Annexure-I

FILLED FRAMEWORK FOR TRANSPARENCY AUDIT -2024(ICAR-NIANP, Bangalore-560 030)***

The RTI Act under section 4 provides a comprehensive framework for promoting openness in the functioning of the public authorities.

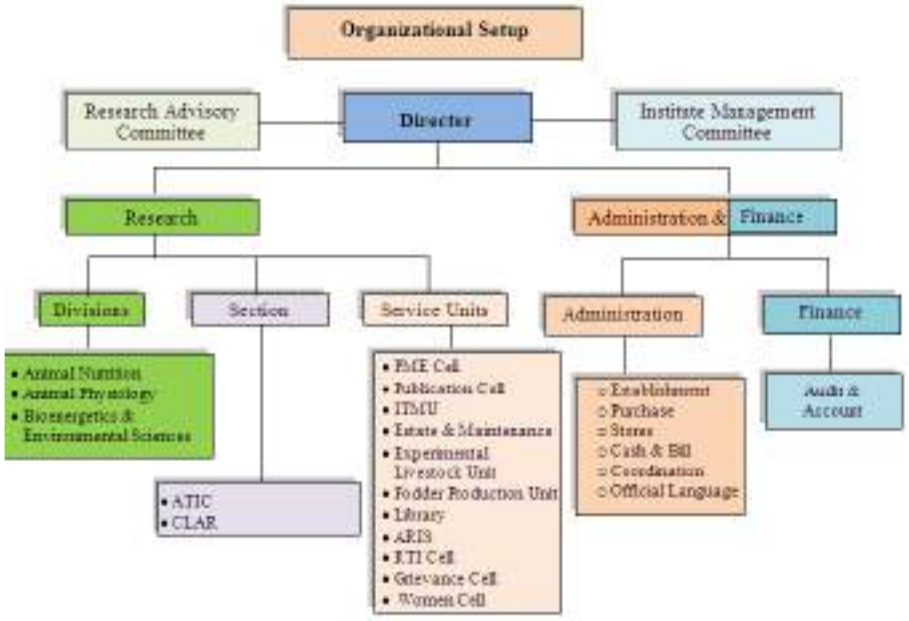
While Section 4(1) (a) provides a general guideline for record management, so that the information could be easily stored and retained, the sub-sections b,c and d of Section 4 relate to the organizational objects and functions. Sub-sections (b), (c) and (d) of Section 4 of the RTI Act and other related information can be grouped under six categories; namely, 1-organsiation and function, 2- Budget and programmes, 3- Publicity and public interface, 4-E. governance, 5-Information as prescribed and 6. Information disclosed on own initiative.

1. Organisation and Function

S.No.	Item	Details of disclosure	Remarks/ Reference Points (Fully met/partially met/ not met- Not applicable will be treated as fully met/partially met)
1.1	Particulars of its organisation, functions and duties [Section 4(1)(b)(i)]	1.1.1 Name and address of the Organization **ICAR-National Institute of Animal Nutrition and Physiology, Adugodi, Bengaluru 560030**	**Fully met** (this whole document is available at our website URL: http://nianp.res.in/; and same is applicable for all the points mentioned in this prescribed format)
		1.1.2. Head of the organization **Director, ICAR-NIANP, Adugodi, Bengaluru**	**Fully met**
		1.1.3. Vision, Mission and Key objectives **Vision:** Enhancing animal productivity and production to meet challenges of improving farmers' economy, animal wealth and nutritional demands of the increasing human	**Fully met**

		population. **Mission:** To improve production and reproductive efficiency in livestock through basic physiological and nutritional approaches. **Objectives:-** The following objectives are framed to address the mandate of the institute: • To carry out quantitative and qualitative assessment of feed resources and to develop district-wise information system. • To enhance availability of nutrient s through various approaches viz., strategic supplementation, biotechnological interventions and feed processing technologies. • To enhance reproductive efficiency of livestock through physiological and nutritional interventions. • To address the issues of feed quality and safety. • To develop strategies for validation of evolved technologies at end user's level for production enhancement.	
		1.1.4. Function and duties The mandate of the institute is to conduct fundamental studies on basic physiological and nutritional problems related to biophysical translation of nutrients for productive functions in livestock by: • Basic and strategic research on physiology and nutrition for efficient livestock production.	**Fully met**

		• Capacity development in 'Animal Nutrition and Physiology'. – As per hierarchical line of control depicted in the organizational setup – By interaction with In-charges and staff. – By interaction with stake holders **The norms set by it for discharge of its functions** – As per hierarchical line of control depicted in the organizational setup – In-charges to oversee the activities of divisions/section – AO, F&AO to oversee the administrative and financial aspects. **The rules, regulations, instruction manual and records, held by it or under its control or used by its employees for discharging its functions** – For administrative functions rules of Central Government as amended time to time. – Central Civil Services (CCS) Rules – General Financial Rules (GFR) – ICAR guidelines	
		1.1.5. Organization Chart	**Fully met**



1.1.6 Any other details – genesis, inception, formation of the department and the HoDs from time to time as well as the committees /Commissions constituted from time to time have been dealt

Fully met

<u>Genesis, inception</u>

Realizing the pressing national need for improvement of feed resources and their optimum utilization by keeping in view the basic nutritional and physiological principles to improve animal productivity, the ICAR-National Institute of Animal Nutrition and Physiology was established at Bangalore on 24th November 1995 as per the recommendations of the expert committee appointed under the Chairmanship of Dr B.K. Soni, the then Deputy Director General, ICAR, New Delhi Vide letter No. 1-80/91 IA-I dated 23rd October 1992 at the Southern Regional Station (SRS) campus of 'National Dairy Research Institute'(NDRI),

		Bangalore by transferring the Animal Nutrition and Animal Physiology sections of Southern Regional Station of NDRI with men and material to initiate functioning of the Institute with a specific mission and mandate. About 50 acres of farm land of SRS, NDRI was transferred for setting up of the new Institute. Infrastructure was developed on this land and the Institute was shifted in August, 2003 to the newly constructed building from the temporary premises within a period of 7 years. Considering the objectives of establishing this new Institute, the research programs were reoriented more towards fundamental research areas of importance in animal nutrition and physiology. During the course of time, the Institute has made significant research achievement, in the niche areas of animal nutrition, animal physiology, biotechnology and molecular biology and has been recognized as one of the centre of excellence in these areas. **Formation of the department and the HoDs** After getting approved in XIth Plan EFC for formation of three divisions with HOD, the Council's approval has been received vide order NO. F. NIANP/QRT/2007-12/ATR-section/2-13-14 dated 28.09.2013. Accordingly, Animal Nutrition, Animal Physiology and Bioenergetics and Environmental Sciences divisions have been created. The Economics, Statistics and Extension Section has been renamed as Knowledge Management and Biostatistics Section and functioning with specified objectives. The Director is the head of the Institute supported by administrative and financial wings. To strengthen the local decision-making and research monitoring, 'Research Advisory Committee', 'Institute Management Committee' and 'Institute Research Council' play vital roles through periodical meetings with fruitful discussion in providing guidance. **Committees /Commissions constituted** **Quinquennial Review Team (QRT)** The activities of the ICAR-NIANP have been regularly (every 5 years) reviewed	

		and reported by QRTs since the establishment of the Institute. Recently ICAR has constituted the Quinquennial Review Team(F. No.AS/29/01/2022-IA-I dated 22nd February 2023)to review the work done by the institute for the period from April 2017 to March 2022 with the following officials as its Chairman and Members: 	

भारतीय कृषि अनुसंधान परिषद

कृषि भवन, डॉ. राजेन्द्र प्रसाद मार्ग, नई दिल्ली-110001

INDIAN COUNCIL OF AGRICULTURAL RESEARCH

Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001

F.No. AS/29(1)/2022-IA-I Dated: 21st February, 2023

OFFICE ORDER

The Director General, ICAR has been pleased to constitute the Quinquennial Review Team to review the work done by the NIANP, Bangalore for the period from April 2017 to March, 2022 with the following officials as its Chairman and members.

S.No.	Name	Designation/ Address	Name of the Discipline	Chairman/ Member
1.	Prof (Dr.) M.P. Yadav	Vice-Chancellor, RAMA	---	Chairman
2.	Dr. U.Krishnamoorthy	Former Head, Department of Animal Nutrition, Karnataka Veterinary & Fisheries Sciences University	Animal Nutrition	Member
3.	Dr. Narayan	Ad. Prof. & Head, TANUVAS, Namakkal	Animal Physiology	Member
4.	Dr. Harendra Kumar Gupta	Former Joint Director (Extension) and HOD (Animal Reproduction), IVRI, Izatnagar, UP	Animal Reproduction	Member
5.	Dr. M. Kavitha,	Principal Scientist, Division of Animal Biochemistry, IVRI, Izatnagar	Animal Biochemistry	Member
6.	Dr. Hema Tripathi	National Co-ordinator, PMFGP	Social Scientist/ Economist	Member
7.	Dr. D.T. Pal	Principal Scientist, NIANP	---	Member Secretary

The TA/DA of the non official members for attending the meeting of QRT will be borne by the Institute from the Plan budget as per TA/DA rules and guidelines of the GOI.

(Vikram T.)
Under Secretary (AR)

Research Advisory Committee (RAC)

For overall development of the Institute, thereby bringing the Institute into forefront at national level, the RAC has played a very vital role by providing valuable guidance in carrying out the research work as per the mandate and objectives of the Institute besides overseeing implementation of QRT recommendations and directions of the SMD of the Council. The RAC also considered recommendations of the QRT and inputs from Animal Science Division of the Council while approving the research programmes and projects.

Research Advisory Committee year 2022-2023

Sl. No.	Name & Address	Designation
1.	**Dr. S. P. Tiwari** Vice-Chancellor, NDUVS Jabalpur	Chairman
2.	**Dr. V. Balakrishnan**, Former Head, Animal Nutrition Division, Madras Vety. College, TANUVAS, Chennai	Member
3.	**Dr. Sagar Sanyal** Former Professor & Head, WBUAFS, Kolkatta	Member
4.	**Dr. S S Thakur** Ex-ICAR Professor Emeritus NDRI, Karnal	Member
5.	**Dr. A. K. Mathur**, Retired Principal Scientist, ICAR-CIRC, Meerut	Member
6.	**Dr. Jeetendra Verma**, Consultant Market Access, Addicoo Corporation, Czech Republic, Bangalore. INDIA	Member

7.	**Dr. A. K. Tyagi** ADG (AN&P), ICAR, KrishiBhavan, New Delhi 110 001	Member
8.	**Dr. Raghavendra Bhatta** Director, ICAR-NIANP, Adugodi, Bengaluru- 560030	Member
9.	**Dr. D. T. Pal** Principal Scientist, ICAR-NIANP, Bengaluru	Member Secretary

Institute Management Committee (IMC)

The Institute Management Committee under the Chairmanship of the Director of the Institute. The IMC has played a significant role in shaping the growth and development of the Institute and has very judiciously exercised the administrative and financial powers vested in it in addressing the various administrative and financial issues smoothly. The IMC has helped in planning, prioritizing and reviewing the various infrastructural and developmental activities. The IMC also looked into the budgetary allocation and its proper utilization by the Institute in time.

Recent Institute Management Committee (IMC)

1.	The Director, ICAR-NIANP, Bengaluru.	Chairman
2.	The Director, Department of Animal Husbandry and Veterinary Services, Government of Karnataka, V Floor, Vishveswaraiah Mini Tower, Dr. B.R. Ambedkar Veedhi, Bengaluru – 560 001.	Member
3.	The Dean, Veterinary College, Karnataka, Veterinary Animal and Fisheries Sciences University (KVAFSU), Hebbal, Bengaluru – 560 024.	Member

4.	The Dean, Veterinary College KVASU, Pookode, Kerala	Member
5.	Dr.Divakar Hemadri, Principal Scientist, ICAR-NIVEDI, Ramagondanahalli, Yelahanka, Bengaluru – 560 064.	
6.	Dr.Rajendra Hegde, Principal Scientist, Agronomy and Head, ICAR-National Bureau of Soil Survey and Land Use Planning (NBSSLUP), P.B. No. 2487, Hebbal, Agricultural Farm, PO. Bengaluru – 560 024.	Member
7.	Dr. P.V. Rami Reddy, Principal Scientist (Entomology and Nematology), ICAR-Indian Institute of Horticultural Research, Hessarghatta Lake Post, Hessarghatta, Bengaluru – 560 089.	Member
8.	Dr. Suresh Dinkar Kharche, Principal Scientist, Animal Physiology & Reproduction Division, ICAR-CIRG, Makhdoom, Farah, Mathura. Pin code - 281122 (UP).	Member
9.	Dr.Amrish Tyagi, ADG (AN & P), ICAR, New Delhi.	Member
10.	Shri. Vijay Kumar, Assistant Finance and Accounts Officer, ICAR-NIVEDI, Ramagondanahalli, Post Box No. 6450, Yelahanka, Bengaluru – 560 064.	
11.	Administrative Officer, ICAR-NIANP, Adugodi, Bengaluru – 560 030.	Member Secretary

Institute Research Committee (IRC)

The IRC functioned under the Chairmanship of the Director of the Institute to review the research output and to consider new project proposals including externally funded projects. While the progress of the ongoing projects and new project proposals were reviewed in depth during the annual meetings, midcourse corrections and modifications were also carried out during the mid-term meetings.

-Institute Grievance Cell for Women (IGCW)

In accordance with the GOI/Council's guidelines issued from time to time, the Complaints Committee / Women's Cell of the Institute are constituted /reconstituted. It has four members from within the Institute out of which two are male members. The Cell caters to women's issues and grievances hold meetings at regular intervals.

Public Information Office (PIO)

The Public Information Office (PIO) acts as a 'Liaison Officer' between the Institute and the public, catering to the needs of the public on matters of public interest regarding the achievements made and services that can be made available to the public.

Right to Information (RTI) Cell

The Institute has a RTI Cell to reply to the queries received by maintaining transparency to provide the right information.

Citizen's Charter Service

The Institute is maintaining the 'Citizen's Charter Services' on Livestock Advisory, Employees' Grievances and Analytical Services to help the stakeholders besides the information is being regularly transmitted to the Council.

Institute Joint Staff Council (IJSC)

The 'Institute Joint Staff Council' (IJSC) consists of members representing non-technical staff and official members. The 'Staff Council' meetings are held regularly under the Chairmanship of the Director and the issues brought to the Council's attention are being sorted out.

1.2	Power and duties of its officers and employees [Section 4(1) (b)(ii)]	1.2.1. Powers and duties of officers (administrative, financial and judicial)	**Fully met** (See below in Tabulated form)
		1.2.2. Power and duties of other employees	**Fully met**
		1.2.3. Rules/ orders under which powers and duty are derived and	**Fully met**
		1.2.4. Exercised	**Fully met**
		1.2.5. Work allocation	**Fully met**
		1.2 Power and duties of its officers and employees [Section 4(1) (b)(ii)] 	**Fully met**

Statement of the categories of documents that are held by it or under its control

Sl. No.	Document Title	Description	Responsibility	Periodicity of preservation
1.	Research proposals (Concept note and RPP-I)	Details of proposed research project	I/c PME	As per Record Retention Schedule.
2.	Research progress reports (RPP-II)	Details of the progress of research project	I/c PME	-do-
3.	Project completion report (RPP-III)	Details of the completed project	I/c PME	-do-
4.	Publications from research	Published research findings	I/c PME	-do-
5.	Annual report	Detailed activities of the institute	I/c Publication	-do-
6.	Results frame work document (RFD)	Description and success indicators of various activities of the institute	Nodal officer RFD	-do-
7.	RAC agenda and proceedings	Agenda for RAC meetings and the committee recommendations	Member secretary, RAC	-do-
8.	IMC agenda and proceedings	Agenda for IMC meetings and the committee recommendations	Member secretary, IMC	-do-
9.	IRC proceedings	Recommendations of the committee	Member secretary, IRC	-do-
10.	Contract research project documents	Scope of the contract research	I/c ITMU	-do-
11.	Consultancy project documents	and consultancy projects	I/c CPC	-do-
12.	MoU	MoU for contract research, consultancy and technology transfer	I/c ITMU	-do-
13.	Invoices for analytical services	Estimated charge for analytical services	I/c ITMU	-do-
14.	Training proposals	Details of the proposed training programme	I/c HRD	-do-
15.	Training manual	Details of the training content	I/c HRD	-do-
16.	Recommendation of the store purchase committee	Decision of SPC for proposed purchases	AO	-do-
17.	Store records	Inventory of the procured goods, asset	AO, I/c Store	-do-

		register		
18.	Purchase files	Invited bids, technical selection committee comments, purchase contracts, installation reports and bills	AO	-do-
19.	Office orders	Appointments, promotion, procurement, financial sanction	AO	-do-
20.	Service record	Details of officers/staffs	AO	-do-
21.	Forms	EL, Medical, LTC, GPF, Tender, Imprest, ACB, Joining report, Store requisition, bill settlement etc.	AO	-do-
22.	As and when requests or applications comes as per RTI Act.	Required information get collected from the concerned section etc; and send to the applicant with the approval of the CA.	PIO	-do-

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1.3	Procedure followed in decision making process [Section 4(1)(b)(iii)]	1.3.1. Process of decision making Identify key decision making points – *As per hierarchical line of control depicted in the organizational setup* – *By interaction with In-charges and staff.* – *By interaction with stake holders*	**Fully met**
		1.3.2. Final decision making authority *Competent Authority (Director), ICAR-NIANP, Bengaluru.*	**Fully met**
		1.3.3. Related provisions, acts, rules etc.	**Fully met**

		– *For administrative functions rules of Central Government as amended from time to time.* –*Central Civil Services (CCS) Rules* –*General Financial Rules (GFR)* –*ICAR guidelines and circulars available at ICAR.org.in*	
		1.3.4. Time limit for taking a decisions, if any *Depending on the urgency of the work decisions will be taken.*	**Fully met**
		1.3.5. Channel of supervision and accountability Concerned In-charges will supervise the work	**Fully met**
1.4	Norms for discharge of functions [Section 4(1)(b)(iv)]	1.4.1. Nature of functions/ services offered ***Analytical Testing Services. Please see Below attached Table***	**Fully met**
		1.4.2. Norms/ standards for functions/ service delivery The samples for analytical services to be submitted with requisite testing charges to the Institute	**Fully met**
		1.4.3. Process by which these services can be accessed *Request letter along with samples to I/c Sample Analysis Services or to Director, ICAR-NIANP*	**Fully met**
		1.4.4. Time-limit for achieving the targets *30 Days*	**Fully met**
		1.4.5. Process of redress of grievances *Director, ICAR-NIANP Or Grievance cell of the Institute*	**Fully met**

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Sl	*Service Offered*	*Rate within country*
1	**Proximate analysis of feed and fodders** (Moisture, Crude Protein, Ether Extract, Crude Fiber, Ash and Insoluble ash)	Rs 1800.00/sample (Rs 360.00/parameter/sample)
2.	**Fiber Fractions** (NDF, ADF & Lignin)	Rs 1200.00/sample (Rs 400.00/parameter/sample)
3	**Proximate analysis as in Sl No. 1** (without CF) **with NDF, ADF & Lignin**	Rs 2700.00/sample
4	**Estimation of minerals** (Calcium, Phosphorus, Magnesium, Zinc, Copper, Iron, Chromium, Sulphur , Manganese, Potassium, Cobalt , Boron ,Selenium , Nickel, Sodium, Molybdenum, Lead, Arsenic, Cadmium and Mercury)	Rs.500/element/sample Upto 5 elements Rs 2500.00/sample 7-10 elements Rs 3500.00/sample 12-20 elements Rs 4500.00/sample
5	**Estimation of Metabolizable energy by In-vitro gas production technique**	Rs 7500/sample
6	**Estimation of aflatoxins** (B1, B2, G1 and G2)	Rs.2500/sample
7	**Estimation of hormones** (i) Estradiol (ii) Progesterone (iii) Testosterone (iv) Cortisol (v) IGF1 (vi) Androstenedione (vii) Total T3 or T4 (viii) Free T3 or T4 (ix) FSH or LH*	per 100 tubes or part of thereof (i) Rs.14670/- (ii) Rs.11800/- (iii) Rs.11975/- (iv) Rs.7970/- (v) Rs.19700/- (vi) Rs.32070/- (vii) Rs.5790/- (viii) Rs.6370/- (ix) Rs.26860/-
8	**Fluorine, Nitrate and Iodine**	Upto 10 samples Rs 350.00/sample 11 samples & above Rs 300.00/ sample (For all or any parameter)
9	**Estimation of Urea**	Rs 500/sample

10	**Microbial tests including total microbial count and fungal count**	Upto 5 samples Rs 300/sample 5 or more samples Rs 250 extra for every additional sample
11	**Probiotic organism count** (aerobic bacteria/yeast)	Rs 700/sample/organism
12	**Anaerobic count**	Rs 1000/sample/organism
13	**Analysis of Fatty acids by Gas Chromatography**	Rs. 2500/sample
14	**Analysis of Volatile Fatty Acid in Rumen Liquor**	Rs.1000/sample (Minimum 5 samples or multiples thereof)
15	**Osmometer services**	Rs 445/Sample
16	**Analysis charges for cattle and poultry feed through NIRS**	Rs 400/Sample

*** LH and FSH the kit needs to be procured and provided by the service seeker (per 500 tubes or part of thereof) : Please Note: The rates are exclusive of GST.**

1.5	Rules, regulations, instructions manual and records for discharging functions [Section 4(1)(b)(v)]	1.5.1. Title and nature of the record/ manual /instruction. The title and nature of the record /manual /instructions will be available with the concerned in-charges of sections / divisions and the instructions of the Council i.e. ICAR headquarters will be followed.	**Fully met**
		1.5.2. List of Rules, regulations, instructions manuals and records. – For administrative functions rules of Central Government as amended time to time. – Central Civil Services (CCS) Rules – General Financial Rules (GFR) – ICAR guidelines, DARE rules and regulations – ICAR Establishment and Administrative Manual available at https://icar.org.in/node/5877	**Fully met**
		1.5.3. Acts/ Rules manuals etc.	**Fully met**
		1.5.4. Transfer policy and transfer orders *The acts / rules manuals etc and the transfer policy and transfer orders of the Indian Council of Agricultural Research, New Delhi are being followed*	**Fully met**

		• Rules, regulations, instruction manual and records, held by it or under its control or used by its employees for discharging its functions. • Rules and Regulations framed by ICAR in accordance with the orders issued from the different Ministries from time to time.	
1.6	Categories of documents held by the authority under its control [Section 4(1)(b) (vi)]	1.6.1. Categories of documents **Please see Below Table**	**Fully met**
		1.6.2. Custodian of documents/categories **Please see below table** **Categories of documents that are held by it or under its control [(Section 4(1) (b) (vi)]** The retention of documents categorized into 3 groups i.e. A, B and C.	**Fully met**

Sl. No.	Document Title	Description	Responsibility	Periodicity of preservation
1.	Research proposals (Concept note and RPP-I)	Details of proposed research project	I/c PME	As per Record Retention Schedule.
2.	Research progress reports (RPP-II)	Details of the progress of research project	I/c PME	-do-
3.	Project completion report (RPP-III)	Details of the completed project	I/c PME	-do-
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7.	RAC agenda and proceedings	Agenda for RAC meetings and the committee recommendations	Member secretary, RAC	-do-
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10.	Contract research project documents	Scope of the contract research	I/c ITMU	-do-
11.	Consultancy project documents	and consultancy projects	I/c CPC	-do-
12.	MoU	MoU for contract research, consultancy and technology transfer	I/c ITMU	-do-

1.7	Boards, Councils, Committees and other Bodies constituted as part of the Public Authority [Section 4(1)(b)(viii)]	1.7.1. Name of Boards, Council, Committee etc.	**Fully met (Please see below table)**
		1.7.2. Composition	**Fully met (Please see below table)**
		1.7.3. Dates from which constituted	**Fully met (Please see below table)**
		1.7.4. Term/ Tenure	**Fully met (Please see below table)**
		1.7.5. Powers and functions	**Fully met (Please see below table)**
		1.7.6. Whether their meetings are open to the public?	NA
		1.7.7. Whether the minutes of the meetings are open to the public?	NA
		1.7.8. Place where the minutes if open to the public are available?	NA

		Boards, Councils, Committees and other Bodies constituted as part of the Public Authority [Section 4(1)(b) (viii)] All the Committee proceedings are kept in concerned sections and actions taken.	

(a) RAC and IRC for monitoring research, training and extension activities in the institute

The Institute has a Research Advisory Committee (RAC) comprising of following eminent professionals in animal nutrition and physiology for guiding the institute research activities. The committee also comprises of public representative to guide on basic issues at farm-gate level.

Research Advisory Committee (RAC)

For overall development of the Institute, thereby bringing the Institute into forefront at national level, the RAC has played a very vital role by providing valuable guidance in carrying out the research work as per the mandate and objectives of the Institute besides overseeing implementation of QRT recommendations and directions of the SMD of the Council. The RAC also considered recommendations of the QRT and inputs from Animal Science Division of the Council while approving the research programmes and projects.

Research Advisory Committee year 2022-2023

Sl. No.	Name & Address	Designation
1.	**Dr. S. P. Tiwari** Vice-Chancellor, NDUVS Jabalpur	Chairman
2.	**Dr. V. Balakrishnan**, Former Head, Animal Nutrition Division, Madras Vety. College, TANUVAS, Chennai	Member

3.	**Dr. Sagar Sanyal** Former Professor & Head, WBUAFS, Kolkatta	Member
4.	**Dr. S S Thakur** Ex-ICAR Professor Emeritus NDRI, Karnal	Member
5.	**Dr. A. K. Mathur**, Retired Principal Scientist, ICAR-CIRC, Meerut	Member
6.	**Dr. Jeetendra Verma**, Consultant Market Access, Addicoo Corporation, Czech Republic, Bangalore. INDIA	
7.	**Dr. A. K. Tyagi** ADG (AN&P) ICAR, KrishiBhavan, New Delhi 110 001	Member
8.	**Dr. Raghavendra Bhatta** Director, ICAR-NIANP, Adugodi, Bengaluru- 560030	Member
9.	**Dr. D. T. Pal** Principal Scientist, ICAR-NIANP, Bengaluru	Member Secretary

Institute Management Committee (IMC)

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1.	The Director, ICAR-NIANP, Bengaluru.	Chairman
2.	The Director, Department of Animal Husbandry and Veterinary Services, Government of Karnataka, V Floor, Vishveswaraiah Mini Tower, Dr. B.R. Ambedkar Veedhi, Bengaluru – 560 001.	Member
3.	The Dean, Veterinary College, Karnataka, Veterinary Animal and Fisheries Sciences University (KVAFSU), Hebbal, Bengaluru – 560 024.	Member
4.	The Dean, Veterinary College KVASU, Pookode, Kerala	Member
5.	Dr.Divakar Hemadri, Principal Scientist, ICAR-NIVEDI, Ramagondanahalli, Yelahanka, Bengaluru – 560 064.	
6.	Dr.Rajendra Hegde, Principal Scientist, Agronomy and Head, ICAR-National Bureau of Soil Survey and Land Use Planning (NBSSLUP), P.B. No. 2487, Hebbal, Agricultural Farm, PO. Bengaluru – 560 024.	Member
7.	Dr. P.V. Rami Reddy, Principal Scientist (Entomology and Nematology), ICAR-Indian Institute of Horticultural Research, Hessarghatta, Bengaluru – 560 089.	Member
8.	Dr. Suresh Dinkar Kharche, Principal Scientist, Animal Physiology & Reproduction Division, ICAR-CIRG, Makhdoom, Farah, Mathura. Pin code - 281122 (UP).	Member
9.	Dr.Amrish Tyagi, ADG (AN&P), ICAR, New Delhi.	Member
10.	Shri. Vijay Kumar, Assistant Finance and Accounts Officer, ICAR-NIVEDI, Ramagondanahalli, Post Box No. 6450, Yelahanka, Bengaluru – 560 064.	
11.	Administrative Officer, ICAR-NIANP, Adugodi, Bengaluru – 560 030.	Member Secretary

Institute Research Committee (IRC)

The IRC functioned under the Chairmanship of the Director of the Institute to review the research output and to consider new project proposals including externally funded projects. While the progress of the ongoing projects and new project proposals were reviewed in depth during the annual meetings, midcourse corrections and modifications were also carried out during the mid-term meetings.

The Institute Research Council (IRC) is comprised of the Director as the chairman and all the scientist as members to promote effective professional interaction and held periodically to approve projects and review the progress.

A statement of the board, councils, committees and other bodies consisting of two or more persons constituted as its part or for the purpose of its advice, and as to whether meetings of those boards, councils, committees and other bodies are open to the public or the minutes of such meetings are accessible for public.

- **Details of such meetings are available in the annual reports of the institute and in the proceedings maintained with I/c PME.**

1.8	Directory of officers and employees [Section 4(1) (b) (ix)]	1.8.1. Name and designation	**Fully met (Please see below table)**
		1.8.2. Telephone , fax and email ID Director, ICAR-NIANP, Adugodi, Bengaluru – 560 030. Telephone, fax and e-mail ID: 080-25711303; 080-25711420; directornianp@gmail.com Smt. S. Shashikala, Administrative Officer, ICAR-NIANP, Adugodi, Bengaluru – 560 030 Telephone, fax and e-mail ID: 080-25702569; 080-25711420; aonianp@gmail.com	**Fully met**

List of Scientific, Technical, Administrative and Supporting staff is available on the website and the annual report of the Institute. Contact Details of the respective employees are available on the website.

Director, ICAR-National Institute of Animal Nutrition and Physiology, Hosur main Road, Adugodi, Bengaluru, Karnataka – 560030. Phone numbers: 080-25711303 /304 /164, 25702539 /46

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Name	Designation	Extension numbers	E-mail id
Dr. Shivakumar Gowda N.K.	Director (Acting) & Head, AND	401	NK.Gowda@icar.gov.in
Dr. S.B.N. Rao	Principal Scientist	313	SB.Rao@icar.gov.in
Dr. A.V. Elangovan	Principal Scientist	331	av.elangovan@icar.gov.in
Dr. Ippala Janardhana Reddy	Principal Scientist	213	JR.Ippala@icar.gov.in
Dr. M. Chandrasekharaiah	Principal Scientist	314	Chandrashekariah.M@icar.gov
Dr. Paluru Subramanyam Parameswara Gupta	Head, APD Division	216	PSP.Gupta@icar.gov.in
Dr. S. Anandan	Principal Scientist	307	Anandan.S@icar.gov.in
Dr. K.S. Roy	Principal Scientist	236	ks.roy@icar.gov.in
Dr. K.V.H. Sastry	Principal Scientist	233	K.Sastry@icar.gov.in
Dr. S. Mondal	Principal Scientist	209	Sukanta.Mondal@icar.gov.in
Dr. S.C. Roy	Principal Scientist	210	Roy.SC@icar.gov.in
Dr. D.T. Pal	Principal Scientist	319	Dintaran.Pal@icar.gov.in
Dr. K. Giridhar	Principal Scientist	318	K.Giridhar@icar.gov.in
Dr. Sumanta Nandi	Principal Scientist	214	Sumanta.Nandi@icar.gov.in
Dr. G. Ravikiran	Principal Scientist	229	Ravikiran.Gorti@icar.gov.in
Dr. Jyotirmoy Ghosh	Principal Scientist	310	Jyotirmoy.Ghosh@icar.gov.in
Dr. I.C.G. David	Principal Scientist	493	Corbon.David@icar.gov.in
Dr. S. Selvaraju	National Fellow	215	selvaraju.S@icar.gov.in
Dr. D. Rajendran	Principal Scientist	306	D.Rajendran@icar.gov.in

20.	Dr. R. Umaya Suganthi	Principal Scientist	232	Suganthi.Umaya@icar.gov.in	
21.	Dr. Pradeep Kumar Malik	Head, BE&ES Division	235	Pradeep.Malik@icar.gov.in	
22.	Dr. Nira Manik Soren	Principal Scientist	489	nm.soren@icar.gov.in	
23.	Dr. Veerasamy Sejian	Principal Scientist (on deputation)	–	Sejian.V@icar.gov.in	
24.	Dr. A. Arangasamy	Principal Scientist	220	A.Arangasamy@icar.gov.in	
25.	Dr. Ashish Mishra	Principal Scientist	400	Ashish.Mishra@icar.gov.in	
26.	Dr. N. Ramachandran	Principal Scientist	–	n.ramachandran@icar.gov.in	
27.	Dr. Anjumoni Mech	Principal Scientist	228	Anjumoni.Mech@icar.gov.in	
28.	Dr. G. Letha Devi	Senior Scientist	297	letha.devi@icar.gov.in	
29.	Dr. Atul P. Kolte	Senior Scientist	330	atul.kolte@icar.gov.in	
30.	Dr. Soumitra Jash	Scientist	297	S.Jash@icar.gov.in	
31.	Dr. Chandrappa T.	Scientist	297	Chandrappa.T@icar.gov.in	
32.	Dr. Bagath. M.	Senior Scientist	311	Bagath.M@icar.gov.in	
33.	Dr. G. Krishnan	Senior Scientist	211	govindan.krishnan@icar.gov.in	
34.	Dr. Devaraj C.	Scientist	–	Devaraj.C@icar.gov.in	
35.	Dr. Binsila B. Krishnan	Scientist	–	binsila.krishnan@icar.gov.in	
36.	Dr. Krishnappa Balaganur	Senior Scientist	211	Krishnappa.Balaganur@icar.gov.in	
37.	Dr. Gopi M.	Scientist	326	Gopi.M@icar.gov.in	

TECHNICAL STAFF

Name	Designation	Extension numbers	E-mail id
Shri. V. Ramesh	Chief Technical Officer (T-9)	451	Ramesh.Rao@icar.gov
Dr. Awachat Vaibhav Bhagwan	Assistant Chief Technical Officer (T-7/8)	290	vaibhav.bhagwan@ica
Shri. D.R. Govinda	Technical Officer (T-5)	451	dr.govinda@icar.gov.in
Smt. Maya G.	Senior Technical Assistant (T-4)	234	maya.g@icar.gov.in
Shri. Kamalesh K.M.	Senior Technical Assistant (T-4)	451	kamalesh.km@icar.gov

6.	Mrs. Vijayalakshmi Y C	Technical Assistant (T-3)	417	Vijayalakshmi.YC@icar.gov.in
7.	Mrs. K. Bharathi	Technical Assistant (T-3)	300	bharathi.k@icar.gov.in
8.	Shri. Shivarama M.	Technical Assistant (T-3)	451	shivarama.m@icar.gov.in

ADMINISTRATIVE STAFF

Name	Designation	Extension numbers	E-mail id
Smt. S. Shashikala	Administrative Officer	412	s.shashikala@icar.gov.in
Smt. Sheeja. P.P.	Finance and Accounts Officer	413	sheeja.pp@icar.gov.in
Smt. Mridula M.P.	Assistant Administrative Officer	411	mridula.mp@icar.gov.in
Shri. R. Suresh Babu	Assistant Administrative Officer	411	suresh.babu2@icar.gov.in
Smt. K. Jayalakshmi	Private Secretary	402	k.jayalakshmi@icar.gov.i
Smt. J.V. Jyothi	Assistant	417	jv.jyothi@icar.gov.in
Smt. Geetha B.	Assistant	418	Geetha.B@icar.gov.in
Smt. Prema Nagaraju	Assistant	416	prema.nagaraju@icar.gov
Shri. Anantha Murthy	Upper Division Clerk	419	anantha.murthy@icar.gov
Shri. Vinod Kumar N	Upper Division Clerk	415	vinod.n@icar.gov.in

SKILLED SUPPORTING STAFF

Sl. No.	Name	Designation	Extension numbers	E-mail id
1.	Shri. K. Narayana	Multi-taskingstaff	–	narayana.k@icar.gov.in
2.	Smt. S. Jhansi Lakshmi	Multi-taskingstaff	–	jhansi.lakshmi@icar.gov.in

1.9	Monthly Remuneration received by officers & employees including system of compensation [Section 4(1) (b) (x)]	1.9.1. List of employees with Gross monthly remuneration ***Please see the table Below***	**Fully met**
		1.9.2. System of compensation as provided in its regulations ***As per ICAR Guidelines***	**Fully met**
		Details may be obtained from DDO, ICAR-NIANP, Bangalore	

1.9.1 List of employees with gross monthly remuneration:

Gross Salary for the month of March 2024 in r/o ICAR – NIANP Employees

Sl. No.	**Name of the Employee**	**Gross Salary for the m/o March 2024**
1	Dr. N. K. S. Gowda	405664
2	Dr. M. Chandrasekaraiah	416176
3	Dr. IppalaJanardhan Reddy	416176
4	Dr. S. B. N. Rao	416176
5	Dr. PaluruSubramanyamParameswara Gupta	416176
6	Dr. A. V. Elangovan	416176
7	Dr. S. Anandan	416176
8	Dr. K. Giridhar	319740
9	Dr. Sudhir C. Roy	416176
10	Dr. Dintaran Pal	416176

11	Dr. SukantaMondal	357262
12	Dr. Kajal S. Roy	357262
13	Dr. K. V. H. Sastry	416176
14	Dr. Sumanta Nandi	414448
15	Dr. RavikiranGorti	414448
16	Dr. Jyotirmoy Ghosh	357262
17	Dr. I. C. G. David	411154
18	Dr. UmayaSuganthi	277254
19	Dr. D. Rajendran	402376
20	Dr. Atul P. Kolte	319740
21	Dr. A. Arangasamy	369215
22	Dr. AnjumoniMech	303446
23	Dr. SoumitraJash	191990
24	Dr. N. Ramachandran	312206
25	Dr. N. M. Soren	321317
26	Dr. Ashish Mishra	321317
27	Dr. Pradeep K. Malik	269516
28	Dr. Letha Devi	262092
29	Dr. G. Krishnan	269633
30	Dr. Bagath M.	262099
31	Dr. T. Chandrappa	154030
32	Dr. C. Devaraj	221978
33	Dr. Binsila B. Krishnan	182734
34	Dr. KrishnappaBalagnur	192895
35	Dr. Gopi M.	184845
36	Smt. S. Shashikala	161714
37	Mr. R. Suresh Babu	93440
38	Smt. K. Jayalakshmi	98842
39	Smt. J. V. Jyothi	103240

40	Smt. B. Geetha	78435
41	Mr. K. Narayana	78262
42	Mrs. Sheeja P. P.	97382
43	Mrs. Mridula M. P.	81176
44	Smt. PremaNagaraju	70304
45	Mr. Anantha Murthy	49786
46	Mr. Vinod Kumar	51100
47	Mrs. S. Jhansi Lakshmi	40588
48	Mr. V. Ramesh	183166
49	Mr. D. R. Govinda	85848
50	Dr. Vaibhav B. Awachat	165389
51	Mrs. Maya G.	76359
52	Mr. Kamalesh K. M.	63510
53	Mrs. Vijaylakshmi Y. C.	63903
54	Mrs. Bharathi K.	54750
55	Mr. Shivarama M.	57670
56	Dr. S. Selvaraju	411154

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1.9	Monthly Remuneration received by officers & employees including system of compensation [Section 4(1) (b) (x)]	(i) List of employees with Gross monthly remuneration :	**Fully met** (Given above in Tabular Form)
		(ii) System of compensation as provided in its regulations:	**Fully met** (As per ICAR guidelines.)

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1.10	Name, designation and other particulars of public information officers [Section 4(1) (b) (xvi)]	1.10.1. Name and designation of the public information officer (PIO), Assistant Public Information (s) & Appellate Authority a) Public Information Officer: Dr. K S Roy, Principal Scientist, NIANP, Adugodi, Bangalore- 560 030, Karnataka; Tel: 080-25711304(off); Fax: 080-25722420 b) Assistant Public Information Officer: Administrative Officer, NIANP, Adugodi, Bangalore-560 030; Tel: 080-25711364(off); Fax: 080-25722420 c) First Appellate Authority: Director, NIANP, Adugodi, Bangalore- 560 030, Karnataka	**Fully met**
		1.10.2. Address, telephone numbers and email ID of each designated official. PIO: Dr. K S Roy, Principal Scientist, NIANP, Adugodi, Bangalore- 560 030, Karnataka; Tel: 080-25711304(off); Fax: 080-25722420 APIO: Administrative Officer, NIANP, Adugodi, Bangalore-560 030; Tel: 080-25711364(off); Fax: 080-25722420 FAA: Director, NIANP, Adugodi, Bangalore- 560 030, Karnataka Tel 080 25711303 Fax: 080-25722420	**Fully met**
1.11	No. Of employees against whom Disciplinary action has been	1.11.1. No. of employees against whom disciplinary action has been (i)Pending for Minor penalty or major penalty proceedings	NA

	proposed/ taken (Section 4(2))	. (ii) Finalised for Minor penalty or major penalty proceedings: NIL	NA
1.12	Programmes to advance understanding of RTI (Section 26)	1.12.1. Educational programmes • Shri S K Behera, Deputy Secretary (AS), ICAR conducted a short training programme on RTI matters, Vigilance, File Management and procurement on 12th January'2017 at NIANP, Bangalore. [F.No. NIANP/2-6(48)/Estt/2015-16, dated-10-01-2017]	**Fully met**
		1.12.2. Efforts to encourage public authority to participate in these programmes • Related information regularly displayed in general notice board.	**Fully met**
		1.12.3. Training of CPIO/APIO • The PIO undergone a training/workshop at ISTM, New Delhi from 11th to 13th June'2018. • The PIO undergone an online training/workshop at NAARM, Hyderabad from 15th to 16th July'2021.	**Fully met**
		1.12.4. Update & publish guidelines on RTI by the Public Authorities concerned • We update information on regular basis.	**Fully met**
1.13	Transfer policy and transfer orders [F No. 1/6/2011-IR dt. 15.4.2013]	1.13.1. Transfer Policy And Transfer Orders [F. No. 1/6/2011-IR Dt. 15.4.13] ICAR orders will be followed. As framed by the Council	**Fully met**

.**2. Budget and Programme:**

<table>
<tr><th>S.No.</th><th>Item</th><th>Details of disclosure</th><th>Remarks/ Reference Points (Fully met/partially met/ not met- Not applicable will be treated as fully met/partially met)</th></tr>
<tr><td rowspan="5">2.1</td><td rowspan="5">Budget allocated to each agency including all plans, proposed expenditure and reports on disbursements made etc. [Section 4(1)(b)(xi)]</td><td>2.1.1.Total Budget for the public authority
<table>
<tr><td>Sl. No.</td><td>Scheme</td><td>(Amount in Lakhs)</td><td></td><td></td></tr>
<tr><td>1</td><td>ICAR-NIANP</td><td>2479.32</td><td></td><td></td></tr>
<tr><td>2</td><td>AICRP AT NIANP</td><td>151.00</td><td></td><td></td></tr>
</table></td><td>Fully met</td></tr>
<tr><td>2.1.2. Budget for each agency and plan & programmes</td><td>Fully met</td></tr>
<tr><td>2.1.3. Proposed expenditures
<table>
<tr><td>Sl. No.</td><td>Scheme</td><td>Actual Expenditure(Amount in Lakhs)</td></tr>
<tr><td>1</td><td>ICAR-NIANP</td><td>2479.32</td></tr>
<tr><td>2</td><td>AICRP AT NIANP</td><td>151.00</td></tr>
</table></td><td>Fully met</td></tr>
<tr><td>2.1.4. Revised budget for each agency, if any: NA</td><td>Fully met</td></tr>
<tr><td>2.1.5. Report on disbursements made and place where the related reports are available
- Administration and Accounts Section</td><td>Fully met</td></tr>
<tr><td>2.2</td><td>Foreign and</td><td>2.2.1. Budget Fully Met</td><td></td></tr>
</table>

	domestic tours (F.No. 1/8/2012- IR dt. 11.9.2012)	2.2.2. Foreign and domestic Tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the heads of the Department. a) Places visited b) The period of visit c) The number of members in the official delegation d) Expenditure on the visit **Please see the table Below**	**Fully met**
		2.2.3. Information related to procurements a) Notice/tender enquires, and corrigenda if any thereon, b) Details of the bids awarded comprising the names of the suppliers of goods/ services being procured, c) The works contracts concluded – in any such combination of the above-and d) The rate /rates and the total amount at which such e) Procurement or works contract is to be executed. **(The information is regularly updated on the Institute Website and also on the CPP portal.)**	**Fully met**

2.2 Foreign and domestic tours [F. No. 1/8/2012-IR dt. 11.9.2012] (2018-19) to till date.

2.2.1	Budget	
2.2.2	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. –	Dr. Raghavendra Bhatta Director University of Gottingen, Germany.

	(a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	07-09-2023 to 16-09-2023 One Wholly funded by the University of Gottingen, Germany.
	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. – (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. K.V.H. Sastry Principal Scientist Wild Life Research Centre Kyoto University, Japan. 09-09-2023 to 23-09-2023 One Wholly funded by the Kyoto University of Japan.
	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. – (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. Pradeep Kumar Malik, Principal Scientist Vienna, Austria. 25-29th April, 2022 One Wholly funded by Austrian Government

	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. – (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. Binsila B. Krishnan, Scientist Edinburgh, UK 02-08-2022 to 01-10-2022 1 Wholly funded by UK government
	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. – (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. Raghavendra Bhatta, Director Ho Chi Minh City, Vietnam. 14-17th May, 2018 One Wholly funded by New Zealand Government
	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. – (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. Veerasamy Sejian, Senior Scientist Clermont Ferrard, France, 2-6th September, 2018 and Montpellier SELMET 7-14th September, 2018. One Funding by organizers of International Symposium on the Nutrition of the Herbivores-2018 (ISNH2018) for registration and accommodation charges. DST will bear expenses for travel and support.

	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. Raghavendra Bhatta, Director University of Kassel, Germany. 2-9th November, 2018. One Food, accommodation and travel expenses by University of Kassel, Germany and the Scientific visiting programme will be borne by the direct Counterpart of University of Kassel, Germany Sanctioned budget of Indo-German collaborative project from DBT, India.
	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. P.S.P. Gupta Principal Scientist Szent Istvan University, Budapest, Hungary. 12-23rd March, 2019. Two The joint project collaborators in Hungary will bear the expenses of his local transport, food and accommodation from the approved grant from Hungary during his stay in Hungary. The to and fro air-fare for the visit will however be met from the project grant released by DST for the said purpose.
	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. S. Mondal Principal Scientist Szent Istvan University, Budapest, Hungary. 12-23rd March, 2019. Two The joint project collaborators in Hungary will bear the expenses of his local transport, food and accommodation from the approved grant from Hungary during his stay in Hungary. The

		to and fro air-fare for the visit will however be met from the project grant released by DST for the said purpose.
	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. Raghavendra Bhatta, Director University of Kassel, Germany. 16-23rd October, 2019. One Food, accommodation and travel expenses by University of Kassel, Germany and the Scientific visiting programme will be borne by the direct Counterpart of University of Kassel, Germany Sanctioned budget of Indo-German collaborative project from DBT, India.
	Foreign and domestic tours by ministries and officials of the rank of Joint Secretary to the Government and above, as well as the Heads of the Department. (a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit	Dr. Raghavendra Bhatta, Director Nairobi, Kenya. 1-6th December, 2019. One Major funding source from ICAR (through Window III)

Details of Tour in r/o Dr. Raghavendra Bhatta, Director (Head of Institute) during the period (March 2022 to August 2022):

Duration	Place of Visit	Purpose

26-27 Mar. 2022	JNKVV, Jabalpur	Conducting interviews for the posts of Associate and Assistant Professors as Expert Committee Member
12-14 Apr. 2022	ICAR, New Delhi	To attend Directors' Conference of ICAR Institutes
2-6 June 2022	Delhi	To attend Foundation Day and AGB Meeting of NAAS, Meeting of Convenors of Regional Chapters and official work at ICAR
19-22 June 2022	MAFSU, Nagpur	To attend National Conference-cum-Convention of NAVS and deliver Expert Lecture
10-11 July 2022	RIVER, Puduchery	To attend Graduation Day, Felicitation Programme and deliver Graduation Day Address
15-16 July 2022	Delhi	To attend ICAR Foundation Day, Award Ceremony, and receive Sardar Patel Outstanding Institution Award for NIANP
1-2 Aug. 2022	Delhi	To attend Mid-term Review Meeting of ICAR-ILRI Collaborative Projects and make presentation of activities of Methane Emission and its Mitigation project
23-26 Aug. 2022	Delhi	Official works at ICAR hqrs., attend interview for the post of Director, NIANP
3-15 Sept. 2022	Delhi	To attend National Programme on Agriculture Outlook Agritech Summit and receive Outstanding Institute Award
21-22 Sept. 2022	NDVSU, Jabalpur	To attend National Conference of National Academy of Veterinary Nutrition and Animal Welfare, signing of MOU with NDVSU, Jabalpur
30th Sept.- 2nd	Mumbai	To attend National Symposium on "Changing Dynamics of

Oct. 2022		Animal Agriculture in India, organized by CLFMA and Panelist of a Technical Session on Animal Feed
1-3 Nov. 2022	IITR, Lucknow	To attend Research Council Meeting of IITR, Lucknow
27-29 Nov. 2022	Delhi	Official work at ICAR/ASRB
9-11 Dec. 2022	IGFRI, Jhansi	To receive SSCE Award for Outstanding Contribbution on Climate Science and ES; discussions with the Director, IGFRI & CAFRI, Jhansi
2-4 Feb. 2023	Anand	To attend National Symposium on Ädvances in Tackling Antimicrobial Resistance and Ensuring Food Safety under One Health Perspective", present lead paper at Kamdhenu University, Anand
12-15 Feb. 2023	Delhi	To attend Scenario Building Workshop, organized by Tata-Cornell University
26-28 Feb. 2023	Delhi	To attend Annual Review Meeting with CG Centres, called by the Council and official work hqrs.
4-6 Mar.2023	Delhi	To attend Directors' Conference
21-22 Mar. 2023	Delhi	Official Work at ASRB/ICAR

Details of Tour in r/o Dr. Raghavendra Bhatta, Director (Head of Institute) during the year 2018-2019 (March 2018 to November 2019) and till date.

Sl. No	Places visited	Period of visit	Expenditure on the visit	Remarks
1.	Coimbatore	16.04.18 to 17.04.18	8751/=	
2.	Delhi	23.04.18 to 26.04.18	15267/=	
3.	Pune	25.05.18 to 28.05.18	16529/=	
4.	Delhi	24.06.18 to 26.06.18	31982/=	
5.	Delhi	15.07.18 to 17.07.18	26094/=	
6.	Chennai	22.07.18 to 24.07.18	00.00	borne by TANUVAS, Chennai
7.	Delhi	12.08.18 to 13.08.18	28444/=	
8.	Delhi	05.09.18 to 06.09.18	18119/=	
9.	Hyderabad	22.10.18 to 24.10.18	9983/=	
10.	Delhi / Patna	18.11.18 to 20.11.18	51651/=	
11.	Delhi	18.12.18 to 20.12.18	25127/=	
12.	Delhi	30.01.19 to 03.02.19	67244/=	
13.	Delhi	07.02.19 to 08.02.19	24541/=	
14.	Delhi / Guwahati	24.02.19 to 02.03.19	63655/=	
15.	Delhi	09.06.19 to 11.06.19	26066/=	
16.	Delhi	16.06.19 to 18.06.19	25413/=	
17.	Delhi	30.06.19 to 02.07.19	39531/=	
18.	Delhi	15.07.19 to 18.07.19	28364/=	
19.	Delhi	25.07.19 to 27.07.19	11099/=	
20.	Delhi	21.08.19 to 23.08.19	13944/=	
21.	Delhi	08.09.19 to 09.09.19	22547/=	
22.	Delhi	12.09.19 to 13.09.19	21147/=	
23.	Delhi	23.09.19 to 25.09.19	5070/=	tickets arranged and borne by ILRI
24.	Delhi	04.10.19	14642/=	
25.	Gottingen, Germany	16.10.19 to 24.10.19	107962/=	Approx.
26.	Chennai	29.10.19 to 30.10.19	00.00	borne by TANUVAS, Chennai

27.	Delhi	31.10.19 to 04.11.19	42072/=	
28.	Delhi	07.11.19 to 08.11.19	14942/=	
29.	Bhubaneswar	15.11.19 to 17.11.19	11593/=	
30.	Vadodara	20.11.19 tp 22.11.19	00.00	borne by NDDB

Details of Tour in r/o Dr. Ragavendra Bhatta, Director(Head of Institute) during 2017-18 to till date

Sl.No	Places visited	The period of visit	Expenditure on the visit	Remarks
1	New Delhi	27.03.2017	18041	
2	New Delhi	28.04.2017 To 29.04.2017	10771	
3	AICRP Annual programe review at TANUVAS Chennai	17.05.2017 To 19.05.2017	6221	
4	Attended the National workshop at VCRI, Namakkal	5.07.2017 To 6.07.2017	465	
5	AAU, Anand	9.07.2017 To 12.07.2017	18258	
6	To attend ICAR Foundation day award ceremony 2017 at NASC New Delhi	15.07.2017 To 17.07.2017	24553	
7	EFC meeting , New Delhi	28.08.2017 To 30.03.2017	23080	
8	CLFMA meeting, Mumbai	15.09.2017 To 17.09.2017	8454	
9	Assessment committee meeting at ASRB, Pusa, New Delhi.	24.9.2017 To 26.09.2017	18136	
10	EFC meeting , New Delhi	17.10.2017	19909	
11	CSWRI, Avikanagar	3.01.2018 To 5.01.2018	20245	
12	XVII bi annual ANSI conference, Junagadh	31.01.2018 To 05.01.2018	18827	

13	Meeting of committee on Agriculture, Parliament House, New Delhi	22.02.2018 To 24.02.2018	52076	
14	Directors conference at NASC, New Delhi	07.03.2018 To 10.03.2018	28834	
15	Witzenhausen, Germany	03.08.2017 To 09.10.2017	125000*	*DBT - External funded scheme
16	ICAR, New Delhi	31.12.2020 to 01.01.2021	14,000/- (approx.)	
17	NIAB, Hyderabad	30.07.2021 to 31.07.2021	NA	TA & DA borne by NIAB, Hyderabad

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2.3	Manner of execution of subsidy programme [Section 4(i)(b)(xii)]	2.3.1. Name of the programme of activity	**NA**
		2.3.2. Objective of the programme	
		2.3.3. Procedure to avail benefits	
		2.3.4. Duration of the programme/ scheme	
		2.3.5. Physical and financial targets of the programme	
		2.3.6. Nature/ scale of subsidy /amount allotted	
		2.3.7. Eligibility criteria for grant of subsidy	
		2.3.8. Details of beneficiaries of subsidy programme (number, profile etc)	**NA**
2.4	Discretionary and non-discretionary grants [F. No.	2.4.1. Discretionary and non-discretionary grants/ allocations to State Govt./ NGOs/other institutions	**NA**
		2.4.2. Annual accounts of all legal entities who are provided grants by	**NA**

	1/6/2011-IR dt. 15.04.2013]	public authorities	
2.5	Particulars of recipients of concessions, permits of authorizations granted by the public authority [Section 4(1) (b) (xiii)]	2.5.1. Concessions, permits or authorizations granted by public authority	
		2.5.2. For each concessions, permit or authorization granted a) Eligibility criteria b) Procedure for getting the concession/ grant and/ or permits of authorizations c) Name and address of the recipients given concessions/ permits or authorisations d) Date of award of concessions /permits of authorizations	**NA**
2.6	`CAG & PAC paras [F No. 1/6/2011- IR dt. 15.4.2013]	2.6.1. CAG and PAC paras and the action taken reports (ATRs) after these have been laid on the table of both houses of the parliament.	**NA**

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3. Publicity Band Public interface

S.No.	Item	Details of disclosure	Remarks/ Reference Points (Fully met/partially met/ not met- Not applicable will be treated as fully met/partially met)
3.1	Particulars for any arrangement for consultation with or representation by the members of the public in relation to the formulation of	Arrangement for consultations with or representation by the members of the public 3.1.1. Relevant Acts, Rules, Forms and other documents which are normally accessed by citizens	NA
		3.1.2. Arrangements for consultation with or representation by a) Members of the public in policy formulation/ policy implementation b) Day & time allotted for visitors	NA

	policy or implementation there of [Section 4(1)(b)(vii)] [F No 1/6/2011-IR dt. 15.04.2013]	c) Contact details of Information & Facilitation Counter (IFC) to provide publications frequently sought by RTI applicants	
		Public- private partnerships (PPP) 3.1.3. Details of Special Purpose Vehicle (SPV), if any	NA
		3.1.4. Detailed project reports (DPRs)	NA
		3.1.5. Concession agreements.	NA
		3.1.6. Operation and maintenance manuals	NA
		3.1.7. Other documents generated as part of the implementation of the PPP	NA
		3.1.8. Information relating to fees, tolls, or the other kinds of revenues that may be collected under authorisation from the government	NA
		3.1.9. Information relating to outputs and outcomes	NA
		3.1.10. The process of the selection of the private sector party (concessionaire etc.)	NA
		3.1.11. All payment made under the PPP project	NA
3.2	Are the details of policies / decisions, which affect public, informed to them [Section 4(1) (c)]	Publish all relevant facts while formulating important policies or announcing decisions which affect public to make the process more interactive; 3.2.1. Policy decisions/ legislations taken in the previous one year	NA
		3.2.2. Outline the Public consultation process	NA
		3.2.3. Outline the arrangement for consultation before formulation of policy	NA
3.3	Dissemination of information widely and in such form and manner which is easily accessible to the public [Section 4(3)]	Use of the most effective means of communication 3.3.1. Internet (website) (The institute activities information is constantly updated in the website and Facebook account. The important events are displayed in the ICAR website and ICAR and NIANP newsletters which are available on the respective websites for download) Institute website is regularly updated about the following information for	**Fully met**

		easy accessibility of public 1) Regular update of information pertaining to any recruitment of SFR/RA/JRF/YP/contractual labour etc. as supplied administration 2) Regular update of all the information regarding the procurement of any item by uploading the information particulars of E procurement channel. Further information regarding the active tenders and tenders awarded/closed/tenders cancelled in also updated in the website. Tender documents are made available for download from website 3) Information regarding the staff(both scientific and technical), facilities available, consultancy provided is also update on regular basis 4) Online payment provision for various services of the institute 5) Information regarding the various events held, visits of dignitaries is also update regularly.	
3.4	Form of accessibility of information manual/ handbook [Section 4(1)(b)]	Information manual/handbook available in 3.4.1. Electronic format	**Fully Met**
		3.4.2. Printed format 1) Institute annual reports and newsletters are available for free download from institute website	**Fully Met**

		2) Information regarding sale of various laboratory manuals and other publications of the Institute are also uploaded on regular basis and are accessible to public without any restrictions.**(List of Publications enclosed herewith below)**	
3.5	Whether information manual/ handbook available free of cost or not [Section 4(1)(b)]	List of materials available 3.5.1. Free of cost	**Fully Met**
		3.5.2. At a reasonable cost of the medium: at a reasonable cost.: 20 Nos. **(List of Publications enclosed herewith below)**	**Fully Met**

List of Publications of NIANP

Free of cost publications

List of publications of ICAR-NIANP available for sale

Sl No	Title	Category
1	Plant derivatives: Ideal agents to combat aflatoxins	Technical bulletin
2	Feeding and management of goats	Technical bulletin
3	Early Embryonic losses: An enigma	Technical bulletin
4	Complete feed block	Technical bulletin
5	Thermal stress in dairy cows & its amelioration	Technical bulletin
6	Solid state fermentation technology for upgradation of crop residues	Technical bulletin
7	Modelling and forecasting livestock and fish feed resources: requirement and availability in India	Book
8	Promoting livestock productivity through micronutrient supplementation	Book
9	Handbook of animal feeding and management(Kannada)	Book
10	Integrated reproductive management in dairy buffaloes (English)	Book

11	Handbook of animal feeding and management(Hindi)	Book
12	Recent techniques in feed and fodder evaluation for assessing feed quality and safety	Laboratory manual
13	Feed resources and feeding practices in different agro eco zones of India	Book
14	Improvement of lignocellulosic materials as animal feed	Technical bulletin
15	Integrated reproductive management in dairy buffaloes (Hindi)	Book
16	Feed Chart (Hindi)	Ready Reckner
17	Feed Chart (Kannada)	Ready Reckner
18	Feed Chart (Telugu)	Ready Reckner
19	Feed Chart (Tamil)	Ready Reckner
20	Feed Chart (English)	Ready Reckner

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4. E. Governance

S .No.	Item	Details of disclosure	Remarks/ Reference Points (Fully met/partially met/ not met- Not applicable will be treated as fully met/partially met)
4.1	Language in which Information Manual/Handbook Available [F No. 1/6/2011-IR dt. 15.4.2013]	4.1.1. English	**NA (As per necessity)**
		4.1.2. Vernacular/ Local Language	**NA (As per necessity)**
4.2	When was the	4.2.1. Last date of Annual updation	**NA**

<table>
<tr><td></td><td>information Manual/Handbook last updated? [F No. 1/6/2011-IR dt 15.4.2013]</td><td></td><td>(As per necessity)</td></tr>
<tr><td rowspan="3">4.3</td><td rowspan="3">Information available in electronic form [Section 4(1)(b)(xiv)]</td><td>4.3.1. Details of information available in electronic form</td><td>NA
(As per necessity)</td></tr>
<tr><td>4.3.2. Name/ title of the document/record/ other information</td><td>NA</td></tr>
<tr><td>4.3.3. Location where available</td><td>NA</td></tr>
<tr><td rowspan="4">4.4</td><td rowspan="4">Particulars of facilities available to citizen for obtaining information [Section 4(1)(b)(xv)]</td><td>4.4.1. Name & location of the faculty</td><td>NA
(As per necessity)</td></tr>
<tr><td>4.4.2. Details of information made available</td><td>NA</td></tr>
<tr><td>4.4.3. Working hours of the facility</td><td>NA</td></tr>
<tr><td>4.4.4. Contact person & contact details (Phone, fax email)</td><td>NA</td></tr>
<tr><td rowspan="5">4.5</td><td rowspan="5">Such other information as may be prescribed under section 4(i)(b)(xvii)</td><td>4.5.1. Grievance redressal mechanism

A Grievance Committee has been formed to look into the grievances of the staff.</td><td>Fully met</td></tr>
<tr><td>4.5.2. Details of applications received under RTI and information provided
(****Anexure-II, enclosed herewith the details of RTI for the current year.)</td><td>Fully met</td></tr>
<tr><td>4.5.3. List of completed schemes/ projects/ Programmes
(Available on the Institute Website)</td><td>Fully met</td></tr>
<tr><td>4.5.4. List of schemes/ projects/ programme underway
(Available on the Institute Website)</td><td>Fully met</td></tr>
<tr><td>4.5.5. Details of all contracts entered into including name of the contractor, amount of contract and period of completion of contract

<table><tr><td>SL</td><td>DETAIL OF WORK</td><td>NAME OF CONTRACTOR</td><td>AMOUNT OF</td><td>PERIOD</td></tr></table></td><td>Fully met</td></tr>
</table>

		NO			CONTRACT	OF COMPLETION
		1	Enhancement of contract demand from 100 KVA to 200KVA	M/s CPWD Electrical Thro' BESCOM Govt of Karnataka	Rs.27,38,092/-	One year Work completed
		2	Renovation Fermentation Technology Laboratory	M/s CPWD [civil+electrical]	Rs.17,20,243/-	Work completed
		3	Acoustic Enclosure for 100KVA DG set	M/s CPWD Electrical	Rs.6,43,676/-	One year Work completed
		4	Painting, Repairs and replacement of Mosquito Mesh for the staff quarters building	M/s CPWD [civil]	Rs.19,06,000/-	One year. Work completed Completion certificate yet to be received from CPWD
		5	Relaying and black topping of Peripheral roads at NIANP	M/s CPWD [civil]	Rs.998000/-	Four months Work Completed
		6	Providing Vehicle parking Facility At NIANP	M/s CPWD [civil]	Rs.1237000/-	Four months Work Completed
		7	Renovation of NKIP Laboratory at APD wing	Empanelled Civil Agency of Institute.M/s S.P Engineers & ContractorsBengaluru.	Rs.1,48,487-00	One month Work Completed
		8	Laying 1 ¼" dia CPVC pipeline for BW water supply	Empanelled Civil Agency of Institute.M/s S.P Engineers &ContractorsBengaluru.	Rs:2,45,919-00	One month Work Completed

9	Glass Partition/Glass shutters @ main building	M/s Space Elements Intex LLP, Bengaluru	Rs:2,46,927-00	One month Work Completed	
10	Cleaning of UG drinking water tanks,OHT	Empanelled Civil Agency of Institute.M/s S.P Engineers & ContractorsBengaluru.	Rs: 42,000-00	One month Work Completed	
11	Renovation of Macro nutrient Laboratory, AND	Empanelled Civil Agency of Institute. M/s S. Sangamesh Bengaluru.	Rs:1,57,187-00	One month Work Completed	

List of Contract works by CPWD at ICAR-NIANP from 2020-2021 onwards

SL NO	WORK	TYPE OF WORK [CPWD DEPOSIT WORKS]	PE COST	STATUS	REMARKS
1	Electricity-Separate line for staff quarters	CPWD	Rs: 55.00 Lakhs	Under Progress	Amount Deposited to CPWD[Elec]
2	C/o Farmers Training Hostel cum Students Facility at ICAR-NIANP, Bengaluru	CPWD	Rs:99.86 Lakhs	Under Progress	Amount Deposited to CPWD[CIVIL]

3	C/o Community Hall at ICAR-NIANP, Bengaluru	CPWD	Rs:42.99 lakhs	Under Progress	Amount Deposited to CPWD[CIVIL]
4	C/o Laboratory Animal House	CPWD	Rs: 14,82,54,000-00	Under Progress	Amount Deposited to CPWD[CIVIL]
5	C/o Sewage Treatment Plant	CPWD	Rs:68.52 lakhs	Under Progress	Amount Deposited to CPWD[CIVIL]

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Details of Contract related to hiring of manpower / vehicle

Sl.No.	Name of the Contractor	Contract entered into	Amount of Contract	Period of completion of contract
1.	M/s Securour, Bengaluru -560042. (Work Order award of different Housekeeping / Manpower job contract)	01-10-2019	Rs.12,96,963/-	06-08-2021
2.	M/s Sri Vinayaka Enterprises, Benguluru - 560060. (Work Order award of different Housekeeping / Manpower job contract).	07-08-2021	Rs.16,36,000/-	-
3.	M/s Guru Tours & Travels (Vehicle on rate contract)	01-09-2021	Hiring basis	-

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>4.</td><td>M/s Principle Security and Allied Services Pvt. Ltd.,
Bengaluru – 560043.
(Work Order award of Security Contract)</td><td>01-08-2020</td><td>Rs.5,56,604/-</td><td>-</td></tr>
</table>
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</td><td></td></tr>
<tr><td></td><td></td><td>4.5.6. Annual Report
(Available on the Institute Website)</td><td>Fully met</td></tr>
<tr><td></td><td></td><td>4.5.7. Frequently Asked Question (FAQs)
(Available on the Institute Website)</td><td>Fully met</td></tr>
<tr><td></td><td></td><td>4.5.8. Any other information such as
a) Citizen’s Charter
(Available on the Institute Website and displayed in the institute)</td><td>Fully met</td></tr>
<tr><td></td><td></td><td>b) Result Framework Document (RFD)</td><td></td></tr>
<tr><td></td><td></td><td>c) Six monthly reports on the</td><td></td></tr>
<tr><td></td><td></td><td>d) Performance against the benchmarks set in the Citizen’s Charter</td><td></td></tr>
<tr><td>4.6</td><td>Receipt & Disposal of RTI applications & appeals [F.No 1/6/2011-IR dt. 15.04.2013]</td><td>4.6.1. Details of applications received and disposed
(****Anexure-II, enclosed herewith the details of RTI for the current year.)</td><td>Fully met</td></tr>
<tr><td></td><td></td><td>4.6.2. Details of appeals received and orders issued
(****Anexure-II, enclosed herewith the details of RTI for the current year.)</td><td>Fully met</td></tr>
<tr><td>4.7</td><td>Replies to questions asked in the parliament [Section 4(1)(d)(2)]</td><td>4.7.1. Details of questions asked and replies given:

Details of questions asked and replies given (April 2023 to Mar 2024)

1.Parliament Question Dy No. *121 Skill Development among Farmers regarding
<table>
<tr><th>Year</th><th>Name of Skill Development Programme</th><th>Total Farmers</th></tr>
<tr><td>2020-21</td><td>Under AICRP-SCSP programme, Institute scientists visited 40 adopted MGMG village and distributed Technology Calendar containing technical information on Feeding and Management of livestock to 2500 beneficiaries.</td><td>2500</td></tr>
</table>
</td><td>Fully met</td></tr>
</table>

				Under SCSP programme of outreach project, scientists of the Institute visited Ragihalli village, Anekal and distributed cows mat to 30 livestock farmers. They have been trained for *mastitis management and clean milk production on using rubber mats.*	30	
			2021-22	Technical Work shop on *Livestock Management & Production*	50	
				Scientists of the Institute visited Lakshmidevipura and Nagenahalli villages, Doddaballapur and distributed concentrate mixture and identification tags along 15 farmers for 400 sheep. Farmers were given *technical know-how on sheep production*	15	
				Under SCSP programme, Institute scientists visited Kumkumahalli village at Tumkuru and created awareness regarding the feeding management for dairy cattle among 40 farmers. Fodder seeds (jowar) were distributed among the beneficiaries	40	
				A training program on "Climate Resilient Livestock Production" was conducted on 28 September 2021 at Gangasandra village, Doddaballapura Taluk, Karnataka. The event was attend by 35 Livestock farmers.	35	
				A training program on "Improved Fodder Production and Small Ruminant Farming" was conducted 29 September 2021 at Dharwad, Karnataka. The event was attend by 25 Livestock farmers.	25	
				A training program on "*Importance of Mineral Nutrition in Livestock*" was conducted 16 October 2021 at Kumkumnahalli, Tumkur district, as a part of World Food Day celebration. The event was attend by 25 Livestock farmers.	25	
				Technical Workshop on *Improved Methods of Small Ruminant Farming for higher Income*	125	
			2022-23	Training to SC farmers of Doddathandya village on *Scientific Feeding Practices in Dairy Animals* at ICAR_NIANP on 15.02.2023	20	
				Training to SC farmers of Anajwadidoddi village on *Scientific Feeding Practices in Dairy Animals* at ICAR_NIANP on 26.07.2023	26	
				Training cum Scientist farmer interaction on *Reproductive Management in Dairy Animals* to SC farmers at Chowksandra village on 31.10.2023	26	
				Training to SC farmers of Chowksandra village on *Scientific Feeding Practices in Dairy Animals* at ICAR_NIANP on 15.02.2023	27	
				Programme to sensitize the farmers and students about *preserving soil health* to commemorate the "World Soil Day" at Halenahalli village of Tumkur district on 5 December, 2022.	32	
				A technical talk was organised on "*Fodder Production*" for the livestock farmers at Doddamaralur village at Ramanagara District, Karnataka, and fodder seeds were	24	

				distributed among the 24 farmers.		
				Vegetable seed kits were distributed to 40 beneficiaries and a training program was conducted on "*Correction of Micronutrient Deficiencies and Raising Kitchen Gardens*" under the SCSP Programme at Anupanahalli and Timmanayakanahalli villages in Tumkur District on 22 September, 2022.	40	
				Fodder and vegetable seeds, and mastitis kits were distributed among 130 beneficiaries at the Gangasandra and S.Nagenahalli villages, Doddaballapura Taluk. The farmers were made aware about *clean milk production*	130	
				Distributed fodder seeds and given triaing on *silage making* to 15 farmers at Gangasandra village, Doddballapur Taluk on 18th August 2023 Farmers interactions for technology interventions follow up on *quality milk production* on 3rd and 10th August 2023 at Gangasandra and Karnala village, Doddballapur Taluk, Bangaluru Rural	15	
				Distributed seeds of multicut perennial jowar (variety: CoFS-31) and gave training on *silage making* in plastic drums to 15 beneficiaries at Rajanakunte village in Bangalore district on 7 July 2023.	15	
				The Institute organized milk can distribution programme for 80 dairy farmers at Doddathandya and AnajwadiDoddi, Kanakpura Taluk under the Developmental Action Plan for Scheduled Caste Sub Plan (DAPSC) Scheme on 16 June 2023.	80	
				Organized a "Livestock Fertility" Camp at Anajawadidoddi village, Kanakapura Taluk on 01 February 2023 under the SCSP programme. Over 30 dairy farmers presented their animals for *various reproductive health check-up*.	30	
				One-day farmers' training programme on "*Feeding and Fertility Management*" was organised under the SCSP programme on 15 February 2023. Twenty dairy farmers from the Doddathantya village of Kanakpura Taluk participated in the program.	20	
				Conducted a program at Gangasandra village of Bengaluru rural district on 17 January 2023 to sensitize the farmers about *the importance of correcting micronutrients deficiency in soil, crops and livestock.*	25	
				Distributed root slips of hybrid napierbajra to 20 farmers at Nagenahalli village in Bengaluru Rural District on 22-02-2023, and explained *the production practices to get higher green fodder yield.*	20	
				Distributed sheep mineral mixture to 50 sheep farmers belonging to SC community at Kaderanahalli village in Tumkur District on 14-03-2023, and explained the *importance of minerals in sheep nutrition*.	50	

	Distributed fodder seeds and gave training on *silage making* to 15 beneficiaries at Karnala village, Doddaballapur taluk in Bangalore Rural district on 19 May 2023.	15
	"*Animal Fertility Camp*" was organised and "Critical Nutrient Packets" developed by ICAR-NIANP was distributed to 42 dairy farmers at the AnajwadiDoddi and Doddanthya villages, Kanakapura Taluk, under SCSP programme.	42
	• Distributed the perennial jowar fodder seeds and explained the *production practices to get higher green fodder yield* to 15 farmers at Ragihalli village, Anekal taluk.	15

2. Rajya Sabha Question Dy. No. S 1386 regarding "Technological Advancement for farmers"

Sl. No.	Question	Reply
a.	Whether the Government has developed any new measures leveraging thetechnological advancements for the welfare of farmers	Yes. The institute has developed several nutritional, physiological and reproductive technologies and disseminated to farmers field which resulted in improved livestock production and enhanced the economic condition of farmers. Some potential technologies adopted by the livestock farmers and commercialized to feed industries are: **ReproFat Plus:** to increase the milk fat and milk yield **OmeB:** For enhancing total milk fat as well as fatty acid profiles of the milk **Area-Specific Mineral Mixture:** to enhance the fertility; milk quality and quantity **Sheep and Goat Mineral Mixture:** to improve immunity and growth rate. **Milk Replacer for Lamb**: for faster and higher growth **Fertimin Plus:** To enhance fertility and production
b.	If so, what are thedetails in this regard particularly related to issues like weather information, soil conditions and bank payments etc.	Through zinc biofortification of soil, green fodder (Maize, Jowar) production increased and on feeding this fodders to sheep a good economic returns have been obtained by the sheep farmers of Karnataka

		State.
c.	What are the new technologicalinitiatives for resolving grievances of farmers?	Decreased fertility, delayed puberty, low milk fat and milk yield, lower availability of green fodders are some of the major grievances received from the livestock farmers. The institute has been working on these farmers grievances to resolves these issues. As mentioned above, some feed supplements are working well to resolve the issues of low fertility, delayed puberty and low milk fat at field level.

3. Rajya Sabha Question Dy. No. S 1411 regarding "Women in agricultural institutes or training centers"

Sl. No.	Question	Reply
a.	The total number of women enrolled in various agricultural institutes or training centers in the country, during each of past three years and the current year	--
b.	Whether there are efforts being made to increase the enrolment of women in such institutesand promote their participation in agricultural education and training, details thereof;	NIL
c.	The total funds allocated, disbursed and utilized specifically for the skill development programs targeting women in agriculture in the past five years, details thereof;	--
d.	The initiative or programs being undertaken by the government to increase women participation in agricultural value chains and provide them with opportunities for skill upgradation and access to higher-value agricultural activities, details thereof;	NIL

1. Lok Sabha Starred Diary No. 49l due for 19.7.2022 regarding Shortage of straw Fodder

Sl. No.	Question	Reply
(a)	Whether the Government is aware that the farmers are facing shortage of straw fodder this year and rate thereof has rapidly reached Rs.l7-20 Per Kilogram	As per estimate on Feed Resources Database, there is 10-12% shortage of dry fodder throughout the country.
(b)	If so, whether the Government proposes to provide financial assistance to the farmers to provide fodder to the farmers	ICAR-NIANP has been working to promote the fodder cultivation in the

			villages for livestock feeding under different projects
(c)	If so, the details thereof		Efforts have been made by this institute for fodder development and alternate feed resources for dry fodders and green fodders for livestock ➢ Evaluation of grain sprouts as fodder for livestock ➢ Micronutrient (zinc)-enriched fodder (maize and jowar): Soil fortification with zinc resulted in increased zinc content in fodders as well as higher biomass yield. ➢ Utility of drought tolerant crops like perennial jowar and multi-cut bajra demonstrated in several agro-climatic zones (Karnataka, AP, Odisha & TN) ➢ Effective utilization of fruit residues like pineapple and jack demonstrated and propagated in Karnataka. ➢ Popularization of fodder trees like Sesbania, and Melia in Karnataka and Odisha ➢ Areca sheath as an alternate dry fodder for lactating animals.

2. Rajya Sabha Question D.No. U212 regarding "Support for weaker communities in Karnataka"

Sl. No.	Question	Reply
(a)	whether Government has instituted any organisation/nodal agency to provide and coordinate science and technology (S&T) support to rural and weaker communities in the State of Karnataka;	-

(b)	if so, the details thereof;	-
(c)	the amount allocated and spent during each of the last three years for application of S&T for the weaker sections in the country;	-
(d)	whether Government has taken steps to motivate scientists and research fellows for applying knowledge for the promotion of weaker communities; and	Yes. Through SCSP, MGMG and Farmers First and AICRP Programme, the institute scientists are regularly demonstrating the developed technologies to poor farmers for improving the livestock production.
(e)	if so, the initiatives taken by Government in this regard so far?	ICAR started the above programme to the institute for livestock farmers

3. Notice of Lok Sabha Question Dy.No. 4894 for 26/07/2022

Research and Development in the Agriculture sector

SL. No.	Question	Reply
(a)	whether the Government has set any priority regarding research and development in the agriculture sector for the next ten years;	The institute has set the priority research areas under the **Vision 2047**. The Institute is committed to work on basic and fundamental aspects of animal nutrition and physiology and to come out with information that would form the basis for enhancing animal productivity and production to meet the challenges of improving farmers' economy, animal wealth and nutritional demands of the increasing human population.
(b)	if so, the details of the areas of priority under the said schemes; and	**Cutting edge research areas to improve visibility:** o Explore newer and alternate feed resource o Develop feeding modules for different production stages (smart feeding) o Nutrient recycling (soil-plant-animal)

					o Increasing production intensity through genomic approaches o Deconstruction of ligno-cellulosic biomass through gut manipulation for improved bioavailability of nutrients o Mining plant derived feed additives for developing nutraceuticals o Reducing greenhouse gases and environmental pollutants from animal farming (using life cycle assessment methodology) o Developing physiological and nutritional strategies for combating stress o Nutrient gene interactions for various physiological functions o Modulating the rumen metagenome for better nutrient utilization o Identifying water efficient crop-livestock systems like hydroponics for fodder production to promote environmentally sustainable vertical fodder production. o Epigenetics-modulating gene expression o Gene silencing o Nanoscience for nutrient delivery o Molecular markers for nutritional and physiological status		
			(c)	the manner in which the benefits of such research and development in agricultural sector are proposed to be given to the farmers?	The institute has already developed several products with market readiness and anticipated changes in the livestock sector to make a future ready India: ➢ 'HARIT DHARA' as an anti-methanogenic feed supplement to reduce enteric methane from animal ➢ 'REPROFAT PLUS' for improving fertility and milk quality ➢ 'REPROVARDHAK' for improving fertility ➢ 'AB-FREE', a phytogenic blend as an alternate of antibiotic growth promoter for poultry birds ➢ Identification of superior cattle and buffalo bulls using transcriptomes chips for improving fertility		

		➢ Sexing of semen and embryo in large as well as small ruminants ➢ "BUFASOL" and 'YOLK-FREE EXTENDER' an efficient semen extenders for cryo-preservation of semen ➢ Nutraceutical and feed additives for better gut health and thus sustainable animal diets All the priority areas have aimed at for enhancing animal productivity and production to meet the challenges of improving farmers' economy.

4. Lok Sabha Unstarred Question Diary No. 4322 regarding "Fodder for Livestock"

Sl. No.	Question	Reply
(a)	whether it has come to the notice of the Government that since the organic waste from farming contains protein, energy and various nutraceuticals, it can be mixed with other supplements and fed to cattle and other animals to maintain their health and vigour, and Biomass generated from agriculture can be used as fodder for livestock; and	The institute has been working on **Biomass generated from agricultureused for livestock Feeds**
(b)	if so, the details of the initiatives taken/being taken by the Government in this regard?	O Developed technology for production of Nutraceuticals – Prebiotics (Xylooligosaccharides) from different agricultural and horticultural wastes (corn cobs, corn husk, sugarcane bagasse, pigeon pea, bajra straw, finger millet straw, coconut pit, guar seed, cotton stalk etc.) by devising suitable methods of extractions. These nutraceuticals have been evaluated in poultry for better gut health. O Developed processing technology for efficient utilization of horticultural by-product, Pineapple fruit residue by ensiling. O Biotechnological and Solid State Fermentation technology have been used for improving the

				nutritive value of crop residues in animals. o Using paddy straw as bedding materials to enhance water holding capacity for production of Hydroponic green fodder o Nutritional evaluation of cereal by-products of biofortified cereals crops. o Coarse cereals crop residues (finger millet straw, sunflower head) have been incorporated in complete feeds and has been evaluated in milking animals. o Caster seed cake, copra cake, safflower cake cotton seed cake have been identified as natural by-pass protein sources for feeding of high yielding lactating cows and buffaloes. o Work is also going on using agricultural by-products to mitigate enteric methane emission from animals and improving the nitrogen use efficiency.	

5. Reply to the LOK SABHA Unstarred Question no 1099, due for answer on 19th July 2022

Query a) Whether the Government is aware that dairy farming contributes 16% of India's greenhouse gas (GHG) emissions, of which ruminant belching and animal waste make up to 95%, if so, the details thereof

Reply: Government is aware about the various components which contribute to the greenhouse gas emissions from the dairy sector. Enteric fermentation (belching) is one of the important components for the major emission of methane, one of the important greenhouse gases from the livestock sector. All the estimates for enteric methane emission from the Indian livestock were based on the IPCC based tier 1/tier 2 methodology, which is not very accurate in Indian scenario. Therefore, the Government of India through Indian Council of Agricultural Research (ICAR) has funded a project on 'Estimation of Methane Emissions under Different Feeding Systems and Development of Mitigation Strategies' since 2007 and the project is implemented at the various centrescentres (Karnataka, Tamil Nadu, Gujarat, Rajasthan, Punjab, Maharashtra, Uttar Pradesh, and Haryana) in the country. One of the major aims of the project was to assess the state and species wise emission of enteric methane from Indian livestock. This recent estimate revealed that Indian livestock annually emit about 9.25 Tg (Teragram) of enteric methane; wherein, cattle and buffaloes produce 56 and 29% of the total enteric methane emission. The contribution of small ruminants such as sheep and goats is about 15%; however, other species such as camel, yak, mithun, pig etc. contribute negligible to the overall methane

emission. The annual enteric methane emission from the Indian livestock remains persistent over the years within the 10-11% of global enteric methane emission.

No systematic assessment for the manure methane and nitrous oxide emissions is available in the country; nevertheless, the methane emission from the animal manure system is estimated to be 0.1 Tg per year. Nitrous oxide does not emit from the animal as such and whatever emission takes place is from manure only. The nitrous oxide emission from the manure system in India is estimated to be 0.99 giga gram (Gg).

Query b) Whether the Government propose to encourage the consumption of plant-based alternatives to dairy to reduce the carbon footprint of the dairy industry, if so, the details thereof

Reply: Indian Council of Agricultural Research (ICAR) has developed various phyto-based anti-methanogenic productsand technologies, which were tested in small and large ruminants at the organized farm as well as in field conditions. HaritDhara, Tamarin Plus, Tropical tree leaves (Neem, Banyan, Jamun, Jackfruit, Som), AviBattika and seaweeds are some of the phyto-based products/technologies developed by the ICAR. The inclusion of these phyto-based anti-methanogenic products/technologies in the diet of cattle, buffalo and sheep led to a reduction of 17-20% in daily enteric methane emission. Ministry of Fisheries, Animal Husbandry and Dairying issued advisory to the State Animal Husbandry Secretary to adopt the use of HaritDhara and Tamarin Plus for the inclusion in diet and few of the above phyto-based anti-methanogenic products have already been licensed for the commercial production by various companies.

Query c) Whether the government has factored emissions from the dairy industry into meeting its commitments under various international protocols

Query d) if so, the details thereof and if not, the reasons therefor

6. Lok Sabha Question D.No. 4323 regarding "Increase in Milk Production"

Sl. No.	Question	Reply
(a)	whether the Government agrees with the view that together with increasing the milk yield of dairy animals, interventions are required to mitigate the adverse impact of future climate warming	Government is aware about the various components which contribute to the greenhouse gas emissions from the dairy sector which cause climate warming and thus interventions are required to mitigate this enteric methane emission from animals.

		(b)	if so, the measures proposed to be taken by the Government in this regard and if not, the reasons thereof and ;	The Government of India through Indian Council of Agricultural Research (ICAR) has funded a project on 'Estimation of Methane Emissions under Different Feeding Systems and Development of Mitigation Strategies' since 2007 and the project is implemented at the various centres (Karnataka, Tamil Nadu, Gujarat, Rajasthan, Punjab, Maharashtra, Uttar Pradesh, and Haryana) in the country. One of the major aims of the project was to assess the state and species wise emission of enteric methane from Indian livestock. This recent estimate revealed that Indian livestock annually emit about 9.25 Tg (Teragram) of enteric methane. Indian Council of Agricultural Research (ICAR) has developed various phyto-based anti-methanogenic productsand technologies, which were tested in small and large ruminants at the organized farm as well as in field conditions. HaritDhara, Tamarin Plus, Tropical tree leaves (Neem, Banyan, Jamun, Jackfruit, Som), AviBattika and seaweeds are some of the phyto-based products/technologies developed by the ICAR. The inclusion of these phyto-based anti-methanogenic products/technologies in the diet of cattle, buffalo and sheep led to a reduction of 17-20% in daily enteric methane emission. Ministry of Fisheries, Animal Husbandry and Dairying issued advisory to the State Animal Husbandry Secretary to adopt the use of HaritDhara and Tamarin Plus for the inclusion in diet and few of the above phyto-based anti-methanogenic products have already been licensed for the commercial production by various companies. These green feed supplements will help to mitigate the adverse impact of future climate warming.		
		(c)	the efforts made/being made by the Government to increase productivity potential of indigenous bovine population and quality milk production?	-		
		7. Rajya Sabha Question regarding "Funds for ongoing/pending projects"				

		Sl. No.	Question	Reply	
		(a)	The details of amount allocated and spent by Government for ongoing/pending projects for farmers across the country during the last three years and the current year, State/UT wise;	The farmers' oriented project on Farmers First Project in the state of Karnataka is running in the institute. The amount spent: 2018-19: Rs. 21.32 lakhs 2019-20: Rs. 15.19 lakhs 2020-21: Rs. 15.39 lakhs 2021-22: Rs. 17.00 lakhs	
		(b)	Whether the Government has taken any effective steps so far for doubling the income of farmers	The above project is mainly targeted to doubling the farmers income through different technological interventions	
		(c)	If so, details thereof;	The institute started Farmers First Project (FFP) from November 2016 in a cluster of villages consisting of 500 households of Doddaballapura taluk, Bangalore Rural, Karnataka. The multidisciplinary team of scientists collected the baseline data pertaining to livestock rearing, crop and horticulture production; their annual income and problems faced in livestock and agricultural practices. Five technological modules – crop based, horticulture based, livestock based, NRM based, enterprise based modules adopted in the villages for increasing the farmers income along with awareness programmes on integrated farming system, capacity building program es, extension activities and training of SHGs in the villages. ***Crop based Module:*** Two improved varieties of Ragi variety ML 365 and Red gram variety BRG 5 were introduced and covered 164 hectare of cultivation. The varieties performed much better than local varieties and resulted in 17-39% increase in crop yield. ***Horticulture based Module:*** HYV's of tomato (ArkaRakshak), beans (Arka Arjun), ridge gourd (ArkaPrasanna), Okra (ArkaAnamika&Arka Nikita), spinach (ArkaAnupama), chilly (ArkaKyathi&ArkaHarita), bottle gourd (ArkaBahar) and	

					drumstick (PKM1) were introduced covering 6.75 hectare cultivation involving 27 farmers families. On an average, there was 70% of increase in the net returns of farmers' income. ***Livestock based Module:*** Under this module, animal health and fertility management, mineral nutrition, lameness and mastitis management, quality milk production and fodder production and conservation technologies adopted in the villages covering 550 farmers families which resulted in substantial improvement in animal health, fertility and milk production resulted in increased income of farmers. ***NRM based module:*** The technologies demonstrated were soil testing and soil health card distribution, soil and water conservation and pond fish culture for increased income and quality proteins for households. 62 farmers covering 12ha agricultural cultivable land got benefited. Waste management technology was transferred among women for preparing organic manure through waste decomposition. ***Enterprise based Module:*** The module was introduced to empower rural inhabitants economically and to reduce the drudgery faced while milking and also an employment opportunity for youth. 70 farmers were given mushroom cultivation training and out of which 49 families are practicing mushroom cultivation with annual economic returns of Rs. 25200. Door step delivery services of milking machine were given by rural youth which helped to economically empowered the youths in the villages. Apart from that, several capacity building programmes and extension activities were conducted on various aspects.	
			(d)	whether the data of beneficiary farmers has been collected; and	Yes	
			(e)	if so, details thereof, State/UT wise	The data of 500 beneficiary farmers of Karnataka state has been collected. The details of 100 farmers' income on technological interventions have also been compiled and	

		submitted to the council for further compilation of 75000 farmers' document on doubling farmers' income across the country.

8. Rajya Sabha Question regarding "Funds for ongoing/pending projects"

Sl. No.	Question	Reply
(a)	the details of number and percentage of small and marginal farmers in the country, State/UT-wise including Uttar Pradesh;	Small and Marginal farmers in the country: 10-14crore and 82-85% Karnataka State Small and Marginal farmers: 80 lakhs and 80.41%
(b)	whether any low cost effective technique has been developed by the Agriculture Research Institutes(ARIs) for small land holdings in the country;	Yes.
(c)	if so, the details thereof;	O Silage making in portable plastic drum for green fodd conservation O Silage making from horticulture waste such pineapple fru residues for lactating animals feeding O Cost-effective mineral supplements: Area-specific Miner Mixture, Mineral mixture for small ruminants O Catalytic feed supplements for increasing milk fat and milk yie as well as fertility of animals
(d)	the details of the steps taken/being taken by the Government for providing such technique and assistance to the small and marginal farmers; and	Under SCSP, MGMG and AICRP programmes, this technologies have been provided to small and marginal farmers to improve the livestock productivity
(e)	the measure being taken by the Government to make small land holdings more feasible?	-

9. Lok Sabha Question Dy. No. 8135 regarding "Funds allocation & Utilization for R&D"

Sl. No.	Question	Reply
(a)	the details of funds allocated and utilized for research and Development in agriculture – either through ICAR or	**ICAR-NIANP: Funds allocated and utilized through ICAR (2021-22) for R&D:** Funds allocated: Rs. 876.78 lakhs

			through promotion of Start-ups	Funds utilized : Rs. 865.78 lakhs	
		(b)	The steps that the Government has undertaken to develop conducive ecosystem and to ensure that the technological solutions developed are effectively and efficiently introduced on-ground, considering small holdings amongst most farmers and their unfamiliarity with technology	Steps taken for technology demonstration, adoption and dissemination amongst the livestock farmers are: o Participatory Rural Appraisal (PRA) o Establishment of a Village Resource Centre (VRC) o Content Mobilization o Identification of suitable technology or combination of technologies for different resource levels and management capacity of farmers o Awareness campaign and capacity building o Introduction of Technological Interventions o Onsite input production and management o Establishing Linkages among the State Milk Federation, State Animal Husbandry Department, input agencies, NGOs, other IACR Institutes, private partners and other stakeholders o Regular interaction meetings	
		(c)	Whether it is a fact that the Government has entered into agreements with international companies to promote AI-enabled agriculture in the country and if so, the details thereof along with list of data categories that the Government has consented to share with the private entity/entities;	--	
		(d)	the details of measures has the Government taken to ensure that farmers are trained and equipped well enough to understand the complexities of the data-driven agriculture; and	o Regular interaction meetings with farmers and awareness programmes are conducted o Identifying a few farmers and farm innovators and groom them as Technology Agents so that they become the contact points in the villages and facilitate in follow up of interventions o Technology Assemblage, Application and Feedback: The technology interventions are decided in participatory mode with involvement of multi-stakeholders and are planned and scheduled in such a manner so that each intervention is monitored regularly by the scientists and other staffs once in a week. o For technology assessment, regular feedback based on the farmers perception and their economic feasibility and outputs	

		of each intervention are carried out. o Several extension materials such as technology brochures, video and audio documentaries, technology calendars are developed and distributed to farmers. o Regular scientist-farmers interface are organized and it is covered in local media, radio and Doordarshan. o Technologies are also disseminated through exhibitions, farmer meets and Krishimelas. o Hands on trainings, awareness workshops on various aspects of livestock rearing are organized.
(e)	The other specific measures the Government is undertaking to accomplish its prime target of doubling farmers' income?	o Improving fertility of animals by managing anoestrus, repeat breeding and delayed puberty which have tremendous impact in doubling farmers' income.

10.Lok Sabha Question Dy. No. 8336 regarding "Research & Development in Agriculture"

Sl. No.	Question	Reply
(a)	whether the Ministry is laying greater emphasis on Research and Development (R&D) in agricultural production	Yes
(b)	If so, the programme prepared for different States in that direction	**Programme prepared by ICAR-NIANP for Karnataka State and fe the country:** o Deconstruction of Lignocellulosic Biomass for Improvir Feed Utilization o Biogeography of Gut Microbes in Animals o Novel Approaches for Assessing and Improving Nutrier Bioavailability, Animal Reproduction and Productivity o Feed Informatics, Feed quality & safety and value addition o Climate Change Impact on Livestock o Technology translation to connect discovery wit application
(c)	the details of the education and training proposed to be provided to the farmers to acquire knowledge and training to promote agriculture in different states?	**Karnataka State:** o Silage making in portable plastic drum for green fodd conservation o Ration balancing for lactating animals and small ruminants o Fodder cultivation with improved varieties of fodder crop

		and tree fodders o Health camps for deworming and vaccination as well as heat detection and fertility management o Mastitis and lameness management o Use of milking machine o Awareness programmes, workshop and hands on training on different nutritional and management technologies

11. Lok Sabha Question Dy. No. 8308 regarding "Research Institutes for Agricultural Growth"

Sl. No.	Question	Reply
(a)	whether the Government has failed to develop Research Institutes /organizations for the growth of agriculture sector and if so , details thereof, and the corrective steps taken in this regard	--
(b)	the details of projects implemented under the auspices of the Indian Council of Agricultural Research (ICAR) in the States of Tamil Nadu and Maharashtra during each of last three yeans and the current year;	Projects implemented in the States of Tamil Nadu and Maharashtra Tamil Nadu: TANUVAS, Chennai Maharashtra: BAIF, Pune o **All India Coordinated Research Project** on Nutritional ar physiological interventions for enhancing reproductiv performance in animals o **Outreach Programme** on Estimation of methane emissio under different feeding systems and development mitigation strategies
(c)	whether ICAR has enough infrastructure and expertise to meet the demand of the agricultural sector and if so, details thereof;	Yes.
(d)	the achievements made by ICAR to increase agricultural production in country;	**Achievements to increase livestock production:** **Technology developed in the following areas for livestock production:** • Technology for milk, meat and egg production • For improving fertility in animals • Climate resilient livestock production system

				• Designer products o The feed resources availability for ruminants, poultry and pigs as per the recent census at national level in terms of crop residues, green fodder and concentrates was estimated to be 412, 1029 and 125 million tons. o Several newer/non-conventional feed resources identified and nutritionally evaluated to enhance the feed resources availability o Introduced improved varieties of fodders to increase the green fodder availability o Developed catalytic feed supplements to increase the production of milk and milk quality as well as to enhance the fertility of animals o Developed cost-effective and environment-friendly mineral supplements (area-specific mineral mixture, chelated and nano minerals) to improve the production of milk and milk quality as well as fertility in lactating cows and buffaloes. o Developed plant based anti-methanogenic feed supplements to reduce the enteric methane emission. HARIT DHARA such that anti-methanogenic feed supplement has been commercialized for large scale adoption of technology. This green feed supplement could help to reduce the enteric methane emission from animals thus to restore the environment. o Developed ration balancing tools for lactating animals o Pineapple fruit residue based silage for increasing Milk Yield and Quality (Fat, SNF) in lactating cows o As a replacement of antibiotic, phytogenic blend developed for antibiotic growth promoter in poultry production. o Modulation of GnRH and VIP production to enhance broiler meat and layer egg production. o An expert system for computation of balanced ration for dairy animals o A mobile application of Feed Assist developed for farmers use o Developed technology for producing more female offspring	

			through semen and embryo sexing o Transcriptome based chips developed for selecting fertile bull for semen production. o Semen extender – BUFASOL developed for cryopreservation of buffalo semen o Egg-yolk free semen extender developed for cryopreservation of semen o As a replacement of hormone, a hormone analogue-REPROVARDHAK has developed to induce estrus and thus to enhance fertility in sheep
	(e)	whether there is a shortage of agricultural scientists in various research institutes and a large number of posts of agricultural scientists are lying vacant for several years in various States including Tamil Nadu and Maharashtra; and	--
	(f)	if so, the steps taken by the Government to fill up these vacant posts ?	--

12.Rajya Sabha Question regarding "Funds for ongoing/pending projects"

Sl. No.	Question	Reply
(a)	Whether agriculture research centres and development institutes are working for the development of agriculture	Yes.
(b)	If so, details thereof;	The institute has been working on the development of livestoc production considering the following major aspects: o Improving milk, meat and egg production o Enhancing fertility of animals o Developing climate resilient livestock production system o Developing designer animal products
(c)	Whether the said agriculture research centres and development institutes have undertaken agriculture development works during the last three years, if so,	Keeping in mind the above aspects, the institute has been workir on the following research areas: ➢ Identifying and nutritionally evaluating the newer/no conventional feed resources to enhance the feed resourc

				details thereof and	availability for livestock population of the country. ➢ Introduced improved varieties of fodder crops for enhancing the green fodder availability to animals. ➢ Developing catalytic feed supplements with critical nutrients for increasing milk production and milk quality ➢ Developing cost-effective and environment-friendly mineral supplements to improve milk production and milk quality as well as to enhance fertility and health status in animals ➢ Developed ration balancing tools for lactating animals which resulted in increased milk production and in improved post-partum fertility ➢ Nutritional supplements: RaproFat Plus, Mineral supplements, critical nutrients supplements enhanced the fertility of lactating animals by 60-70% which are useful in improving the milk production ➢ Developed hormone analogue-REPROVARDHAK to induce estrus in animals without any side effects. ➢ Developed BUFASOL for cryopreservation of buffalo semen ➢ Developed technology for producing more female offsring through semen and embryo sexing ➢ Developed green feed supplement-HARIT DHARA and TAMARIN PLUS to reduce the enteric methane emission from animals ➢ Identified the climate resilient goat breeds to maintain meat and milk production under climate change scenario. ➢ Improving Broiler meat production through manipulation of GnRH production ➢ Developing low cholesterol eggs and omeg-3- enriched broiler meat for human health	
			(d)	The extent to which growth in agricultural sector was achieved by the said development works	❖ Technologies such as Area-Specific Mineral Mixture, Sheep and Goat mineral Mixture, Green feed supplement-HARIT DHARA have been commercialized to several firms for large scale adoption for livestock feeding which could have greater impact in growth of livestock production. ❖ The impact of one such technology, Area-Specific Mineral Mixture in the state of Karnataka estimated to be more than 400 crore through the technology adopted by the Karnataka Milk Federation alone. ❖ Through Farmers First Programme, the income of agriculture	

		and livestock farmers have improved by 59-96% through various technological interventions.

13.Lok Sabha Question No. 2816 on Research Facilities to Young Scientists

Question	Reply
(a) whether Public Funded Research Institutions and companies in the private sector are providing research facilities to young scientists to carry out scientific innovation work;	Yes.
(b) if so, the number of young scientists benefitted during each of the last three years and the current year;	

Number of young scientists benefitted during each of the last three years and the current year

2019	2020	2022	2022 (Till Date)
04	-	01	03

14. Rajya Sabha Starred /Unstarred Diary No.- U3220: "Increase in feed cost"

Sl. No.	Question	Reply
(a)	Whether there has been an increase in the feed cost in the past five years;	Yes
(b)	If so, details thereof.	Livestock feeds are prepared from agricultural commodities and their by-products and hence, the feed cost depends on agricultural crop production and its prices. As the prices of agricultural commodities have increased, the livestock feed cost has also been increased.
(c)	whether the government has taken any steps to reduce the feed cost; and	Yes.
(d)	if so; the details thereof?	**Research undertaken to reduce the feed cost:** o Several newer/non-conventional feed resources identifie and nutritionally evaluated to incorporate in livestock feed o Coarse cereals crop residues (finger millet straw, sunflow head) have been incorporated in complete feeds and ha

		been evaluated in milking animals. o Caster seed cake, copra cake, safflower cake cotton seed cake have been identified as natural by-pass protein sources as a replacement traditional protein sources like groundnut cake and soybean cake of for feeding of high yielding lactating cows and buffaloes. o Precision feeding to reduce the protein percentage in lactating animals o Introduced improved varieties of fodders to reduce the concentrate feeds for animal feeding o Developed cost-effective and environment-friendly mineral supplement, area-specific mineral mixture to reduce the cost of mineral supplements o Developed plant based anti-methanogenic feed supplement, HARIT DHARA and Tamarin Plus to reduce the enteric methane emission and simultaneously to reduce feed cost by improving the availability of biological energy for production o Developed ration balancing tools for judicious use of feed ingredients in preparing the livestock feeds o Pineapple fruit residue based silage for increasing Milk Yield and Quality (Fat, SNF) in lactating cows to reduce the concentrate feeds

15.Rajya Sabha Question regarding "Adoption of Innovation and Technology in the farming sector"

Sl. No.	Question	Reply
(a)	whether Government has taken any measures to encourage use of technology and innovation and spread its awareness in the farming sector and whether awareness meetings/seminar/camps are held frequently in each and every rural area	Yes. Under SCSP, MGMG, Farmers First Project (FFP) and AICR programmes, as well as institute's extension division institu developed technologies disseminated and adopted in the villages f improving the livestock productivity of small and marginal farmers.

	of the country, if so, details thereof, if not, reasons therefor, State-wise;	
(b)	the measures taken by Government to incentivize 'Make in India' innovation in farming technology, the details of grants given by Government for farming-related technology in last three years; and	NIL. However, by commercializing the developed technologies, institute is indirectly helping the feed manufacturing firms in 'Make in India' programme.
(c)	the details of technology in current use and amount of subsidy given by Government for adoption of new technology by farmers, especially to small farmers?	The following technologies have been successfully adopted in different rural villages of Karnataka: O Silage making in portable plastic drum for green fodder conservation O Silage making from horticulture waste such pineapple fruit residues for lactating animals feeding O Cost-effective mineral supplements: ➢ Area-specific Mineral Mixture ➢ Mineral mixture for small ruminants O Catalytic feed supplements for increasing milk fat and milk yield as well as fertility of animals O Nutritional packages for improving fertility and thus enhancing milk production. Current use of Technology: 1. Area-Specific Mineral Mixture in Karnataka State 2. Mineral mixture for small ruminants (Sheep & Goat) 3. HaritDhara for all states

16. Rajya Sabha Starred /Unstarred Diary No.- U643: "GST"

Sl. No.	Question	Reply
(a)	the equipment-wise data on GST levied on tools used for scientific research as of November 2022;	
(b)	whether the increased GST on technical tools would negatively impact investment in research and development in public research institutes;	Yes, the GST on instrument and equipment is negatively impact in investment in research

(c)	if so, the details thereof;	Higher GST on purchasing and maintenance of equipment and instruments resulted in higher escalation of total price. As there is already budget cut, this higher GST negatively affect the purchasing and AMC of instruments.
(d)	whether the aforementioned increase, coupled with an increase in customs duty from 2 per cent to 30 per cent (implying a 43 per cent approx. increase in costs) is demotivating for the research community and against the vision of rapid scientific development of the center;	Same as no. (c)
(e)	if so, reasons thereof; and	
(f)	if not, reasons therefor?	

17. Rajya Sabha Starred /Unstarred Diary No.-438: "Climate & Livestock feeding"

Sl. No.	Question	Reply
(a)	Whether Government agrees with the view that along with the increasing the milk yield of dairy animals, interventions are required to mitigate the adverse impact of future climate warming	Yes
(b)	If so, the measures proposed to be taken by the Government in this regard	❖ Develop anti-methanogenic Fee supplements to reduce the enter methane emission from livestock ❖ Ration balancing to reduce enter methane emission
(c)	If not, reasons thereof	

18. Rajya Sabha Question No. Rajya Sabha U913 RS dated 15/12/2022

Technology development & Women in Science

Question	Reply
(a) the details of the works proposed for technological development during the last five years;	The institute is working in the following major programmes for developing technologies for improving reproduction and production in animals: A. Deconstruction of lingo-cellulosic biomass for

	improving feed utilization B. Biogeography of gut microbes in animals C. Novel approaches for assessing and improving nutrient bioavailability, animal reproduction and productivity D. Feed informatics, feed quality and safety and value addition E. Climate change impact on livestock F. Technology translation to connect discovery with application
(b) the State-wise details of funds allocated for the said purpose; and	Karnataka State for Institute budget: Rs. 23crores
(c) the steps being taken by Government to promote the role of women in the field of science?	Women empower is used in disseminating and adopting technologies through the following programmes/projects at farmers field: o MGMG Programme o SCSP programme o Farmers First Project o AICRP o SHG

19. Rajya Sabha Starred /Unstarred Diary No.-2194: "Research to mitigate climate change"

Sl. No.	Question	Reply
(c)	whether Government has allocated necessary funds to undertake region specific agricultural research to mitigate and adapt climate change phenomena; and	Yes. Rs. 60.00 lakhs The institute has been doing research fo reducing methane emission from animals the following states and areas: Northern State: Punjab and Rajasthan Western State: Gujarat Southern State: Karnataka and Tamil Nadu

		❖ Developed anti-methanogenic Feed supplements to reduce the enteric methane emission from livestock. ❖ Ration balancing to reduce enteric methane emission
(d)	if so, the details thereof and the reasons therefor?	The ICAR, New Delhi has initiated an outreach project on "Estimation of methane emissions under different feeding systems and development of mitigation strategies". Five centres in the above mentioned states are actively engaged in conducting research for the fulfilment of objectives. Different feeding modules developed by the centres which could reduce the enteric methane emission by 20-40% from animals.

20. Notice of Lok Sabha Question Dy.No. 2284 for 20/12/2022

Innovation and New Technologies in Farm Sector

SL. No.	Question	Reply
(a)	The details of the initiatives taken by the Government for innovation/development of new technologies in the farm sector across the country during each of the last three years and the current year	O Developing technologies for improving fertility in male and female animals O Developing climate resilient livestock production system by developing ant-methanogenic feed supplements to reduce the enteric methane emission from animals O Developing physiological and nutritional strategies for combating stress O Sexing embryo by studying molecular mechanism involved during embryogenesis O Developing chelated/Nano/Encapsulated technologies for improving bioavailability of trace minerals O Nutraceutical and feed additives for better gut health and thus sustainable animal diets O Developing nutritional packages for enhancing fertility in heifers and lactating cows O Preparing silage in portable plastic drum

		o Azolla cultivation at farm level
(b)	whether the Government has developed any mechanism to disseminate information about such innovation/technologies to the farmers during the said period;	Mechanism for technology demonstration, adoption and dissemination amongst the livestock farmers are: o Participatory Rural Appraisal (PRA) o Establishment of a Village Resource Centre (VRC) o Content Mobilization o Identification of suitable technology or combination of technologies for different resource levels and management capacity of farmers o Awareness campaign and capacity building o Introduction of Technological Interventions o Onsite input production and management o Establishing Linkages among the State Milk Federation, State Animal Husbandry Department, input agencies, NGOs, other IACR Institutes, private partners and other stakeholders o Regular interaction meetings
(c)	if so, the details thereof along with the number of farmers who availed benefits from such innovation/technologies during the said period;	Nutritional packages: 40 farmers with benefit of 40000/animal/lactation in lactating cows Plastic drum silage: 75 farmers got benefitted Azolla cultivation: 80 farmers got benefitted Apart from that by commercialization of technologies such as HaritDhara, Area-Specific Mineral Mixture, Sheep and Goat Mineral Mixture to different firms, thousands of livestock farmers got benefitted through the developed technologies.
(d)	the salient features of Kisan portal and its advantages to the fanners along with the number of farmers benefitted from such portal since inception: and	--
(e)	the other steps taken/being taken by the Government in this regard?	--

21. Lok Sabha Question Dy. No. 1948 regarding "R&D"

Sl. No.	Question	Reply
(a)	whether Government is laying greater emphasis on Research and Development in agricultural production	Yes

		(b)	if so, the programme prepared for different states in that direction; and	o Explore newer and alternate feed resource o Develop feeding modules for different production stages (smart feeding) o Nutrient recycling (soil-plant-animal) o Increasing production intensity through genomic approaches o Deconstruction of ligno-cellulosic biomass through gut manipulation for improved bioavailability of nutrients o Mining plant derived feed additives for developing nutraceuticals o Reducing greenhouse gases and environmental pollutants from animal farming (using life cycle assessment methodology) o Developing physiological and nutritional strategies for combating stress o Nutrient gene interactions for various physiological functions o Modulating the rumen metagenome for better nutrient utilization o Identifying water efficient crop-livestock systems like hydroponics for fodder production to promote environmentally sustainable vertical fodder production. o Epigenetics-modulating gene expression o Gene silencing o Nanoscience for nutrient delivery o Molecular markers for nutritional and physiological status	
		(c)	the details of the education and training proposed to be provided to the farmers to acquire knowledge and training to promote agriculture in different States?	o Regular interaction meetings with farmers and awareness programmes are conducted o Identifying a few farmers and farm innovators and groom them as Technology Agents so that they become the contact points in the villages and facilitate in follow up of interventions o Technology Assemblage, Application and Feedback: The technology interventions are decided in participatory mode with involvement of multi-stakeholders and are planned and scheduled in such a manner so that each intervention is monitored regularly by the scientists and other staffs once in a week. o For technology assessment, regular feedback based on the farmers perception and their economic feasibility and outputs of each intervention are carried out.	

		o Several extension materials such as technology brochures, video and audio documentaries, technology calendars are developed and distributed to farmers. o Regular scientist-farmers interface are organized and it is covered in local media, radio and Doordarshan. o Technologies are also disseminated through exhibitions, farmer meets and krishimelas. o Hands on trainings, awareness workshops on various aspects of livestock rearing are organized.
(e)	The other specific measures the Government is undertaking to accomplish its prime target of doubling farmers' income?	o Improving fertility of animals by managing anoestrus, repeat breeding and delayed puberty which have tremendous impact in doubling farmers' income.

22. Rajya Sabha Question Dy. No. S4751 on "Use of technical knowledge to the well-being of the nation"

SL. No.	Question	Reply
(a)	**whether Government noticed that the overall growth in the sector of Science and Technology has not been imparted to core sectors like agriculture, preservation of water etc.,**	--
(b)	**if so, the steps being taken to comprehensive distribution of technical knowledge to the common man for the wellbeing of the nation; and**	Steps taken for technology demonstration, adoption ar dissemination amongst the livestock farmers are: o Participatory Rural Appraisal (PRA) o Establishment of a Village Resource Centre (VRC) o Content Mobilization o Identification of suitable technology or combination technologies for different resource levels and managemer capacity of farmers o Awareness campaign and capacity building o Introduction of Technological Interventions o Onsite input production and management o Establishing Linkages among the State Milk Federation, Sta Animal Husbandry Department, input agencies, NGOs, oth IACR Institutes, private partners and other stakeholders o Regular interaction meetings

	(c)	**the steps taken to make awareness among the downtrodden mass about our findings in the field of science and technology?**	o Regular interaction meetings with farmers and awareness programmes are conducted o Identifying a few farmers and farm innovators and groom them as Technology Agents so that they become the contact points in the villages and facilitate in follow up of interventions o Technology Assemblage, Application and Feedback: The technology interventions are decided in participatory mode with involvement of multi-stakeholders and are planned and scheduled in such a manner so that each intervention is monitored regularly by the scientists and other staffs once in a week. o For technology assessment, regular feedback based on the farmers perception and their economic feasibility and outputs of each intervention are carried out. o Several extension materials such as technology brochures, video and audio documentaries, technology calendars are developed and distributed to farmers. o Regular scientist-farmers interface are organized and it is covered in local media, radio and Doordarshan. o Technologies are also disseminated through exhibitions, farmer meets and krishimelas. o Hands on trainings, awareness workshops on various aspects of livestock rearing are organized.

23. Rajya Sabha Question regarding "Adoption of Innovation and Technology in the farming sector"

Sl. No.	Question	Reply
(a)	The details of roadmap prepared by ICAR and DARE to harness science and innovation for securing food and nutritional security to people;	--
(b)	the details of focused areas identified by ICAR and DARE; and	**NIANP** • Basic and strategic research on physiology and nutrition f efficient livestock production. • Capacity development in 'Animal Nutrition and Physiology'. Focused Research Areas: ❖ Climate resilience livestock production systems

				✓ Identification of indigenous animal breeds (cattle, sheep, goats) resistance to heat stress. ✓ Develop nutritional modules to reduce greenhouse gas emission by livestock. ❖ Enhancing fertility status of animals by physiological, nutritional and reproductive interventions to increase livestock production ❖ Alternate feed resources for animal feeding ❖ Enhancing nutrients utilization to increase productive and reproductive efficiency in animals ❖ Unravelling Molecular mechanism (Genomics, Metagenomics, Nutrigenomics) involved in nutritional and physiological functions for improving efficiency of production	
			(c)	the details of technologies demonstrated and disseminated by Central and State agencies, KVKs during the last three years, year-wise and the extent of above helped farmers in pushing their productivity and getting more income?	Under SCSP, MGMG, Farmers First Project (FFP) and AICRP programmes, as well as institute's extension division institute developed technologies disseminated and adopted in the villages for improving the livestock productivity. The following technologies have been successfully disseminated and adopted: O Silage making in portable plastic drum for green fodder conservation O Silage making from horticulture waste such pineapple fruit residues for lactating animals feeding O Cost-effective mineral supplements: ➢ Area-specific Mineral Mixture ➢ Mineral mixture for small ruminants O Catalytic feed supplements for increasing milk fat and milk yield as well as fertility of animals O Nutritional packages for improving fertility and thus enhancing milk production. Technologies disseminated through Commercialization: ➢ Area-Specific Mineral Mixture in Karnataka State ➢ Mineral mixture for small ruminants (Sheep & Goat) ➢ HaritDhara – Anti-methanogenic feed supplement
		24. Notice of Lok Sabha Question Dy.No. 2067			

Innovation and New Technologies in Farm Sector

SL. No.	Question	Reply
(a)	The details of the initiatives taken by the Government for innovation/development of new technologies in the farm sector across the country during each of the last three years and the current year	O Developing technologies for improving fertility in male and female animals O Developing climate resilient livestock production system by developing ant-methanogenic feed supplements to reduce the enteric methane emission from animals O Developing physiological and nutritional strategies for combating stress O Sexing embryo by studying molecular mechanism involved during embryogenesis O Developing chelated/Nano/Encapsulated technologies for improving bioavailability of trace minerals O Nutraceutical and feed additives for better gut health and thus sustainable animal diets O Developing nutritional packages for enhancing fertility in heifers and lactating cows O Preparing silage in portable plastic drum O Azolla cultivation at farm level
(b)	whether the Government has developed any mechanism to disseminate information about such innovation/technologies to the farmers during the said period;	Mechanism for technology demonstration, adoption and dissemination amongst the livestock farmers are: O Participatory Rural Appraisal (PRA) O Establishment of a Village Resource Centre (VRC) O Content Mobilization O Identification of suitable technology or combination of technologies for different resource levels and management capacity of farmers O Awareness campaign and capacity building O Introduction of Technological Interventions O Onsite input production and management O Establishing Linkages among the State Milk Federation, State Animal Husbandry Department, input agencies, NGOs, other IACR Institutes, private partners and other stakeholders O Regular interaction meetings
(c)	if so, the details thereof along with the	Nutritional packages: 40 farmers with benefit of

	number of farmers who availed benefits from such innovation/technologies during the said period;	40000/animal/lactation in lactating cows Plastic drum silage: 75 farmers got benefitted Azolla cultivation: 80 farmers got benefitted Apart from that by commercialization of technologies such as HaritDhara, Area-Specific Mineral Mixture, Sheep and Goat Mineral Mixture to different firms, thousands of livestock farmers got benefitted through the developed technologies.
(d)	the salient features of Kisan portal and its advantages to the fanners along with the number of farmers benefitted from such portal since inception: and	--
(e)	the other steps taken/being taken by the Government in this regard?	--

25. Information for LS PQ Diary No 1952

1. **Details of participation of ICAR Institutes (OTHER THAN the KVKs of the INSTITUTE) in Exhibition/Melas organized by other departments**

ICAR-NIANP

Name of State/UT	Participation of ICAR Institutes in Exhibition/Melas organized by other departments	
	2021-22	2022-23
A & N Islands		
Andhra Pradesh		
Arunachal Pradesh		
Assam		
Bihar		
Chandigarh		
Chhattisgarh		
Dadar& Nagar Haveli		
Daman & Diu		
Delhi		
Goa		
Gujarat		
Haryana		
Himachal Pradesh		

Jammu & Kashmir		
Jharkhand		
Karnataka	**02** KrishiMela organized by UAS, Bengaluru Horticulture Mela organized by ICAR-IIHR, Bengaluru	**02** KrishiMela organized by UAS, Bengaluru Horticulture Mela organized by ICAR-IIHR, Bengaluru
Kerala		
Ladakh		
Lakshadweep		
Madhya Pradesh		
Maharashtra		
Manipur		
Meghalaya		
Mizoram		
Nagaland		
Odisha		
Puducherry		
Punjab		
Rajasthan		
Sikkim		
Tamil Nadu		
Telangana		
Tripura		
Uttar Pradesh		
Uttarakhand		
West Bengal		

26. Rajya Sabha Question Dy. No. 2157; New Technologies

Sl. No.	Question	Reply
a)	Whether the attention of the Government has been drawn to the need of adopting new technologies and practices in order to increase the efficiency and productivity of the agriculture sector;	Yes.
b)	If so, what steps have been taken in the	**Livestock Farming:**

				last three years to encourage our farmers for using modern machinery, adopting new seed varieties on farming techniques?	i) **Farmers First Project:** Technological interventions for doubling the farmers' income. Through this project, several technological modules (Nutritional packages, Mineral mixture, Mastitis and Lameness management, Clean milk production, Fodder cultivation, Crop and Horticulture varieties etc.) were disseminated and adopted in the villages. These technology interventions implemented in the filed resulted in improved income and livelihoods of farmers. ii) **MGMG and SCSP Program:** Through MGMG program, the technological inputs have been given to livestock farmers and through SCSP program, different inputs have been given to encourage the livestock rearing in tribal region of Karnataka. iii) **AICRP Project:** Through this project, nutritional and physiological technologies (ASMM, Bypass Fat, Raprofat Plus fed supplement, Estrous synchronization) have been validated and disseminated in the villages Soil fortification with zinc to improve the quality and quantity of green fodder (Maize) and thus improving the zinc status in animals. iv) **Institute Project:** Through institute projects, several technologies field tested and disseminated such as: O Area-specific mineral mixture O Mineral mixture for small ruminants O Mineral mixture for breeding bull to use in semen collection centre O Accurate and sensitive techniques for semen quality evaluation in semen preservation centre O Additives for improving the cry-preservation of semen O Milk replacer for faster growth in lamb O Drum silage for conservation of green fodders O Many training programs have been organized to provide training and demonstrations of technologies such as silage making in plastic drum, azolla cultivation, grain sprouts production,		

		pruning of fodder trees etc. to encourage the use of technology and innovation in the farming sector o Technology showcase during KrishiMela
c)	What steps are being taken by the Ministry for improving infrastructure such as storage facilities for farmers?	**Green fodder storage:** o Drum silage for conservation of green fodders

27. RAJYA SABHA Question-Diary No-U2199Modern Technology in Farming

Sl No	Question	Reply
1.	What are the steps taken by the government to encourage farmers to adopt modern technology in farming;	Through AICRP, Farmers First Project and MGMG and SCSP programme, farmers are regularly encouraged to adopt our developed technologies.
2.	Whether the government has established any policy to promote Farmer-Centric Research, if so details thereof;	**Institute Level Research:** On interaction with farmers, field level problems are identified and has been doing those farmer-centric researches. Example: **For problems of lower fertility:** Institute has come out with products like 'ReproFat Plus', 'Critical nutritional supplements', 'Reprovardhak' and 'Bufasol' **For low fat milk:** 'Ome B' and 'ReproFatPlus'
3.	What are the steps taken by the government in developing affordable and accessible technologies for farmers; and	o Research projects are formulated keeping in view the overall improvement of livestock production by enhancing fertility, feed resources availability and milk, meat and egg production. o Lab-to-Land and Land-to-Lab approach in research

			4.	What are the steps taken by the government to provide agriculture-related education and training to farmers?	Mechanism for technology demonstration, adoption and dissemination amongst the livestock farmers are: o Participatory Rural Appraisal (PRA) o Establishment of a Village Resource Centre (VRC) o Content Mobilization o Identification of suitable technology or combination of technologies for different resource levels and management capacity of farmers o Awareness campaign and capacity building o Introduction of Technological Interventions o Onsite input production and management o Establishing Linkages among the State Milk Federation, State Animal Husbandry Department, input agencies, NGOs, other IACR Institutes, private partners and other stakeholders o Regular interaction meetings	**28. RAJYA SABHA Question-Diary No-S2616** **Industrial application of research findings of the Department of Agriculture Research and Education (DARE)**	

29. RAJYA SABHA Question-Diary No-S2613

Sl No	Question	Reply
1.	Furnish the details of Industrial application of research findings of the Department of Agriculture Research and Education (DARE)	**Livestock Feed Industry:** Research Findings: O Product development: ➢ **Area-Specific Mineral Mixture** for managing fertility due mineral insufficiency and deficiency ➢ **Mineral Mixture for Sheep and Goat** for better growth and immunity in small ruminants ➢ **BULLMIN** for enhancing reproductive ability in breeding bulls ➢ **Buffasol**for improving cryopreservation of buffalo semen and thus increase the fertility ➢ **Reprovardhak**for estrus induction in animals to enhance fertility ➢ **Conception Sure** for early puberty in heifers and ameliorating reproductive problems in animals ➢ **Nano/Encapsulated/Chelated Trace Minerals Supplements** for improving bioavailability of trace mineralsto improve immunity and health status and enhance fertility ➢ **HaritDhara and Tamarin Plus** for reducing enteric methane emission from animals ➢ **Ome B** for increasing milk fat in lactating cows
2.	State of Industrial application of different findings in the field of Agriculture Research in the last five years along with the findings in brief;	Research Findings: O Product development: ➢ **Area-Specific Mineral Mixture** for managing fertility due mineral insufficiency and deficiency ➢ **Mineral Mixture for Sheep and Goat** for better growth and immunity in small ruminants ➢ **BULLMIN** for enhancing reproductive ability in breeding bulls ➢ **Buffasol** for improving cryopreservation of buffalo semen and thus increase the fertility ➢ **Reprovardhak** for estrus induction in animals to enhance fertility ➢ **Conception Sure** for early puberty in heifers and

*****<u>**Annexure-II**</u>

For point-4.6 : Details of RTI Request - From Year 2018 – 2019…….. till date):

Year 2023-2024:

Sl No.	Name of the applicant	Date	Subject	Mode of application Direct / Indirect	Fee received		Reply sent date
					With application	Additional fee	
1	Ahmed Meera Thamby	31/01/2024	Information regarding CPIO, FAA etc.	online	NA		No.110; replied on 23/02/2024
2	P V Sarma	19/01/2024	Two increments for Dr CSPrasad, Dr K T Sampath , Dr K S Ramchandra and Dr. Anantharam	online	NA		No.109; replied on 12/02/2024
3	P V Sarma	15/01/2024	Appeal to FAA (NIANP/A/E/24/00002; dated-15/01/2024)	online	NA		No.108; replied on 18/01/2024
4	P V Sarma	05/01/2024	Appeal to FAA (NIANP/A/E/24/00001; dated-01/12/2023)	online	NA		No.107; replied on 15/01/2024
5	Rahul Kumar	02/01/2024 04/01/2024	Compassionate Job application Reg.	online	NA		No.106; replied on 24/01/2024
6	Dr. Jitendra Singh	21/12/2023 28/12/2023	About Dr. Phoolchand Jat	online	NA		No.105; replied on 12/01/2024
7	Shri Syed Ahmed	14/12/2023 21/12/2023	How many RTI from 1st of Jan'2017 to 31st Dec'2017	online	NA		No.104; replied on 12/01/2024
8	P V Sarma	11/12/2023	Information regarding Dr.	online	NA		No.103; replied

			Khub Singh and Dr. K S Ramchandrapur				on 05/01/2024
9	Nargis	06/12/2023	Regarding information of Guest House	online	NA		No.102; replied on 14/12/2023
10	Dr. Jitendra Singh	04/12/2023	Regarding information of other scientist(Phool Chand Jat) via	online	NA		No.101; replied on 14/12/2023
11	P V Sarma	01/12/2023	Regarding C S Prasad	online	NA		No.100; replied on 25/12/2023
12	Diya Chowdhury	28/11/2023	Regarding NIANP Budget details	Online	NA		No.99; replied on 08/12/2023
13	P V Sarma, RE/23/00011	16/11/2023	Regarding K T Sampath and C S Prasad	online	NA		No.98; replied on 29/11/2023
14	P V Sarma, RE 0006	14/11/2023; FAA Appeal	Regarding 4 scientists increment….	online	NA		No.97; disposed off by FAA
15	P V Sarma, RE 0007	14/09/2023; FAA Appeal	Regarding Ph.D increment of some scientists(Sl 90)	online	NA		No.96; disposed off by FAA
16	P V Sarma, RE 00003	31/10/2023; FAA Appeal	Regarding Medical facility etc. thereon….	online	NA		No.95; disposed off on 28/11/2023
17	P V Sarma, (RE/23/0000 11)	31/10/2023;	Different Scientist Ph.D increment …	online	NA		No.94; disposed off on 29/11/2023
18	P V Sarma,	26/10/2023;	In front about Dr. K T Sampath and Dr. C S Prasad regarding …	online	NA		No.93; disposed off on 24/11/2023
19	Syed Ahmed	23/10/2023;	How many RTI……..(1st Jan 2019 to Dec'2019)	online	NA		No.92; disposed off on

							17/11/2023
20	Syed Ahmed	26/09/2023;	How many RTI (1st Jan 2022 to Dec'2022)	online	NA		No.91; disposed off on 19/10/2023
21	P V Sarma(RE 00007)	14/09/2023;	Increments of higher qualification regarding ….	online	NA		No.90; disposed off on 12/10/2023
22	P V Sarma(RE 00006)	14/09/2023;	Increments of higher qualification regarding ….	online	NA		No.89; disposed off on 12/10/2023
23	Syed Ahmed	10/09/2023;	Who is the Head of this public authority etc.	online	NA		No.88; disposed off on 25/09/2023
24	Shri Manoj Kumar	18/09/2023	Regarding dog/cat nutrition	online	NA		No.87; disposed off on 18/09/2023
25	P V Sarma	20/08/2023; 21/08/2023	Information regarding Shri Anatharam	online	NA		No.86; disposed off on 04/09/2023
26	Debasish Bhattacharya	29/06/2023; 03/07/2023	Providing information about bee keeping	online	NA		No.85; disposed off on 18/07/2023
27	P V Sarma	27/06/2023; 03/07/2023	Providing office order for fixation of pay during fourth and fifth pay commission….	online	NA		No.84; disposed off on 18/07/2023
28	B Mohit	30/05/2023 04/06/2023	Information regarding some institute activities etc….	online	NA		No.83; replied on 20/06/2023

29	Ms, Priya Shukla	17/04/2023; 01/05/2023	Regarding Projects , Awards from 2000-2020	online	NA		No.82; replied on 09/05/2023
30	Ms, Priya Shukla	24/04/2023; 01/05/2023	Regarding Projects , Awards from 2000-2020(through ICAR..)	online	NA		No.81; replied on 09/05/2023

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Year 2022-2023:

Sl No.	Name of the applicant	Date	Subject	Mode of application Direct / Indirect	Fee received		Reply sent date
					With application	Additional fee	
1.	Mr. Abhay Kumar Singh	29/11/2022; received on 02/12/2022	Regarding Haritdhara, Tamarind seed husk and outreach project etc.	online	NA		No.80; replied on 12/12/2022
2.	Dr. P Venugopal Sarma	03/10/2022, appeal to FAA	Regarding Pay Fixation	online	NA		No.79; replied by Director
3.	Mr. Sunil Sood	01/10/2022; Received on 03/10/2022	Information about Organization	Online	NA		No.78. Replied on 12/10/2022 on Portal

.**Year 2021-2022**

Sl No.	Name of the applicant	Date	Subject	Mode of application Direct / Indirect	Fee received		Reply sent date
					With application	Additional fee	

1.	Dr. Sandeep Pahal	01/10/21(Received at NIANP) 28/09/21(Sent by ICAR) 16/09/21(at ICAR HQ)	Regarding NPA of the Vety. Professional of NIANP	Indirect / Came from ICAR HQ	NA		No.69. F No. NIANP-RTI(IV) Hard copy – SPHAL MEERUT-CPIO-1/2020-21, /69, dated 08/10/21
2.	Mrs. Jhansi Lakshmi	06/10/21 Received on 07/10/21	Regarding SSS to T1 promotion and vacancy related etc	Online/Direct		Payment Gateway	No.70. Replied on 15/11/2021 on Portal
3.	Mr. Rajiv Pratap singh	05/10/21	Regarding NPA of Vety. Scientist etc	Direct / Hard copy	Rs.10/-		No.71. F No. NIANP-RTI(IV) Hard copy –R P Singh_Bareilly-CPIO-1/2020-21, /71, dated 28/10/21
4.	Mrs. Jhansi Lakshmi	15/10/21 Received on 30/10/21	Regarding a ICAR circular (F.No.T5-19(05)/2017-Estt.W(PA) dated -15/11/2021 and its Reply to ICAR	Online/Direct	NA(Payment Gateway)		No.72. Replied on 15/11/2021 on Portal
5.	Mrs.S. Jhansi Lakshmi	27/12/21 Received on 03/01/22	Regarding copy of the clarification sent to ICAR dated – 11/10/2019 and response from ICAR	Online	NA(Payment Gateway)		No.73. Replied on 25/01/2022 on Portal
6.	Mrs.S. Jhansi Lakshmi	30/04/22 Received on	Regarding details of all the SSS to T-1 promotion for last 10	online	NA(Payment Gateway)		No.74. Replied on 27/05/2022

		07/05/22	years of NIANP				on Portal
7.	Dr.Sanjib Kumar Karmee	15/06/22 at NIANP 07/07/22	Regarding AICRP project	Indirect from ICAR- HQ	NA		F No. NIANP-RTI(IV) Reply– Sanjeev Kr Karmee_Odisha_ CPIO-1/2021-22, /7569, dated 08/10/21 No. 75; Reply send on e-mail.
8	Dr. P. Venugopala Sarma	05/07/22 Received on 07/07/22	Regarding detailed statement for the arears dram and paid (No. NIANP/R/E/22/00002)	Online	NA(Payment Gateway)		No.76. Disposed off online on 13/07/2022
9	Dr. P. Venugopala Sarma	05/07/22 Received on 07/07/22	Providing office order regarding fixing of pension and family pension as per six CPC, etc.	Online	NA(Payment Gateway)		No.77. Disposed off online on 13/07/2022

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Year 2020- 2021:

.Sl No.	Name of the applicant	Date	Subject	Mode of application Direct / Indirect	Fee received		Reply sent date
					With application	Additional fee	
1.	Mr. Vital Narasimha	23/06/20 Received	RTI Application Regarding Quarter allotment of NIANP	Direct	Rs. 20/-		F No. NIANP-RTI(IV)VND-BG-

	Desmukh	on 01/06/20					CPIO1/20-21/55 dt-22/06/2020
2.	Ms. Pamela Nagalaxmami Iyer	05/09/20 Received on 12/09/20	RTI application regarding different documents as expenditure(s) from SCSP funds given to ICAR-NIANP, Bangalore from Jan2014 to August 2020	Direct	Rs. 20/-		F No. NIANP-RTI(IV) PNI-BG-CPIO1/2020-21/56 dt.05/10/2020
3.	Mr. A. Ganeshan	23/09/20 Received on 24/09/20	RTI Application Regarding "Bird Flow" affected district and Taluks of Karnataka	Direct	Rs.10/-		F No. NIANP-RTI(IV) AGANESH_BG_CPIO1/2020-21/57 dt-08/10/2020
4.	Mrs. S. Jhansi Lakshmi	07/11/20 Received on 10/11/20	RTI Regarding SSS employees etc of ICAR-NIANP	Online	NA		The information as supplied by AO, has been uploaded on 12/11/2020 F No. NIANP-RTI(IV)Online_JLakshmi_BNG_CPIO1/2020-21/58 dt-12/11/2020
5.	Mrs.S. Jhansi Lakshmi	05/12/20 Received on 07/12/20	RTI Regarding certain vacancy related matter as mentioned by Mrs.JhansiLakshmi. reg. No.NIANP/R/E/20/00002 dt-05/12/2020	online	NA		The information as supplied by AO, has been uploaded on 28/12/2020 F No. NIANP-RTI(IV)Online_JLakshmi_BNG_CPIO-2/2020-21/59 dt-

							26/12/2020 (Disposed)
6.	Mr. Rajesh Kumar M L	21/04/21 Received on 26/04/21	RTI application regarding ICAR-NIANP providing Housekeeping Man power job contract services on contract basis (Year 2020-2021)	Direct	Rs.10/- (IPO) 55 F 302723		(Disposed/ No.60)
7.	Mr. Rajesh Kumar M L	21/04/21 Received on 26/04/21	RTI application regarding ICAR-NIANP providing Housekeeping Man power job contract services Year-2019- 2020	Direct	Rs.10/- (IPO) 55 F 302722		(Disposed/ No.61)
8.	Mr. Rajesh Kumar M L	21/04/21 Received on 26/04/21	RTI application regarding ICAR-NIANP providing Security services on contract basis Year-2019- 2020	Direct	Rs.10/- (IPO) 55 F 302721		(Disposed/ No.62)
9.	Mr. Rajesh Kumar M L	21/04/21 Received on 26/04/21	RTI application regarding ICAR-NIANP providing Security services on contract basis Year-2020- 2021	Direct	Rs.10/- (IPO) 55 F 302720		(Disposed) (Disposed/ No.63)
10.	Mr.Narayan Bathwal	29/05/21 Received on 17/06/21	Online RTI application regarding "Mineral mixture and related etc	Online	Payment Gateway		(Disposed/ No.64)
11.	Mr. Subrato Mukherjee	01/07/21	Online RTI application regarding Ragging of students in Hostel etc.	Online	Payment Gateway		(Disposed/ No.65)
12.	Mr. Rajesh Kumar.M.L		Regarding providing the information and communicating to the applicant for number of relevant pages and deposit of money towards that to	Direct (Hard copy letter)	NA		F.No.NIANP-RTI(IV)/RAJESHKML-BG-CPIO 2-2021-22/66 dt-24/07/21

			cashier, NIANP of Mr. Rajesh Kumar M.L				
13.	Mr. Rajesh Kumar.M.L	02/08/21	Requesting the same information in free of cost by attaching copy of BPL Ration card	Direct	NA		F.No.NIANP-RTI(IV)/RAJESHKML-BG-CPIO 3/2021-22/67 dt-24/08/21
14.	Sowmiya N	01/09/21 Received on 06/09/21	Reg. Nutrition Degree for health inspection	Online	Gateway		Disposed off on 07/09/2021 (No.68)

.**For the Year 2019-2020:**

.Sl No.	Name of the applicant	Date	Subject	Mode of application Direct / Indirect	Fee received		Reply sent date
					With application	Additional fee	
1.	Jai Singh Chauhan	10/04/19 Received on 05/04/19	Information regarding visit of DG ICAR & Secretary DARE on 1st December 2018 on the occasion of Foundation Day Celebration at ICAR-NIANP, Bangalore	Direct (Hard Copy)	Rs. 10/-		F No. NIANP-RTI(IV) JSCHAU-MATHU-CPIO-01/2018-19/48
2.	Jai Singh Chauhan	09/05/19	Online RTI Request . Reg No. NIANP/R/2019/50001 Dated-09/05/19	Payment Gateway/ Online	Rs. 0/-		F. No. NIANP-RTI(IV) JSChau-Mathu-CPIO-01/2018-19/49 Dt-03/06/2019 Sent both in hard copy and online

							portal on 03/06/19
3.	Jai Singh Chauhan	11/06/19	Supply of documents (222 pages) as per your RTI application of earlier online RTI application as hard copy print by registered post	Rs. 444/- as DD DD no 027914, Dt. 11/06/19 HDFC Bank, Mathura, UP	Rs. 444/-		F. No.-NIANP-RTI(IV) JSChau-Mathu-CPIO-02/2019-20/50 Dt. 25/06/19
4.	Mr. Shankar T	Dispatch Doc No 2258	After CIC hearing- Reply of RTI Query on ITMU as per the decision No. CIC/NIANP/A/2018/119019/01504 File no. – CIC/NIANP/A/2018/119019 Registered Post RK 016737734IN Dated 16/09/19				Disposed
5.	The Information Commissioner, CIC, New Delhi	Dispatch Doc no-2259	-Do- CC to CIC as intimation of above. Registered Post No. RK 01737646IN Dt. 19/09/19				Disposed
6.	Mr. Shankar T	09/10/19	Information requested under RTI Act, pertaining to CPIO , APIO and FAA, ICAR-NIANP ….. Jan 2009 to till date	Direct	Rs. 10/- (49F298074 Dt. 01/10/10) Registered post no-RK016737		F. No. NIANP-RTI(IV) TS-BG-CPIO/2019-20/53 Dt.- 25/10/19

					2270IN IVR: 827501673 7270 Dt- 26/10/19		
7.	Mr. Ankit Sindhu	26/11/19	Information Regarding Security documents, JRF,SRF,RA etc.	Online	NA		The information as supplied by AO, has been uploaded on 18/12/19. F.No.NIANP RTI(IV) online- ASindhu-CPIO-1/2019-20/54 Dt-18/12/2019

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For point-4.6 : Details of RTI Request - Year 2018-19(From April'2018 to till Dec 2018):

Sl No.	Name of the applicant	Date	Subject	Mode of application Direct / Indirect	Fee received		Status/Reply
					With application	Additional fee	
1.	Mr. Shankar T	02-04-2018 DPS – 15 Dt. 5-4-2018	RTI application regarding printing of NIANP annual report for the year 2014-15, 2015-16 and 2016-17	Direct	Rs. 10/-	NA	Disposed

2.	Sh. K Kumar Pushta, UP	01-04-2018 online. At NIANP – 16-04-2018	Online RTI application (reg. No. NIANP/R/2018/50001 received by Nodal officer on 16-04-2018 forward by ICAR office "workers /employees engaged on permanent rolls and through contractors .	Direct Online	Payment Gateway		Disposed
3.	Mr. Brinda Poojary, Hyderabad	05-04-2018 indirect online at NIANP – 16-04-2018	Online indirect RTI application (reg. no. NIANP/R/2018/80001, date 05-04-2018. Transferred from ICAR HQ on 05-04-2018 ref. no. ICARHR/2018/50126; received to NIANP Nodal officer and COI on 16-04-2018, regarding different information in 7 nos. of points.	Indirect online	Nil; through ICAR		Disposed
4.	Dr. SBN Rao, NIANP,	10-05-2018 online	Online direct application reg. no NIANP/R/2018/50002,	Direct online	Payment Gateway	Gateway	Disposed

	Bengaluru		dated 10-05-2018; regarding information on scientific cadre etc., and copy of the approval of council (vide the application on the note sheet file pl.)				
5.	Mr. Shankar T	18-05-2018	RTI application pertaining to research / furnishing of auditorium since 1st Sap. 16 to till date	Direct copy	Rs. 10/-		Disposed
6.	Mr. Shankar T	Continuation of 34	As post office was not able to deliver and returned the registered post with comments Door locked.				Disposed
7.	Ms. Himani	07.07.2018	RTI application of Ms. Himani transfer from DARE, then from ASD of ICAR to NIANP in 8 different points.	Indirect hard copy from CPIO(AS) & ADG			Disposed
8.	Mr. Shankar	Continuation of earlier 04.07.2018	Representation to FAA in continuation of Sl. No. 34 and 35.				Disposed

9.	Mrs. Dhraneshwari	12/07/2018	Information regarding the employees name, designation and category.	Direct	Rs.10/-		Disposed
10.	Mr. Shankar	16/07/2018	Transferred from ICAR HQ; Reference No. ICARH/R/2018/00116 regarding "Harit Dhara".	Online transfer from ICAR			Disposed
11.	Mr. Shankar T	ICAR Hqrs. on 25/07/2018 at NIANP 25/07/18	Transferred from ICAR HQr. on 25/07/2018 Ref. ICAR H/R/2018/00116/1 Registration no NIANP/R/2018/80003 Dt-25/07/18	Online Transfer	IPO at ICAR		F. No. NIANP-RTI(IV) online-Shankar T- BG-CP10-2/2017-18 Dtd-26/07/18
12.	Mr. Peerzade Wahid Husen Mohamad Saffi	17/09/18	Information regarding animal feed in the pellet form under RTI Act 2005	Direct hard copy by post	Rs. 10/- 21F036355 Sent Register Post RK016717173IN Dtd.- 19/09/18		F. No. NIANP- RTI (IV) PEERZADE-Ichal-CPIO-1/2017-18/42 Dt-18/09/18 Dak no -2815 Dtd-19/09/2018
13.	Mr. Shankar T	First appeal at 08/10/2018 received on 09/10/18 DPS-853;Dt. 09/10/18	Interim communication w.r.t. information requested of product launch "Harit Dhara" by NIANP	Direct representation to FAA, NIANP	NA	NA	F. No.- NIANP-RTI(IV) TS-BG-FAA12/2017-18/43 Dated-22/10/18

14.	Mr. Nawal Agrawal	03/11/18	RTI request no. NIANP/R/2018/50004 Dt. 03/11/18	Online	Rs 0/- Online	Online	Upload the information to RTI online on 26/12/18
15.	-Do-	03/11/18	Online RTI request no. NIANP/R/2018/80004 Ref. no ICARH/R/2018/80383	Online through ICAR	Quarterly report Oct-Dec 2018		Uploaded the information to RTI online on 26/12/18
16.	Mr. Kishore Kumar S, Bengaluru-27	18/12/18 Record 21/12/18	Information pertaining to tender and Award of job	Direct (Hard copy) Register post sent on 10/01/19 Dak no. 5565 RK016735441IN	Rs. 10/-		F.No. NIANP-RTI(IV) KKS-BG-CPIO-1/2018-19/46

5. Information as may be prescribed

S. No.	Item	Details of disclosure	Remarks/ Reference Points (Fully met/partially met/ not met- Not applicable will be treated as fully met/partially met)
5.1	Such other information as may be prescribed [F.No. 1/2/2016-IR dt. 17.8.2016, F No. 1/6/2011-IR dt. 15.4.2013]	5.1.1. Name & details of (a) Current CPIOs & FAAs (a)Name and details of Current CPIO: Dr. K S Roy, Principal Scientist, ICAR-NIANP, Bangalore-560030 Name and details of Current FAA: Director, ICAR-NIANP, Bangalore-560030 (b) Earlier CPIO & FAAs from 1.1.2015 (b) Earlier CPIO: Dr. S B N Rao(from 1.1.2015 to 15.07.2017. Earlier FAA: Director, ICAR-NIANP, Bangalore-560030 Name and details of Earlier FAA: Director, ICAR-NIANP, Bangalore-	**Fully met**

		560030	
		5.1.2. Details of third party audit of voluntary disclosure (a) Dates of audit carried out (b) Report of the audit carried out (Auditing of third party shall be conducted shortly; and necessary voluntary disclosure regarding the same shall be made immediately)	**Fully met**
		5.1.3. Appointment of Nodal Officers not below the rank of Joint Secretary/ Additional HoD (a) Date of appointment (b) Name & Designation of the officers (a) Date of Appointment of Nodal Officer:15th July'2017 (b) Name & Designation of the officer: Dr. K S Roy, Principal Scientist, ICAR-NIANP,Bangalore-560030.]	**Fully met**
		5.1.4. Consultancy committee of key stake holders for advice on suo-motu disclosure (a) Dates from which constituted (b) Name & Designation of the officers (a) Dates from which constituted Dated -17/08/2019; F. No. NIANP/2-6(24)/Estt./Vol.V/2019-20/406 (b) Name & Designation of the officers 1. Director & FAA 2. Dr. K S Roy, Principal Scientist & PIO 3. Dr. D T Pal, Principal Scientist & Vigilance Officer 4. In-charge, Animal Nutrition Division 5. In-charge, Animal Physiology Division 6. In-charge, Bioenergetics & Environmental Sciences 7. Administrative Officer & APIO 8. Asst. Finance & Accounts Officer	**Fully met**
		5.1.5. Committee of PIOs/FAAs with rich experience in RTI to identify frequently sought information under RTI (a) Dates from which constituted	**Fully met**

		(b) Name & Designation of the Officers (a) Dates from which constituted Dated -20/07/2018 ; F. No. NIANP/2-6(24)/Estt./Vol.IV/2018-19/ (b) Name & Designation of the officers 1. Director & FAA 2. Dr. K S Roy, Principal Scientist & PIO 3. Mrs. S. Shashikala, AO & APIO	

6. Information Disclosed on own Initiative

S.No.	Item	Details of disclosure	Remarks/ Reference Points (Fully met/partially met/ not met- Not applicable will be treated as fully met/partially met)
6.1	Item / information disclosed so that public have minimum resort to use of RTI Act to obtain information	6.1.1. Item / information disclosed so that public have minimum resort to use of RTI Act to obtain information **(Yes, The information required as per the provisions of the RTI act is displayed on the Institute Website www.nianp.res.in)**	**Fully met**
6.2	Guidelines for Indian Government Websites (GIGW) is followed (released in February, 2009 and included in the Central Secretariat Manual of Office Procedures (CSMOP) by Department of Administrative Reforms and Public Grievances, Ministry of Personnel, Public Grievance and Pensions, Govt. Of India)	6.2.1. Whether STQC certification obtained and its validity. - *The STQC Certification is under process.* 6.2.2. Does the website show the certificate on the Website? - *The same will be publicly displayed on the institute website as soon as the certificate is issued.*	**Partially met** **Partially met**

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