



QRT, RAC, Management Committee and IRC

QUINQUENNIAL REVIEW TEAM (QRT)

Quinquennial Review Team (QRT) to review the work done by the Indian Agricultural Statistics Research Institute for the period 01 January 2006 to 31 March 2011 has been constituted vide Council's Office Order No. 5-10/2011-IA-II(AE) dated 29 June, 2011. The composition of the QRT is:

Dr. Padam Singh Chairman

Former Member, National Statistical Commission and Head Research and Evaluation, EPOS Health Consultants (India) Pvt. Ltd. 445, Phase-III, Udyog Vihar, Gurgaon, Haryana

Dr. SK Das Member

Director General Central Statistical Office Ministry of Statistics and Programme Implementation, Sardar Patel Bhawan Parliament Street, New Delhi

Dr. GM Saha Member

Visiting Professor Bayesian and Interdisciplinary Research Unit, Indian Statistical Institute 203, Barrackpore Trunk Road Kolkata-700108, West Bengal

Prof. Karmeshu Member

Professor, School of Computer and Systems Sciences Jawaharlal Nehru University New Delhi-110067

Dr. RPS Malik Member

Senior Researcher, IWMI-India II Floor Office, Block-B NASC Complex, DPS Marg Pusa, New Delhi-110012

Dr. TR Sharma Member

Principal Scientist National Research Centre on Bio Technology Lal Bahadur Shastri Building Pusa Campus, New Delhi-110012

Dr. KN Singh Member Secretary

Head, Division of Forecasting and Econometric Techniques IASRI, Library Avenue, Pusa New Delhi 110012

Various meetings of the newly constituted QRT were held during the period.

Research Advisory Committee (RAC)

The composition of Research Advisory Committee (RAC) of the Indian Agricultural Statistics Research Institute (IASRI) constituted for a period of three years w.e.f. 22 June 2010 is as follows:

Prof. Prem Narain Chairman

Former Director, IASRI 27 A, Pocket B-3, Lawrence Road Delhi-110 035

<p>Dr. GM Boopathy Deputy Director General National Accounts Division Central Statistical Organization Sardar Patel Bhavan, Parliament Street New Delhi-110 001</p>	Member	<p>The 13th meeting of the Research Advisory Committee of IASRI was organised during 12-13 December, 2011 under the Chairmanship of Dr. Prem Narain, Former Director, IASRI, New Delhi. The meeting was attended by Dr. SD Sharma, Dr. VK Bhatia, Dr. Sridhar Sivasubbu, Dr. NPS Sirohi, and Dr. Rajender Parsad, Dr. Padam Singh, Member, National Statistical Commission & Head Research and Evaluation, EPOS, Health Consultants (India) and Chairman QRT of IASRI also attended the meeting on special invitation. Dr. VK Gupta, National Professor, ICAR and all Heads of Divisions, IASRI also attended the meeting as special invitees.</p>
<p>Dr. SC Gulati Former Professor Population Research Centre B-15, Kirti Nagar, New Delhi-110 015</p>	Member	
<p>Dr. Sridhar Sivasubbu Institute of Genomics and Integrative Biology, IGIB Extension Center at Naraina IA, 93-94, Naraina Indl Area, Phase-I Naraina, New Delhi-110 028</p>	Member	
<p>Dr. SD Sharma Vice-Chancellor Dev Sanskriti University Gayatri Kunj, Shantikunj Haridwar-249411(Uttarakhand) or Former Director, IASRI D-15/02, SF (IInd Floor) Presidency Floor, ARDEE City Sector 52, Gurgaon- 122 011 (Haryana)</p>	Member (w.e.f.19 February 2011)	
<p>Dr. VK Bhatia Director, IASRI Library Avenue, Pusa New Delhi-110 012</p>	Member	<p>Dr. VK Bhatia introduced the Honorable Chairman and other members of the RAC and welcomed all members of the RAC. Thereafter, he apprised the members with the important activities of the Institute. Dr. Padam Singh, Chairman QRT and other members made their opening remarks. Dr. Rajender Parsad, presented the historical development, genesis, functions, research achievements and future research programmes of the Institute. He also presented the proposed research programmes for XII Five Year Plan for getting valuable suggestions from RAC. He spelled out the changes made in Goal, Vision, Mission, Mandate and six research programmes of the Institute in Vision 2030 document published during the year. He also apprised the scientists of the Institute that were involved in 65 research projects during the year. The following action points emerged:</p> <ol style="list-style-type: none"> 1. A formal mechanism is required to be developed for identification of statistical researchable issues. The Institute should be proactive in having interactions with researchers in NARS. National Conference of Agricultural Statisticians which is being organized triennially may be organized with subject matter divisions of the Council and if need be, it may be made biennial. Collaborative projects with different NARS organizations may be encouraged. 2. Web resources on design of experiments should be further strengthened. Indian NARS Statistical Computing Portal for providing service oriented computing through IP Authentication may further be strengthened by adding more modules on the analytical techniques that are commonly being used in NARS. For dissemination of statistical techniques and identification of statistical
<p>Dr. NPS Sirohi Assistant Director General (Engg.) Indian Council of Agricultural Research Krishi Anusandhan Bhavan-II, Pusa New Delhi-110 012</p>	Member	
<p>Dr. VK Singh Director Agricultural Statistics and Crop Insurance Department of Agriculture, Govt. of UP Krishi Bhawan, Madan Mohan Malviya Marg Lucknow-226 001 (UP)</p>	Member (till 03 May 2011)	
<p>Dr. Madhusudan Sathe Yashodhan 2071, Vijay Nagar Colony Near SP College, Pune-411030</p>	Member (till 03 May 2011)	
<p>Dr. Rajender Parsad Head, Division of Design of Experiments IASRI, Library Avenue Pusa, New Delhi-110 012</p>	Member Secretary	

researchable issues efforts like Design Resources Server may be replicated in areas of Sample Surveys, Statistical Modelling and Statistical Genetics.

3. The sample size determination is an important problem and is of concern to all disciplines of agricultural sciences. The Institute should develop a note on sample size determination with solved examples with ready reckoner and disseminate through Institute website. An online calculator for sample size determination may also be developed. Extensive computations may also be done for determining sample size in crop cutting experiments to settle this issue once for all.
4. For handling massive data sets, appropriate statistical and computational methodologies may be developed and an edited book may be brought out by the Institute on Statistical and Computational Methodologies for Massive Data Sets that should include both theory and applications.
5. The research achievements of the Institute in small area estimation may be sent to State Department of Agriculture and Planning Commission.
6. The studies may be undertaken to deal with Statistical Issues in Remote Sensing based on the recommendations of Vaidyanathan Committee Report. Studies may also be carried out to see whether it is possible to reduce the sample size in crop cutting experiments by making use of remote sensing.
7. A mechanism may be developed at the Council level to ensure that all new recruited scientists undergo a training programme on Statistical Techniques with emphasis on application aspects just after their FOCARS training programme.
8. The presentation by Dr. Anil Rai, Head, Agricultural Bioinformatics had indicated an ambitious plan of work during XII Plan that couldn't be addressed with meager and non well-trained staff. The proposed capacity building of the scientists in this area is inadequate. It needs enhancement. This should be taken up seriously and enough provisions should be made in XII Plan for the capacity building of scientists in this new area.
9. The scientists engaged in the area of bioinformatics should work in network mode and in close collaboration with molecular biologists and biotechnologists. The work on system biology; development of tools and protocols for genome sequencing; determination of optimum number of molecular markers for selective breeding etc. may be taken up.
10. Submission of genomic data should be made mandatory in National Agricultural Bioinformatics Grid at the Council level. The Institute should do benchmarking according to International Norms for providing Accession Numbers. Emphasis should be put on customized applications generation on bioinformatics rather than providing freely available software links. Quantifiable returns and deliverables from National Agricultural Bioinformatics Grid may be clearly spelt out.
11. Content Generation, Content Updation and Content Management Policy should be developed by the Council.
12. Information Communication Technology is a very wide term to fit in the mandate of the Institute. Therefore, the phrase "Agricultural Statistics and Information Communication Technology" in the goal and vision of the Institute may be changed to "Statistics and Informatics". Studies on water availability may be made as a part of XII Plan research activities.
13. Vacant scientific positions at IASRI should be filled on priority basis and for this, concerned authorities may be approached. Efforts may be made to revive the direct recruitment at scientist level in the discipline of computer applications.
14. The establishment of ICAR Data Center at IASRI will involve a large number of personnel, particularly of technical type, to run the Center 24 hours of the day of seven days of the week. Efforts may be made to fill vacant positions of Technical Assistants/Officers on top priority basis with the assistance of the ICAR.
15. PG School, IARI, New Delhi and Deputy Director General (Education) ICAR should be approached for developing a mechanism in which the students of Masters' degree programme in Agricultural Statistics and Computer Applications from IARI possessing B.Sc. in Statistics/Mathematics may be given the option to offer remedial courses as extra credit hours in each trimester so that they can complete their degree requirements without

spending one extra year. These courses can be offered as summer courses also. The student intake capacity may also be increased.

16. The ambience of the Institute needs a face lift. Adequate provision should be made in the budget to this end.

Institute Management Committee

The Director of the Institute, who is In-charge of the overall management of the Institute, is assisted in the discharge of his functions by the Institute Management Committee (constituted by the Council) by providing a broad-based platform for decision making process by periodically examining the progress of the Institute activities and by recommending suitable remedial measures for bottlenecks, if any. The present Institute Management Committee comprises of:

Prof. VK Bhatia Director, IASRI (ICAR), Pusa New Delhi-110 012	Chairman
Director (Agriculture) Government of Delhi, ITO New Delhi-110 001	Member (till 03.05.2011)
Director, Agricultural Statistics Government of Uttar Pradesh Lucknow, Uttar Pradesh	Member (till 03.05.2011)
Director, IARI New Delhi-110 012	Member
Prof. Devi Prasad Tripathi General Secretary & Chief Spokesman National Congress Party C-9/9782, Vasant Kunj New Delhi 110 070	Non-Official Member (till 03.05.2011)
Sh. Madhusudan Sathe Yashodhan 2071 Vijay Nagar Colony Near SP College, Pune-411 030	Non-Official Member (till 03.05.2011)
Dr. PK Agarwal National Professor, ICAR IARI, Pusa, New Delhi-110 012	Member
Dr. Madhuban Gopal National Fellow Department of Agricultural Chemicals IARI, New Delhi-110 012	Member
Dr. Rajni Jain Senior Scientist NCAP, New Delhi	Member (w.e.f. 04.07.2011)

Dr. RL Sapra Member
Principal Scientist (Agril. Stat.)
Division of Genetics
IARI, Pusa, New Delhi-110 012

Dr. NP Sirohi Member
Assistant Director General (Engg.) (w.e.f. 19.04.2011)
KAB-II, ICAR, Pusa
New Delhi-110 012

Finance and Accounts Officer Member
IARI, Pusa, New Delhi-110 012 (till 03.05.2011)

Head of Office Member Secretary
IASRI (ICAR)
New Delhi-110 012

Institute Research Committee (IRC)

The Institute Research Committee (IRC) is an important forum to guide the scientists in the formulation of new research projects and to review the progress of on-going research projects periodically. It also monitors the follow up action on the recommendations of the Quinquennial Review Team (QRT), Research Advisory Committee (RAC) in respect of technical programmes of the Institute. Dr. VK Bhatia, Director, IASRI is the Chairman and Dr. Rajender Parsad, In-charge (PME Cell) is the Member Secretary of the IRC.

Two (75th & 76th) meetings of the Institute Research Committee (IRC) were held during 08-09 September 2011 and 23, 24 & 28 March 2012. In the 75th meeting 18 new research projects (09 Institute funded, 04 Institute funded in collaboration with other Institute and 05 outside funded) were approved and progress of 35 (15 Institute funded, 10 in collaboration with other Institutes and 10 outside funded) ongoing research projects were discussed and 07 research projects were declared as completed. In the 76th meeting 25 new research projects (18 Institute funded, 06 Institute funded in collaboration with other Institute and 01 outside funded) were approved and progress of 46 (21 Institute funded, 12 in collaboration with other Institute and 13 outside funded) ongoing research projects was reviewed and 15 research projects were declared completed.

During the year in all 43 new research projects were approved and progress of 81 ongoing research projects was reviewed and 22 research projects were declared completed.

