 1–6

National Conference

Singh, Gurbachan 2014. Agriculture Diversification

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Options for Food, Livelihood and Environmental Security. National Symposium on "Agricultural Diversification for Sustainable Livelihood and Environmental Security", PAU, Ludhiana, 17th to 21st November,2014.

Singh, Gurbachan 2014. Integrated Farming System for Food, Nutritional and Environmental Security: CSSRI Model. National Symposium on "Agricultural Diversification for Sustainable Livelihood and Environmental Security", PAU, Ludhiana, 17th to 21st November, 2014.

Sharda, **V.N.** 2014. Conservation strategies for mitigating production losses due to land degradation in India. Proc. National Symposium on Engineering Interventions in Conservation Agriculture, 48th Annual Convention of ISAE, organized by ISAE and College of Technology and Engineering, MPUA&T, Udaipur, pp. 50-66.

Pal, Suresh Rajvir Sharma and H.B. Sharma 2014. "Effect of different herbicide molecules on weed density in wheat (Triticum aestivum L.)" Proceedings of National Symposium on Agricultural Diversification for Sustainable Livelihood and Environment Security, PAU, Ludhiana, 18th - 20th November, pp. 404–405.

Book Chapters

Subhash Chand, Alok K. Sikka, **V.N. Sharda**, M. Madhu, D.V. Singh, R. Raghupathy and M.S. Meena. 2015. Sustainable Agriculture Development in Rainfaid Areas through Watershed Programme: A Case Study. In: Water Management in Agriculture, M.S. Meena, K.M. Singh and B.P. Bhatt (Eds.), pp 75-94, Jaya Publishing House, Jodhpur.

Bulletins

Singh, Gurbachan, *et. al.* 2014. Resource Conservation Technologies in Rice-Wheat System. Technical Bulletin CSSRI/Karnal/2014/02, Central Soil Salinity Research Institute, Karnal, India.

Mahapatra, S.K., R.P. Yadav, S.P. Singh, R.K. Aggarwal, J.P. Sharma, A.K. Tiwari, G.S. Sidhu, Dipak Sarkar, S.K. Singh, **V.N. Sharda** and P.K. Mishra. 2014. Soil Erosion in Delhi. Technical Bulletin No. 166, NBSS&LUP, Nagpur and CSWCR&TI, Dehradun, 34p.

Appendix I

Excerpts of relevant provisions of rules and byelaws of the ICAR Society

CONSTITUTION

Rule 25

There will be an Agricultural Scientists Recruitment Board with a whole time Chairman and other members, who shall be appointed by the President, with the approval of the Government of India.

25 (a) If the Office of the Chairman of the ASRB becomes vacant or if he is by reasons of absence or for any other reasons unable to perform the duties of his Office, these duties shall, until some other person is appointed under Rule 25 to the vacant office, or has entered on the duties thereof or, as the case may be until the Chairman has resumed his duties or a new Chairman has been appointed, be performed by such or the other member of the ASRB, as the President, Indian Council of Agricultural Research, may appoint for the purpose.

25 (b) The Chairman of the ASRB shall hold office for a term of 7 years and other Members of the ASRB 6 years from the date on which they enter upon their office or until they attain the age of 65 years, whichever is earlier.

25 (c) (i) Subject to the provisions mentioned; here in below, the Chairman or any other Member of the ASRB shall only be removed from his office by the order of the President, ICAR, on the ground of misbehavior after a high-powered Committee of three members nominated by the Governing Body on reference being made to it by the President has an enquiry held in accordance with the principle of natural justice reported that the Chairman or such other Member, as the case may be, ought on any such grounds be removed.

Notwithstanding anything mentioned above, the President may by order remove from office of the Chairman or any other member of the ASRB, if the Chairman or such other member, as the case may be:

- (a) Is adjudged as insolvent; or
- (b) Engages during his term of office in any paid employment outside the duties of his office; or
- (c) Is in the opinion of the President, unfit to continue in office by reason of infirmity of mind or body.

25 (c) (ii) The Chairman may in writing, delegate such of his powers as he may consider necessary to any other member of the ASRB.

FUNCTIONS

Rule 26

- (a) The Recruitment Board shall function as an independent recruiting agency and shall be responsible for recruitment to posts in the Agricultural Research Service and to such other posts and services as may be specified by the President from time to time.
- (b) The Recruitment Board shall render such other assistances to the Council in personnel matters including promotion as may be required by the President.
- (c) The Recruitment Board shall advise the Council in disciplinary matters relating to personnel recruited/ appointed either by the Council itself or in consultation with the Recruitment Board.
- (d) The Recruitment Board shall submit annually by the second week of May of the year following the financial year, a report of its activities for each financial year to the President.

RECRUITMENT RULES

Rule 73

Recruitment and appointment to the various posts in the Council shall be made in accordance with the Recruitment Rules framed or to be framed for the purpose in the Council in consultation with the Chairman or any other member of the ASRB to whom the Chairman has delegated his powers under Rule 25(c)(ii) and duly approved by the Governing Body and the President.

SELECTION COMMITTEES, INTERVIEW BOARDS — COMPOSITION OF

Byelaw 24

The Composition of Committees, Boards or other



such bodies for promotion, selection, recruitment and other matters incidental thereto or connected therewith for various posts under the Council shall be as prescribed in consultation with the Chairman, Agricultural Scientists Recruitment Board, or any other member authorized by him and duly approved by the President, ICAR.

APPOINTMENT OF EMINENT SCIENTISTS/ SCIENTIST PLACEMENT SCHEME

Byelaw 26

The Director-General may on his own or on the advice of the Directors of the Research Institutes or Vice-Chancellors of the Agricultural Universities invite an eminent Indian Scientist for the appointment in a suitable grade according to the qualifications and experience with the concurrence of the Agricultural Scientists Recruitment Board and with the approval of the President.

Appendix II

Receipts and expenditure of ASRB during 2014-15

Receipts			Amount (in ₹ lakhs)
A — Receipts			
Application and examination fees	264.03		
	Non-Plan	Plan	NAIP(30.3.14)
B — Expenditure			
Salaries	405.61		0
Wages (Contractual Staff)	66.70		0
Over-time allowance (OTA)	0.15		0
Travel expenses (within country/ Abroad)	11.27		0
Office expenses	134.41		0
Expenditure on Examinations and Selections/ Recruitment			
 (a) Travelling/ Honorarium expenses (Experts, Advisors and candidates) 	228.04		0
(b) Other expenses	135.41	*72.27	*598.07
Sub total	981.59	72.27	598.07
Sub total (ASRB Plan + NAIP)			670.34
Grand Total (Non-Plan and Plan)	1651.93		
*Capital Expenditure			

*Capital Expenditure

Comparative profile of workload of the Board over the preceding five years

		2010-11	2011-12	2012-13	2013-14	2014-15
Α.	Recruitment by examinations					
	No. of examinations held	03+	05@	*02	**06	#07
	No. of posts	319	764	431	506	640
	No. of applications received	28379	104894	45801	41976	1,07,862
	No. of candidates interviewed	740	665	745	1104	706
	No. of centers in India where examination were held	33	99	33	33	23
В.	Recruitment by Interviews/ Direct Recruitment					
	No. of Posts for which interviews were held	371	228	97	508	143
	No. of applications received	5390	3224	1505	4050	1741
	No. of candidates called for interview	2426	1488	683	1592	759
	No. of candidates appeared for interview	1808	1132	442	1081	570
С.	No. of candidates qualified for NET	4904	2342	1845	2591	6937
D.	No. of scientists assessed (CAS)	247	9	749	255	245
E.	Five yearly assessment	-	-	11	0	1
F.	Induction into ARS	-	-	1	2	1

+1. ARS/NET Examination 2010 and Limited Departmental Competitive Examination 2010 for Assistant and Section Officer at ICAR Headquarters.

@2. ARS/NET Examination 2011, AO & F& ACO Examination and Limited Departmental Competitive Examination 2011 for Assistants & Section Officers at ICAR Headquarters and Online Examination for Assistants.

*3. ARS and NET 2012 Preliminary Examinations

**4. ARS and NET 2013 Preliminary Examinations, ARS Main Examination, and Limited Departmental Competitive Examination 2013 for Assistant, Private Secretary and Section Officer at ICAR Headquarters

#5. ARS and NET 2014 Preliminary Examinations, ARS Main Examination, AO & F& ACO Examination, Assistant Director (OL) Examination, Assistant Examination 2014 and Limited Departmental Competitive Examination 2014 for Assistant, Private Secretary, Section Officer and UDC at ICAR Headquarters

Appendix IV(A)

Discipline-wise break-up of candidates in NET 2014-I & II

S.No	Discipline		NET 2014 (I)			NET 2014 (II))
		Candidates Qualified	Candidates Qualified	Candidates Qualified	Candidates Qualified	Candidates Qualified	Candidates Qualified
1.	Veterinary Pathology	138	112	49	143	112	52
2.	Animal Nutrition	130	106	39	151	118	55
3.	Veterinary Parasitology	77	63	19	107	85	69
4.	Veterinary Medicine	170	145	27	217	182	55
5.	Poultry Science	61	52	39	70	54	23
6.	Veterinary Anatomy	0	0	0	96	87	61
7.	Veterinary Public Health	70	56	11	109	84	49
8.	Livestock Product Technology	85	69	13	118	94	46
9.	Veterinary Microbiology	147	114	19	155	119	40
10.	Livestock Production Management	188	129	8	229	195	39
11.	Animal Reproduction & Gynecology	123	94	0	176	148	42
12.	Animal Physiology	120	104	9	167	122	21
13.	Animal Biotechnology	174	149	8	275	185	15
14.	Veterinary Pharmacology	93	70	5	129	96	16
15.	Dairy Microbiology	22	16	5	47	29	14
16.	Animal Genetics & Breeding	98	70	2	134	100	15
17.	Animal Biochemistry	150	125	8	227	147	8
18.	Dairy Chemistry	21	15	3	59	42	13
19.	Veterinary Surgery	135	121	1	151	127	13
20.	Dairy Technology	127	93	5	129	95	6
21.	Agricultural Biotechnology	2821	2325	652	4339	2920	326
22.	Plant Pathology	803	572	185	1282	905	344
23.	Agricultural Entomology	869	670	155	1178	861	363
24.	Agricultural Microbiology	1182	967	180	1584	1039	303
25.	Agronomy	1243	954	214	1358	1053	190
26.	Genetics & Plant Breeding	906	670	47	1309	991	307
27.	Plant Physiology	412	316	54	604	423	90
28.	Seed Science & Technology	229	176	58	263	209	74
29.	Nematology	86	65	17	103	72	19
30.	Plant Biochemistry	329	255	7	555	383	21
31.	Agricultural Chemicals	50	37	11	76	42	7



S.No	Discipline		NET 2014 (I)			NET 2014 (II))
		Candidates Qualified	Candidates Qualified	Candidates Qualified	Candidates Qualified	Candidates Qualified	Candidates Qualified
32.	Economic Botany & Plant Genetics Resources	163	126	6	387	221	9
33.	Food Technology	666	552	101	1016	736	191
34.	Agricultural Process Engineering	227	196	16	346	296	61
35.	Land and Water Management Engineering	287	225	16	386	287	59
36.	Farm Machinery and Power	183	152	4	244	207	9
37.	Agricultural Structures and Environmental Management	6	5	2	14	10	3
38.	Aquaculture	196	153	30	250	185	101
39.	Fish Process Technology	83	69	16	102	74	26
40.	Fisheries Resource Management	127	96	21	260	189	15
41.	Fish Health	34	25	10	48	37	18
42.	Fish Nutrition	16	14	7	26	21	12
43.	Fish Genetics & Breeding	23	15	8	29	21	10
44.	Vegetable Science	625	459	194	598	465	195
45.	Fruit Science	538	394	10	676	540	268
46.	Floriculture & Landscaping	178	135	75	219	175	65
47.	Spices, Plantation & Medicinal & Aromatic Plants	104	77	10	142	110	10
48.	Soil Sciences	821	618	129	1036	832	144
49.	Environmental Sciences	727	560	85	1025	712	86
50.	Agroforestry	332	262	16	399	309	42
51.	Agricultural Meteorology	66	49	14	87	70	17
52.	Agricultural Extension	605	442	56	831	595	77
53.	Agricultural Economics	527	374	27	668	524	99
54.	Agricultural Business Management	313	218	5	303	212	6
55.	Agricultural Statistics	157	119	4	304	207	5
56.	Home Sciences	182	133	0	423	261	1
	Total	18245	14178	2712	25359	18415	4225

Appendix IV(B)

Discipline-wise break-up of candidates in ARS-2014 (Preliminary) Examination held during 22nd-28th September, 2014

Sl.No	Discipline	Candidates Registered	Candidates Appeared	Qualified for Main Examination
1.	Agricultural Biotechnology	2120	1287	30
2.	Agricultural Entomology	867	648	135
3.	Agricultural Microbiology	1119	698	61
4.	Economic Botany & Plant Genetics Resources	316	187	13
5.	Genetics & Plant Breeding	1191	937	306
6.	Nematology	57	44	15
7.	Plant Biochemistry	335	222	36
8.	Plant Pathology	1187	902	330
9.	Plant Physiology	252	175	15
10.	Seed Science & Technology	107	79	15
11.	Fruit Science	189	146	30
12.	Spices, Plantation & Medicinal & Aromatic Plants	72	53	14
13.	Vegetable Science	200	151	15
14.	Animal Reproduction & Gynaecology	69	59	16
15.	Dairy Chemistry	51	40	15
16.	Dairy Microbiology	60	38	15
17.	Dairy Technology	74	54	17
18.	Livestock Product Technology	104	81	56
19.	Veterinary Medicine	112	101	53
20.	Veterinary Surgery	90	79	15
21.	Aquaculture	189	150	119
22.	Fisheries Resource Management	292	217	36
23.	Fish Process Technology	105	81	52
24.	Fish Nutrition	26	22	15
25.	Fish Health	51	40	26
26.	Agricultural Chemicals	72	45	16
27.	Agricultural Meteorology	42	35	15
28.	Agronomy	600	480	61
29.	Soil Sciences	550	447	121
30.	Agricultural Economics	329	258	76
31.	Agricultural Extension	466	343	62

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Sl.No	Discipline	Candidates Registered	Candidates Appeared	Qualified for Main Examination
32.	Agricultural Statistics and Informatics	266	184	6
33.	Home Sciences	163	103	2
34.	Farm Machinery and Power	205	172	26
35.	Agricultural Structures and Environmental Management	25	12	2
36.	Land and Water Management Engineering	343	273	92
37.	Agricultural Process Engineering	395	334	136
Total		12691	9177	2065

Appendix IV(C)

Discipline-wise break-up of candidates in ARS-2014 (Main) Examination held on 28th December, 2014

Sl.No	Discipline Name	Qualified for Main Examination	Appeared in Main Examination	Qualified for Viva Voce
1.	Agricultural Biotechnology	30	27	11
2.	Agricultural Entomology	135	119	46
3.	Agricultural Microbiology	61	56	19
4.	Economic Botany & Plant Genetics Resources	13	13	10
5.	Genetics & Plant Breeding	306	281	97
6.	Nematology	15	13	5
7.	Plant Biochemistry	36	33	22
8.	Plant Pathology	330	279	110
9.	Plant Physiology	15	13	5
10.	Seed Science & Technology	15	13	5
11.	Fruit Science	30	26	11
12.	Spices, Plantation & Medicinal & Aromatic Plants	14	11	9
13.	Vegetable Science	15	15	5
14.	Animal Reproduction & Gynaecology	16	16	5
15.	Dairy Chemistry	15	13	5
16.	Dairy Microbiology	15	13	6
17.	Dairy Technology	17	15	6
18.	Livestock Product Technology	56	45	19
19.	Veterinary Medicine	53	43	19
20.	Veterinary Surgery	15	10	2
21.	Aquaculture	119	108	52
22.	Fisheries Resource Management	36	36	20
23.	Fish Process Technology	52	50	7
24.	Fish Nutrition	15	14	1
25.	Fish Health	26	24	24



Sl.No	Discipline Name	Qualified for Main Examination	Appeared in Main Examination	Qualified for Viva Voce
26.	Agricultural Chemicals	16	15	11
27.	Agricultural Meteorology	15	13	5
28.	Agronomy	61	55	20
29.	Soil Sciences	121	108	20
30.	Agricultural Economics	76	60	25
31.	Agricultural Extension	62	55	20
32.	Agricultural Statistics and Informatics	6	6	3
33.	Home Sciences	2	2	1
34.	Farm Machinery and Power	26	26	12
35.	Agricultural Structures and Environmental Management	2	1	1
36.	Land and Water Management Engineering	92	81	44
37.	Agricultural Process Engineering	136	127	23
	Total	2065	1835	706

Appendix V

Direct recruitment 2014-15

S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called			Recommendation Sent to Council on
Dep	uty Direc	or Gei	nerals						
1.	01/2014	(1)	Deputy Director General (Education), ICAR Hqrs., New Delhi	03-07-2014	36	12	10	Selected	03-07-2014
2.	01/2014	(2)	Deputy Director General (Engineering), ICAR Hqrs., New Delhi	04-07-2014	11	6	6	Selected	07-07-2014
3.	02/2014	(81)	Deputy Director General (Agricultural Extension), ICAR Hqrs., New Delhi	24-11-2014	12	2	2	Selected	24-11-2014
4.	02/2014	(80)	Deputy Director General (Crop Science), ICAR Hqrs., New Delhi	06-01-2015	26	8	8	Selected	07-01-2015
Assi	stant Dire	ector G	enerals						
1.	01/2014	(03)	Assistant Director General (Coordination), ICAR Hqrs., New Delhi	20-08-2014	64	10	8	Selected	21-08-2014
2.	01/2014	(04)	Assistant Director General (Education Quality Assurance Reforms), ICAR Hqrs., New Delhi	25-08-2014	67	11	11	Selected	26-08-2014
3.	02/2014	(85)	Assistant Director General (Human Resource Development), ICAR Hqrs., New Delhi	22-01-2015	95	18	10	Selected	22-01-2015
4.	02/2014	(86)	Assistant Director General (Education Planning & Home Science), ICAR Hqrs., New Delhi	23-01-2015	36	10	6	Selected	23-01-2015
5.	02/2014	(84)	Assistant Director General (Food & Fodder Crops), ICAR Hqrs., New Delhi	09-02-2015	27	10	7	Selected	09-02-2015
Dire	ctors								
1.	01/2013	(11)	Director, Indian Institute of Soil Science, Bhopal	04-04-2014	18	10	5	Selected	04-04-2014
2.	01/2014	(07)	Director, Central Institute of Fisheries Technology, Cochin	30-07-2014	11	7	7	Selected	30-07-2014
3.	01/2014	(08)	Director, Central Institute of Brackishwater Aquaculture, Chennai	31-07-2014	24	6	5	Selected	31-07-2014



S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called	Candidates Appeared		Recommendation Sent to Council on
4.	01/2014	(16)	Director, NRC of Equines, Hisar	01-08-2014	24	6	4	Selected	01-08-2014
5.	01/2014	(18)	Director, Central Institute for Research on Cattle, Meerut	04-08-2014	38	10	8	Selected	04-08-2014
6.	01/2014	(05)	Director, National Institute of Animal Nutrition and Physiology, Bangalore	07-08-2014	28	9	8	Selected	11-08-2014
7.	01/2014	(11)	Director, Indian Institute of Vegetable Research, Varanasi	11-08-2014	24	11	7	Selected	11-08-2014
8.	01/2014	(10)	Director, Central Institute of Agricultural Engineering, Bhopal	12-08-2014	19	10	9	Selected	12-08-2014
9.	01/2014	(14)	Director, Central Research Institute for Dryland Agriculture, Hyderabad	13-08-2014	37	10	8	Selected	14-08-2014
10.	01/2014	(06)	Director, Directorate of Medicinal & Aromatic Plants Research, Anand (Gujarat)	26-08-2014	28	10	6	Selected	26-08-2014
11.	01/2014	(09)	Director, Central Tobacco Research Institute, Rajahmundry	27-08-2014	16	7	5	Selected	27-08-2014
12.	01/2014	(12)	Director, Central Plantation Crops Research Institute, Kasargod	28-08-2014	10	5	4	Selected	29-08-2014
13.	01/2014	(13)	Director, Sugarcane Breeding Institute, Coimbatore	09-09-2014	10	6	6	Selected	09-09-2014
14.	01/2014	(15)	Director, Directorate of Groundnut Research, Junagarh	10-09-2014	14	8	6	Selected	11-09-2014
15.	02/2014	(93)	Director, National Research Centre on Mithun, Nagaland	05-01-2015	12	7	6	Selected	05-01-2015
16	02/2014	(88)	Director, Directorate of Water Management, Bhubaneswar	08-01-2015	22	12	10	Selected	08-01-2015
17.	02/2014	(89)	Director, National Research Centre for Orchids, Pakyong (Sikkim)	09-01-2015	11	5	5	Selected	09-01-2015
18.	02/2014	(90)	Director, Vivekananda Parvatiya Krishi Anusandhan Sansthan, VPKAS, Almora	30-01-2015	45	10	7	Selected	30-01-2015
19.	02/2014	(92)	Director, Directorate of Soybean Research, Indore	09-02-2015	16	7	5	Selected	09-02-2015

S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called			Recommendation Sent to Council on
Zon	al Project	Direct	ors						
1.	02/2014	(95)	Zonal Project Director, Zone-I, Punjab Agricultural University Campus, Ludhiana, Punjab	29-01-2015	35	9	9	Selected	29-01-2015
2.	02/2014	(96)	Zonal Project Director, Zone-IV, Rawatpur, Kanpur	29-01-2015	30	6	6	Selected	29-01-2015
Join	t Director	s of N	ational Institute						
1.	01/2014	(20)	Joint Director (Research), National Dairy Research Institute, Karnal	06-08-2014	37	11	9	Selected	11-08-2014
2.	01/2014	(19)	Joint Director (Extension), IARI, New Delhi	08-09-2014	10	2	2	Selected	09-09-2014
3.	02/2014	(97)	Joint Director (CADRAD), Indian Veterinary Research Institute, Izatnagar	07-01-2015	12	3	3	Selected	08-01-2015
Hea	d of Divis	ions							
1.	02/2013	(200)	Head, ICAR-RC-ER Regional Centre for Makhana, Darbhanga under ICAR Research Complex for Eastern Region, Patna	16-04-2014	8	5	2	Selected	23-04-2014
2.	02/2013	(201)	Head, Division of Agro- Produce Processing, Central Institute of Agricultural Engineering, Bhopal	16-04-2014	3	2	2	Selected	23-04-2014
3.	02/2013	(202)	Head, Division of Soil Science, Indian Grassland and Fodder Research Institute, Jhansi	16-04-2014	10	6	4	Selected	23-04-2014
4.	01/2014	(30)	Head, Division of Dairy Cattle Breeding, National Dairy Research Institute, Karnal	05-08-2014	6	4	3	Selected	26-08-2014
5.	01/2014	(37)	Head, Division of Animal Science, Central Agricultural Research Institute, Port Blair	05-08-2014	6	5	2	Selected	20-08-2014
6.	01/2014	(41)	Head, Division of Nutrition, Genetics & Biotechnology, Central Institute of Brackishwater Aquaculture, Chennai	08-08-2014	7	5	4	Selected	20-08-2014
7.	01/2014	(56)	Head, Division of Biochemistry & Nutrition, Central Institute of Fisheries Technology, Cochin	08-08-2014	2	1	1	Selected	20-08-2014



S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called	Candidates Appeared		Recommendation Sent to Council on
8.	01/2014	(59)	Head, Division of Fruit Crops, Indian Institute of Horticultural Research, Bangalore	08-08-2014	6	3	3	Selected	19-08-2014
9.	01/2014	(71)	Head, Division of Animal Nutrition, Central Sheep & Wool Research Institute, Avikanagar	11-08-2014	3	3	3	Selected	20-08-2014
10.	01/2014	(36)	Head, Division of Aquaculture Production & Environment, Central Institute of Freshwater Aquaculture, Bhubaneswar	20-08-2014	11	9	9	Selected	26-08-2014
11.	01/2014	(38)	Head, Division of Fisheries, Central Agriculture Research Institute, Port Blair	20-08-2014	6	4	1	Selected	26-08-2014
12.	01/2014	(34)	Head, Division of Marine Bio-Diversity, Central Marine Fisheries Research Institute, Cochine	21-08-2014	7	4	3	Selected	26-08-2014
13.	01/2014	(35)	Head, Division of Fishery Resource Assessment, Central Marine Fisheries Research Institute, Cochin	21-08-2014	3	2	2	Selected	26-08-2014
14.	01/2014	(40)	Head, Division of Aquatic Health & Environment, Central Institute of Brackishwater Aquaculture, Chennai	21-08-2014	11	6	5	Selected	26-08-2014
15.	01/2014	(32)	Head, Division of Veterinary Public Health, Indian Veterinary Research Institute, Izatnagar	22-08-2014	2	2	2	Selected	26-08-2014
16.	01/2014	(31)	Head, Division of Veterinary Surgery, Indian Veterinary Research Institute, Izatnagar	26-08-2014	3	3	3	Selected	28-08-2014
17.	01/2014	(29)	Head, Division of Dariy Technology, National Dairy Research Institute, Karnal	26-08-2014	3	3	2	Selected	28-08-2014
18.	01/2014	(27)	Head, IARI Regional Station, Wellington (Tamil Nadu), under Indian Agricultural Research Institute, New Delhi	01-09-2014	2	2	2	Selected	02-09-2014
19.	01/2014	(28)	Head, IARI Regional Station, Pusa (Bihar) under Indian Agricultural Research Institute, New Delhi	01-09-2014	3	3	3	Selected	02-09-2014

S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called	Candidates Appeared		Recommendation Sent to Council on
20.	01/2014	(25)	Head, Division of Genetics, Indian Agricultural Research Institute, New Delhi	05-09-2014	14	9	5	Selected	09-09-2014
21.	01/2014	(26)	Head, Division of Plant Pathology, Indian Agricultural Research Institute, New Delhi	11-09-2014	7	7	7	Selected	11-09-2014
22.	01/2014	(46)	Head, Division of Crop Production, Central Potato Research Institute, Shimla	11-09-2014	2	2	2	Selected	17-09-2014
23.	01/2014	(51)	Head, Division of Crop Production, Central Rice Research Institute, Cuttack	11-09-2014	9	8	8	Selected	17-09-2014
24.	01/2014	(53)	Head, Division of Crop Production, Sugarcane Breeding Institute, Coimbatore	11-09-2014	7	4	3	Selected	17-09-2014
25.	01/2014	(42)	Head, Division of Insect Molecular Entomology, National Bureau of Agriculturally Important Insects, Bangalore	12-09-2014	5	3	2	Selected	15-09-2014
26.	01/2014	(44)	Head, Division of Plant Protection, Central Potato Research Institute, Shimla	12-09-2014	1	1	1	Selected	15-09-2014
27.	01/2014	(52)	Head, Division of Crop Protection, Central Rice Research Institute, Cuttack	12-09-2014	4	3	3	Selected	15-09-2014
28.	01/2014	(77)	Head, Division of Crop Production, Central Institute of Arid Horticulture, Bikaner	12-09-2014	10	8	7	Selected	17-09-2014
29.	01/2014	(72)	Head, Division of Crop Production, Central Tobacco Research Institute, Rajahmundry	12-09-2014	8	5	4	Selected	17-09-2014
30.	01/2014	(47)	Head, Division of Social Science, Central Potato Research Institute, Shimla	15-09-2014	2	2	2	Selected	19-09-2014
31.	01/2014	(61)	Head, Division of Extension & Training, Indian Institute of Horticultural Research, Bangalore	15-09-2014	4	4	4	Selected	19-09-2014
32.	01/2014	(45)	Head, Division of Crop Physiology, Biochemistry & Post Harvest Technology, Central Potato Research Institute, Shimla	16-09-2014	6	4	3	Selected	19-09-2014



S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called	Candidates Appeared		Recommendation Sent to Council on
33.	01/2014	(60)	Head, Division of Post Harvest Technology, Indian Institute of Horticultural Research, Bangalore	16-09-2014	6	3	3	Selected	23-09-2014
34.	01/2014	(24)	Head, Division of Seed Science & Technology, Indian Agricultural Research Institute, New Delhi	22-09-2014	20	10	8	Selected	24-09-2014
35.	01/2014	(50)	Head, Division of Biochemistry, Physiology & Enviromental Science, Central Rice Research Institute, Cuttack	22-09-2014	4	2	2	Selected	24-09-2014
36.	01/2014	(48)	Head, Division of Crop Improvement & Biotechnology, Indian Institute of Spices Research, Calicut	22-09-2014	2	2	2	Selected	24-09-2014
37.	01/2014	(57)	Head, Division of Biotechnology, Indian Institute of Horticultural Research, Bangalore	23-09-2014	5	3	3	Selected	24-09-2014
38.	01/2014	(54)	Head, SBI Regional Centre-Karnal under Sugarcane Breeding Institute, Coimbatore	23-09-2014	10	6	5	Selected	24-09-2014
39.	01/2014	(62)	Head, Division of Crop Improvement, Central Soil Salinity Research Institute, Karnal	24-09-2014	8	6	4	Selected	25-09-2014
40.	01/2014	(63)	Head, CSSRI Regional Research Station, Bharuch (Gujarat) under Central Soil Salinity Research Institute, Karnal	24-09-2014	7	5	2	Selected	25-09-2014
41.	01/2014	(58)	Head, Division of Vegetable Crops, Indian Institute of Horticulral Research, Bangalore	24-09-2014	5	5	5	Selected	25-09-2014
42.	01/2014	(70)	Head, Division of Crop Research, ICAR Research Complex for Eastern Region, Patna	25-09-2014	9	9	5	Selected	26-09-2014
43.	01/2014	(78)	Head, Division of Plant Quarantine, National Bureau of Plant Genetic Resources, New Delhi	25-09-2014	11	8	6	Selected	26-09-2014
44.	01/2014	(76)	Head, NBSS & LUP Regional Centre, New Delhi under National Bureau of Soil Survey & Land Use Planning, Nagpur	26-09-2014	16	10	5	Selected	26-09-2014

S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called			Recommendation Sent to Council on
45.	01/2014	(68)	Head, Regional Research Centre, Ranchi under ICAR Research Complex for Eastern Region Patna, Bihar	26-09-2014	15	11	5	Selected	07-10-2014
46.	01/2014	(39)	Head, Division of Natural Resource Management, Central Agricultural Rersearch Institute, Port Blair	01-10-2014	3	2	1	Selected	07-10-2014
47.	01/2014	(49)	Head, Division of Statistical Genetics, Indian Agricultural Statistics Research Institute, New Delhi	01-10-2014	3	3	3	Selected	07-10-2014
48.	01/2014	(73)	Head, Division of Crop Chemistry & Soil Science, Central Tobacco Research Institute, Rajahmundry	07-10-2014	5	4	4	Selected	30-10-2014
49.	01/2014	(67)	Head, CS&WCR&TI Regional Centre, Vasad under Central Soil and Water Conservation Research and Training Institute, Dehradun	08-10-2014	5	4	3	Selected	30-10-2014
50.	01/2014	(64)	Head, Division of Human Resource Development and Social Science, Central Soil and Water Conservation Research and Training Institute, Dehradun	09-10-2014	13	9	6	Selected	30-10-2014
51.	01/2014	(65)	Head, Division of Plant Science, Central Soil and Water Conservation Research and Training Institute, Dehradun	10-10-2014	9	8	4	Selected	30-10-2014
52.	02/2014	(104)	Head, Division of Pharmacology & Toxicology, Indian Veterinary Research Institute, Izatnagar	07-01-2015	3	2	1	Selected	19-01-2015
53.	02/2014	(105)	Head, Division of Biological Products, Indian Veterinary Research Institute, Izatnagar	07-01-2015	2	1	1	Selected	19-01-2015
54.	02/2014	(126)	Head, Division of Aquaculture, Central Institute of Fishries Education, Mumbai	08-01-2015	9	6	6	Selected	19-01-2015
55.	02/2014	(127)	Head, Division of Reservoir and Wetland Fisheries, Central Inland Fisheries Research Institute, Barrackpore	08-01-2015	4	3	3	Selected	19-01-2015



S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called	Candidates Appeared		Recommendation Sent to Council on
56.	02/2014	(106)	Head, Division of Germplasm Conservation, National Bureau of Plant Genetics Resources, New Delhi	20-01-2015	12	10	6	Selected	22-01-2015
57.	02/2014	(107)	Head, Division of Plant Exploration and Germplasm Collection, National Bureau of Plant Genetic Resources, New Delhi	21-01-2015	17	10	8	Selected	22-01-2015
58.	02/2014	(113)	Head, Division of Microbiology, Indian Agricultural Research Institute, New Delhi	02-02-2015	6	4	3	Selected	04-02-2015
59.	02/2014	(130)	Head, Division of Crop Improvement, Central Research Institute for Jute & Allied Fibres, Barrackpore	02-02-2015	1	1	1	Selected	04-02-2015
60.	02/2014	(132)	Head, Division of Crop Improvement, Central Institute of Arid Horticulture, Bikaner	02-02-2015	7	4	4	Selected	04-02-2015
61.	02/2014	(111)	Head, Division of Floriculture & Landscaping, Indian Agricultural Research Institute, New Delhi	10-02-2015	6	6	6	Selected	10-02-2015
62.	02/2014	(108)	Head, Division of Germplasm Evaluation, National Bureau of Plant Genetic Resources, New Delhi	12-02-2015	25	10	7	Selected	12-02-2015
63.	02/2014	(110)	Head, Regional Station, Kandukur, Prakasam District (A.P.) under Central Tobacco Research Institute, Rajahmundry	23-02-2015	5	5	2	Selected	25-02-2015
64.	02/2014	(116)	Head, Regional Station, Indore under Indian Agricultural Research Institute, New Delhi	23-02-2015	10	8	6	Selected	25-02-2015
65.	02/2014	(122)	Head, Division of Transfer of Technology, Training & Production Economics, Central Arid Zone Research Institute, Jodhpur	20-03-2015	15	5	3	Selected	06-04-2015
66.	02/2014	(101)	Head, Regional Centre, Kolkata under National Bureau of Soil Survey & Land Use Planning, Nagpur	23-03-2015	16	10	8	Selected	06-04-2015

S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called	Candidates Appeared		Recommendation Sent to Council on
67.	02/2014	(102)	Head, Regional Centre, Jorhat under National Bureau of Soil Survey & Land Use Planning, Nagpur	23-03-2015	5	5	3	Selected	06-04-2015
68.	02/2014	(124)	Head, Division of Food Grains & Oilseed Processing, Central Institute of Post Harvest Engineering & Technology, Ludhiana	24-03-2015	6	4	4	Selected	07-04-2015
69.	02/2014	(103)	Head, Regional Centre, Bangalore under National Bureau of Soil Survey & Land Use Planning, Nagpur	24-03-2015	11	10	9	Selected	01-04-2015
70.	02/2014	(112)	Head, Division of Agricultural Economics, Indian Agricultural Research Institute, New Delhi	25-03-2015	10	8	5	Selected	01-04-2015
71.	02/2014	(121)	Head, Division of Integrated Land Use Management & Farming System, Central Arid Zone Research Institute, Jodhpur	25-03-2015	13	6	5	Selected	07-04-2015
72.	02/2014	(114)	Head, Division of Agricultural Engineering, Indian Agricultural Research Institute, New Delhi	26-03-2015	11	9	7	Selected	01-04-2015
73.	02/2014	(117)	Head, Division of Agricultural Physics, Indian Agricultural Research Institute, New Delhi	26-03-2015	9	6	4	Selected	06-04-2015
74.	02/2014	(129)	Head, Division of Agricultural Mechanization, Central Institute of Agricultural Engineering, Bhopal	27-03-2015	4	4	3	Selected	07-04-2015
Proj	ect Coord	inator	S						
1.	01/2014	(22)	Project Coordinator (Fruits), Indian Institute of Horticultural Research, Bangalore	08-08-2014	16	9	6	Selected	22-08-2014
2.	01/2014	(23)	Project Coordinator (Utilization of Animal Energy and Enhanced System Efficiency), Central Institute of Agricultural Engineering, Bhopal	15-09-2014	6	3	2	Selected	19-09-2014
3.	02/2014	(98)	Project Coordinator (Chickpea), Indian Institute of Pulses Research, Kanpur	02-01-2015	11	5	1	Selected	02-01-2015



S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candidates Called	Candidates Appeared		Recommendation Sent to Council on
4.	02/2014	(99)	Project Coordinator (Nematodes), Indian Agricultural Research Institute, New Delhi	13-02-2015	14	8	7	Selected	13-02-2015
5.	02/2014	(100)	Project Coordinator (Post Harvest Technology), Central Institute of Post Harvest Engineering & Technology, Ludhiana	20-03-2015	6	3	3	Selected	07-04-2015
Seni	ior Scienti	ists							
1.	01/2013	(81)	Senior Scientist (Agricultural Economics), Central Institute of Fisheries Education, Mumbai	15-04-2014	5	2	1	Selected	21-04-2014
2.	01/2013	(148)	Senior Scientist (Physics), National Institute of Research on Jute & Allied Fibre Technology, Kolkata	17-04-2014	7	3	1	Selected	23-04-2014
3.	01/2013	(156)	Senior Scientist (Agronomy), Cardamom Research Centre Appangala under Indian Institute of Spices Research, Calicut	21-04-2014	6	1	1	Selected	30-04-2014
4.	01/2013	(74)	Senior Scientist (Agronomy), Indian Veterinary Research Institute, Izatnagar	21-04-2014	16	4	2	Selected	30-04-2014
5.	01/2013	(70)	Senior Scientist (Agronomy), Indian Agricultural Research Institute, New Delhi	24-04-2014	13	4	3	Selected	30-04-2014

Appendix VI

Details of unfilled posts 2014-15

S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candi- dates Called	Candidates Appeared	Reason	Recommend- ation Sent to Council on
Dire	ctors								
1.	02/2014	(83)	Director, Indian Institute of Agricultural Biotechnology (IISB), Ranchi, Jharkhand	24-11-2014	12	2	1	NFS	24-11-2014
2.	02/2014	(82)	Director, National Institute of Biotic Stress Management (NIBSM), Raipur, Chhattisgarh	24-11-2014	11	3	0	NCA	24-11-2014
Dire	ctor of No	ıtional	Institute						
1.	02/2014	(79)	Director, Indian Agricultural Research Institute, New Delhi	11-02-2015	27	11	7	NFS	19-02-2015
Proj	ect Directo	or							
1.	01/2014	(17)	Project Director, DRR, Hyderabad	04-09-2014	23	9	7	NFS	05-09-2014
Hea	d of Divisi	ions							
1.	01/2013	(23)	Head, Division of Bacteriology and Mycology, Indian Veterinary Research Institute, Izatnagar	22-08-2014	4	2	2	NFS	26-08-2014
2.	01/2014	(74)	Head, Division of Crop Protection, Central Tobacco Research Institute, Rajahmundry	12-09-2014	1	1	1	NFS	15-09-2014
3.	01/2014	(33)	Head, Division of Transfer Technology, Central Institute of Post Harvest Engineering & Technology, Ludhiana	15-09-2014	3	3	2	NFS	25-09-2014
4.	01/2014	(43)	Head, Division of Quality Evaluation and Improvement, Central Institute for Research on Cotton Technology, Mumbai	16-09-2014	1	1	1	NFS	23-09-2014
5.	01/2014	(55)	Head, Division of Engineering, Central Institute of Fisheries Technology, Cochin	16-09-2014	3	1	0	NCA	23-09-2014

NFS: None Found Suitable



S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candi- dates	Candidates Appeared	Reason	Recommend- ation Sent to
				Parc	Applica	Called	Appearea		Council on
6.	01/2014	(69)	Head, Division of Land and Water Management under ICAR Research Complex for Eastern Region Patna, Bihar	01-10-2014	5	5	4	NFS	07-10-2014
7.	01/2014	(66)	Head, Regional Station Datia under Central Soil and Water Conservation Research and Training Institute, Dehradun	08-10-2014	6	2	2	NFS	30-10-2014
8.	02/2014	(131)	Head, Division of Crop Improvement, Central Potato Research Institute, Shimla	02-02-2015	3	1	1	NFS	04-02-2015
9.	02/2014	(115)	Head, Regional Station, Pune under Indian Agricultural Research Institute, New Delhi	02-02-2015	3	2	1	NFS	04-02-2015
10.	02/2014	(109)	Head, CTRI Regional Station, Jeelugumilli, East Godavari (A.P.) Under Central Tobacco Research Institute, Rajahmundry	23-02-2015	2	2	1	NFS	25-02-2015
11.	02/2014	(118)	Head, Division of Socio- Economics & Extension, ICAR Research Complex for Eastern Region, Patna	20-03-2015	7	3	1	NFS	06-04-2015
12.	02/2014	(125)	Head, Division of Design of Experiments, Indian Agricultural Statistics Research Institute, New Delhi	27-03-2015	4	2	1	NFS	06-04-2015
13.	02/2014	(128)	Head, Division of Chemical & Biochemical Processing, Central Institute for Research on Cotton Technology, Mumbai	27-03-2015	6	1	1	NFS	07-04-2015
Seni	or Scienti	sts							
1.	01/2013	(71)	Senior Scientist (Computer Application), Division of USI, Indian Agricultural Research Institute, New Delhi	15-04-2014	13	1	0	NCA	21-04-2014
2.	01/2013	(79)	Senior Scientist (Computer Application), Indian Veterinary Research Institute, Izatnagar	15-04-2014	10	1	0	NCA	21-04-2014
3.	01/2013	(162)	Senior Scientist (Computer Application), Indian Institute of Soil Science, Bhopal	15-04-2014	5	1	0	NCA	21-04-2014

NFS: None Found Suitable NCA: No Candidate Available

S. No.	Advt. No.	ltem No.	Name of the Post	Interview Date	Candidates Applied	Candi- dates Called	Candidates Appeared	Reason	Recommend- ation Sent to Council on
4.	01/2013	(133)	Senior Scientist (Agricultural Economics), Indian Institute of Pulses Research, Kanpur	15-04-2014	6	2	1	NFS	21-04-2014
5.	01/2013	(171)	Senior Scientist (Agricultural Economics), Indian Grassland and Fodder Research Institute, Jhansi	15-04-2014	7	2	1	NFS	21-04-2014
6.	01/2013	(84)	Senior Scientist (Agricultural Structure & Environmental Management), Central Fisheries Research Institute, Mumbai	17-04-2014	3	1	0	NCA	23-04-2014
7.	01/2013	(87)	Senior Scientist (Business Communication), National Academy of Agricultural Research & Management, Hyderabad	17-04-2014	8	1	0	NCA	23-04-2014
8.	01/2013	(169)	Senior Scientist (Agronomy), Research Centre Agra under Central Soil and Water Conservation Research & Training Institute, Dehradun	21-04-2014	10	2	1	NFS	30-04-2014
9.	01/2013	(110)	Senior Scientist (Agronomy), Central Institute of Cotton Research, Nagpur	24-04-2014	9	2	1	NFS	30-04-2014

NFS: None Found Suitable

NCA: No Candidate Available

Assessment Cases Processed under the Revised Career Advancement Scheme (CAS) of ICAR during 2014-15

S.No.	Name of the Discipline	Date of Interview	Candidates Interviewed
1.	Vety. Pathology	10-11-2014	1
2.	Fish Processing Technology	10-11-2014	3
3.	Aquaculture	11-11-2014	3
4.	Agricultural Economics	11-11-2014	10
5.	Fish Nutrition	11-11-2014	2
6.	Fish Genetics & Breeding	11-11-2014	1
7.	Fish Pathology	11-11-2014	1
8.	Agricultural Extension	12-11-2014	11
9.	Fish & Fishery Science	12-11-2014	7
10.	Agronomy	13-11-2014	15
11.	Animal Genetics & Breeding	13-11-2014	4
12.	Animal Nutrition	13-11-2014	4
13.	Soil & Water Conserv. Engineering	14-11-2014	9
14.	Bio-Chemistry (AS)	14-11-2014	6
15.	Livestock Production Management	14-11-2014	3
16.	Farm Machinery & Power	14-11-2014	4
17.	Geography	14-11-2014	1
18.	Bio-Technology (AS)	14-11-2014	1
19.	Vety. Microbiology	17-11-2014	3
20.	Computer Appl. In Agricul.	17-11-2014	3
21.	Soil Science Pedology	17-11-2014	3
22.	Vety. Public Health	17-11-2014	1
23.	Animal Physiology	18-11-2014	5
24.	Organic Chemistry	18-11-2014	4
25.	Soil Chem./Fertility/Micro.	18-11-2014	7
26.	Soil Physics & Soil Water Conservation	26-11-2014	1
27.	Agricultural Statistics	26-11-2014	7
28.	Agricultural Meteorology	27-11-2014	1
29.	Food & Nutrition	27-11-2014	1

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30.	Textile Manufacture	27-11-2014	1
31.	Forestry	27-11-2014	1
32.	Physics	27-11-2014	1
33.	Agricultural structures and Process engineering	28-11-2014	3
34.	Food Science & Technology	28-11-2014	1
35.	Seed Technology	10-12-2014	3
36.	Plant Physiology	10-12-2014	2
37.	Bio-Chemistry (PS)	10-12-2014	1
38.	Microbiology (PS)	10-12-2014	1
39.	Economic Botany	11-12-2014	5
40.	Genetics & Cytogenetics	11-12-2014	5
41.	Plant Pathology	11-12-2014	4
42.	Plant Breeding	12-12-2014	11
43.	Bio-Technology (PS)	16-12-2014	11
44.	Agricultural Entomology	17-12-2014	11
45.	Horticulture	18-12-2014	12
	Total		195

Appendix VII (B)

Discipline wise details of scientists assessed from Sr. Scientists to Pr. Scientist (Review Court Cases)

S.No.	Name of the Discipline	Date of Interview	Candidates Interviewed
1.	Livestock Production Management	06.05.2014	01
2.	Agricultural Extension	06.05.2014	01
3.	Agricultural Chemistry	06.05.2014	02
4.	Agricultural Statistics	06.05.2014	05
5.	Agronomy	07.05.2014	01
6.	Agricultural Structures and Processing Engineering	07.05.2014	01
7.	Farm Machinery & Power	07.05.2014	03
8.	Geography	07.05.2014	01
9.	Physics	08.05.2014	02
10.	Soil Chemistry/Fertility/Microbiology	08.05.2014	04
11.	Textile Chemistry	08.05.2014	01
12.	Electrical Engineering	08.05.2014	01
13.	Agricultural Entomology	08.05.2014	07
14.	Genetics & Cytogenetic	09.05.2014	03
15.	Nematology	12.05.2014	05
16.	Plant Breeding	13.05.2014	04
17.	Plant Pathology	15.05.2014	05
	Total		47

Appendix VII (C)

Discipline wise details of scientists assessed from Sr. Scientists to Pr. Scientist (Old CAS effective from 31.12.1998)

S.No.	Name of the Discipline	Date of Interview	Candidates Interviewed
1.	Bio-Chemistry (Plant Science)	09.05.2014	1
2.	Plant Breeding	13.05.2014	1
3.	Fish and Fisheries Science	06.06.2014	1
	Total		3

Appendix VIII

List of Institutes for which Departmental Promotion Committees (2014-15) were constituted by the ASRB as per Rules for Careers Advancement of ARS Scientists

S. No.	Institutes	No. of Committees
1.	Animal Sciences	
i.	Central Sheep and Wool Research Institute, Avikanagar, Rajasthan	1
ii.	Central Avian Research Institute, Izatnagar	3
iii.	Central Institute for Research on Buffaloes, Hissar	2
iv.	National Institute of Animal Nutrition and Physiology, Bengaluru	1
v.	National Research Centre on Camel, Bikaner	1
vi.	National Research Centre on Equines, Hisar	1
vii.	National Research Centre on Mithun, Medziphema, Nagaland	3
viii.	Central Institute for Research on Goats, Makhdoom	1
ix.	National Research Centre on Yak, West Kemang	1
2.	Crop Sciences	
i.	Directorate of Soybean Research, Indore	3
ii.	Central Tobacco Research Institute, Rajahmundry	2
iii.	Indian Grassland and Fodder Research Institute, Jhansi	1
iv.	Central Rice Research Institute, Cuttack	1
v.	National Bureau of Plant Genetics Resources, New Delhi	1
vi.	Indian Institute of Sugarcane Research, Lucknow	1
vii.	Central Plantation Crops Research Institute, Kasargod	1
viii.	National Centre for Integrated Pest Management, New Delhi	1
ix.	Directorate of Rapeseed & Mustard Research, Bharatpur	1
x.	Directorate of Oilseed Research, Hyderabad	1
3.	Agricultural Education	
i.	National Academy of Agricultural Research & Management, Hyderabad	1
ii.	National Institute of Agricultural Economics and Policy Research, New Delhi	1
4.	Agricultural Engineering	
i.	Central Institute of Agricultural Engineering, Bhopal	2
ii.	Central Institute on Post harvest Engineering and Technology, Ludhiana	1
iii.	National Institute of Research on Jute & Allied Fibre Technology, Kolkata	1
iv.	Central Institute for Research on Cotton Technology, Mumbai	1

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5.	Fisheries	
i.	Directorate of Cold Water Fisheries Research, Bhimtal, Nainital	3
ii.	Central Marine Fisheries Research Institute, Kochi	2
iii.	Central Institute of Fisheries Technology, Cochin	2
iv.	National Bureau of Fish Genetic Resources, Lucknow	1
6.	Horticultural Science	
i.	Central Potato Research Institute, Shimla	2
ii.	Central Institute for Arid Horticulture, Bikaner	1
iii.	Indian Institute of Vegetable Research, Varanasi	3
iv.	Directorate of Cashew Research, Puttur	1
v.	Directorate of Medicinal and Aromatic Plants Research, Anand	1
vi.	Directorate of Mushroom Research, Solan	2
vii.	Indian Institute of Horticultural Research, Bengaluru	2
viii.	Indian Institute of Spices Research, Calicut	3
ix.	Central Institute of Sub Tropical Horticulture, Lucknow	3
x.	Directorate of Oil Palm Research, Pedavegi, West Godawari	1
8.	Natural Resource Management	
i.	ICAR Research Complex for Goa, Ela, Old Goa, Goa	1
ii.	Central Agroforestry Research Institute , Jhansi	1
iii.	Central Research Institute for Dryland Agriculture, Hyderabad	1
iv.	ICAR Research Complex for Eastern Region, Patna	2
v.	Central Arid Zone Research Institute, Jodhpur	1
9.	ICAR Hqrs., New Delhi	4
	Total	71

Appendix IX

List of Institutes for which Departmental Promotion Committees for Technical Cadre Posts (2014-15) were constituted by the ASRB as per Rules

S.No.	Institutes	No. of Committees
1.	Animal Sciences	
i.	National Bureau of Animal Genetic Resources, Karnal	1
ii.	National Institute of Animal Nutrition and Physiology, Bengaluru	1
iii.	National Research Centre on Yak, West Kemang	1
iv.	Central Institute for Research on Buffaloes, Hissar	1
v.	National Research Centre on Meat, Hyderabad	1
2.	Crop Sciences	
i.	Directorate of Sorghum Research, Hyderabad	2
ii.	Sugarcane Breeding Institute, Coimbatore	2
iii.	National Bureau of Agricultural Insect Resources, Bengaluru	1
iv.	Indian Grassland and Fodder Research Institute, Jhansi	1
v.	Directorate of Seed Research, Mau	1
vi.	National Bureau of Agriculturally Important Micro-organisms, Mau,	1
vii.	Central Institute of Cotton Research, Nagpur	1
viii.	Indian Institute of Maize Research,New Delhi	1
ix.	Central Tuber Crops Research Institute, Thiruvananthapuram	1
3.	Agricultural Education	
i.	National Academy of Agricultural Research & Management, Hyderabad	1
ii.	Indian Agricultural Statistics Research Institute, New Delhi	1
iii.	Directorate of Research on Women in Agriculture, Bhubaneshwar	1
4.	Agricultural Engineering	
i.	National Institute of Research on Jute & Allied Fibre Technology, Kolkata	1
ii.	Central Institute of Research on Cotton Technology, Mumbai	1
5.	Agricultural Extension	
i.	Zonal Project Directorate, Zone-VII, Jabalpur	1

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S.No.	Institutes	No. of Committees
6.	Fisheries	
i.	Central Marine Fisheries Research Institute, Kochi	1
ii.	Central Inland Fisheries Research Institute, Barrackpore	1
iii.	Directorate of Cold Water Fisheries Research, Bhimtal, Nainital	1
7.	Horticultural Science	
i.	Central Institute for Arid Horticulture, Bikaner	1
ii.	National Research Centre on Seed Spices, Ajmer	1
iii.	Directorate of Medicinal and Aromatic Plants Research, Anand	1
iv.	Central Institute of Temperate Horticulture, Srinagar	1
v.	National Research Centre on Orchids, Pakyong, Sikkim	1
vi.	Directorate on Onion and Garlic Research, Pune	1
8.	Natural Resource Management	
i.	Central Research Institute for Dryland Agriculture, Hyderabad	1
ii.	National Bureau of Soil Survey and Land Use Planning, Nagpur	1
iii.	National Institute of Abiotic Stress Management, Malegaon, Maharashtra	1
iv.	Central Soil Salinity Research Institute, Karnal	1
v.	ICAR Research Complex for Goa, Ela, Old Goa, Goa	1
vi.	Project Directorate for Farming Systems Research, Modipuram, Meerut	1
	Total	37

Appendix X

Sanctioned Strength of the Board during 2014-15

SI No.	Post	Sanctioned	In position As on 31.3.2015	Vacant/ Additional
1.	Chairman	1	1	-
2.	Member	2	2	-
3.	Secretary/Director	1	1	-
4.	Controller of Examinations	1	2	+1
5.	Deputy Secretary	1	1	-
6.	Principal Scientist	1	1	-
7.	Under Secretary	1	1	-
8.	Principal Private Secretary	3	3	-
9.	Section Officer	5	5	-
10.	AF & AO	1	1	-
11.	A.C. Technical Officer/Chief Technical Officer	2	2	-
12.	Sr. Technical Officer	3	-	3
13.	Private Secretary	1	1	-
14.	Deputy Director (OL)	1	1	-
15.	Sr. Technical Assistant (Computer)	1	1	-
16.	PA/Steno	3	-	3
17	Cashier	1	-	1
18.	Assistants	16	15	1
19.	U.D.C.	10	2	8
20.	L.D.C.	4	-	4
21.	Hindi Steno Gr. II	1	-	1
22.	Driver	3	2	1
23.	Skilled Support Staff	15	4	11
	Total	78	46	32

Appendix XI

Personnel (Appointments, Promotions Transfers, Retirements etc.)

Appointments/Joining

- Sh. Gurunathagouda Harakangi, Deputy Secretary, joined in ASRB on transfer from NAIP, ICAR, HQ w.e.f. April 7th, 2014
- Sh. Krishan Gopal, Assistant, Joined in ASRB on Transfer from Finance Division, ICAR HQ w.e.f. Nov. 18th, 2014
- Sh R.P. Yadav, Assistant Finance and Account Officer, joined in ASRB on transfer from NAIP, ICAR, HQ w.e.f. Nov. 19th, 2014
- Sh Subhash Chander Sharma, Technical Assistant (Driver), joined in ASRB on transfer from ICAR, HQ w.e.f. Feb. 05th, 2014

Promotions/Transfer

- Sh M.K. Jain, Controller of Examination-I transferred from ASRB to Horticulture Division, ICAR H.Q. w.e.f. Apri 07th, 2014
- Sh A.K. Meena, Section Officer transferred from ASRB to ICAR H.Q. w.e.f. August 28th, 2014
- Mrs. Monika Mohale, Section Officer transferred from ASRB to ICAR H.Q. w.e.f. May 05th, 2014
- Smt. Usha Adhlalkha, Personal Assistant transferred from ASRB to ICAR H.Q. w.e.f. July 11th, 2014
- Mrs. Priyanka Bhatti, Assistant transferred from ASRB to ICAR H.Q. w.e.f. Oct. 9th, 2014
- Sh. Ravi Bhushan Tiwary, Technical Assistant Promoted as Sr. Technical Assistant w.e.f. Oct. 29th, 2013

Superannuation/Retirements

Sh. Suresh Chand Gupta, Assistant Finance and Account Officer retired on November 30th, 2014 on attaining superannuation.



Presentation of bouquet to Sh. Suresh Chand Gupta on his superannuation day by Chairman, ASRB

Obituary



Dr S A H Abidi former Member, ASRB left for his heavenly abode on July 14th, 2014. Dr Abidi was born on April 5th, 1940. He worked as Director of Fisheries, Andaman & Nicobar Islands, Port Blair, 1978-81; Scientist, (Biological Oceanography/Officer In Charge), Regional Centre of National Institute of Oceanography, Mumbai, 1981-82; Deputy Advisor, Council of Scientific & Industrial Research, New Delhi, 1983; Principal Scientific Officer, 1983-87, and Senior Advisor, Department of Ocean Development, Govt. of India, New Delhi, 1987-95. He also served as Director/Vice-Chancellor, Central Institute of Fisheries Education (Deemed University), Mumbai, 1996-99 and Member, ASRB from November 5th, 1999 to April 4th, 2005.

Appendix XII

List of the officers and staff of the Board in position as on 31.03.2015

Dr Gurbachan Singh	Chairman
Dr V.N. Sharda	Member
Dr S.K. Bandyopadhyay	Member
Sh N.S. Randhawa	Secretary
Officers	
Dr A.P. Ruhil	Principal Scientist
Sh Rajiv Mangotra	Deputy Secretary
Sh Gurunathagouda Harakangi	Controller of Examination-I
Sh P.K. Jain	Controller of Examination-II
Dr Suresh Pal	Chief Technical officer
Sh P.R. Rao	Deputy Director (OL)
Sh. N.K. Jindal	Under Secretary
Sh Kailash Chander	Principal Private Secretary
Sh Y.R. Singh	Principal Private Secretary
Sh Mukesh Kumar	Principal Private Secretary
Smt Tandra Bhattacharjee	Asst. Chief Technical Officer
Sh R.P. Yadav	Assistant Finance and Account Officer
Sh Naresh Kumar Sharma	Section Officer
Sh A.K. Yadav	Section Officer
Smt. Rita Ghoshal	Section Officer
Sh Umesh Gahlot	Section Officer
Sh Sandeep Chaudhary	Section Officer
Sh Anil Upadhyaya	Private Secretary

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Staff		
Sh Dinesh Kumar Mishra	Assistant	
Sh Rajender Kumar	Assistant	
Sh Mukesh Chand	Assistant	
Smt. Ravinder Kaur	Assistant	
Smt. Ashu Baweja	Assistant	
Sh Satish Pal Singh	Assistant	
Sh Jitender Kumar	Assistant	
Sh Bharat Lal Meena	Assistant	
Sh Vinod Kumar	Assistant	
Sh Sujeet Kumar Verma	Assistant	
Sh D.S. Rawat	Assistant	
Sh Pratap Singh	Assistant	
Sh Krishan Gopal	Assistant	
Sh Rualmuanthang Thawmte	Assistant	
Smt Veena Sikka	Assistant	
Sh Ravi Bhushan Tiwary	Sr Technical Assistant	
Sh Sukh Pal Singh	Upper Division Clerk	
Sh Roshan Singh Rawat	Upper Division Clerk	
Sh Surender Kumar	Driver	
Sh Subhash Chander Sharma	Driver	
Sh Jagat Narain	Skilled Support Staff	
Sh Daya Ram Shukla	Skilled Support Staff	
Sh Suresh Kumar	Skilled Support Staff	
Sh Shiv Prasad	Skilled Support Staff	



Participants at the Workshop-cum-Brainstorming Programme organized by ASRB at NDRI, Karnal