

FILLED FRAMEWORK FOR TRANSPARENCY AUDIT -2022(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


	<p>population.</p> <p>Mission: To improve production and reproductive efficiency in livestock through basic physiological and nutritional approaches.</p> <p>Key Objectives:-</p> <p>To achieve the mandate of the Institute the following broad objectives and programmes have been outlined:</p> <ul style="list-style-type: none"> • 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 user's level for production enhancement. 	
	<p>1.1.4. Function and duties</p> <p>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:</p> <ul style="list-style-type: none"> • Basic and strategic research on physiology and nutrition for efficient livestock 	Fully met

		<p>production.</p> <ul style="list-style-type: none"> • Capacity development in 'Animal Nutrition and Physiology'. <ul style="list-style-type: none"> – As per hierarchical line of control depicted in the organizational setup – By interaction with In-charges and staff. – By interaction with stake holders <p>The norms set by it for discharge of its functions</p> <ul style="list-style-type: none"> – 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. <p>The rules, regulations, instruction manual and records, held by it or under its control or used by its employees for discharging its functions</p> <ul style="list-style-type: none"> – 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

		<div data-bbox="562 224 1457 829"> <pre> graph TD OS[Organizational Setup] --> DAC[Research Advisory Committee] OS --> D[Director] OS --> IMC[Institute Management Committee] D --> R[Research] D --> AF[Administration & Finance] R --> Div[Divisions] R --> Sec[Section] R --> SU[Service Units] Div --> DN[• Animal Nutrition • Animal Physiology • Bioenergetics & Environmental Sciences] Sec --> ATIC[• ATIC • CLAR] SU --> SUC[• PME Cell • Publication Cell • ITMU • Estate & Maintenance • Experimental Livestock Unit • Fodder Production Unit • Library • ARIS • RTI Cell • Grievance Cell • Women Cell] AF --> Admin[Administration] AF --> Fin[Finance] Admin --> AdminList["◦ Establishment ◦ Purchase ◦ Stores ◦ Cash & Bill ◦ Coordination ◦ Official Language"] Fin --> AA[Audit & Account] </pre> </div> <p>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</p> <p><u>Genesis, inception</u></p> <p>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),</p>	<p>Fully met</p>
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		<p>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.</p> <p><u>Formation of the department and the HoDs</u></p> <p>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.</p> <p>The Economics, Statistics and Extension Section has been renamed as Knowledge Management and Biostatistics Section and functioning with specified objectives.</p> <p>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.</p> <p><u>Committees /Commissions constituted</u></p> <p>Quinquennial Review Team (QRT)</p>	
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The activities of the ICAR-NIANP have been regularly (every 5 years) reviewed and reported by QRTs since the establishment of the Institute. The last QRT Review was held for the period April 2012 to March 2017 by the following QRT team and the report has been submitted to the ICAR.



भारतीय कृषि अनुसंधान परिषद
Indian Council of Agricultural Research
कृषि भवन, डॉ. राजेंद्र प्रसाद रोड, नई दिल्ली - 110001
Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi-110001

PROV. No. 53
 Date 24/04/17

F.No. AS 29/1/17-IA-I Dated : 11.4.2017

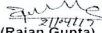
OFFICE ORDER

The Director General, ICAR has been pleased to constitute the Quinquennial Review Team (QRT) to review the work done by the NIANP, Bengaluru for the period from April, 2012 to March, 2017 with the following as its members :

1. Dr. M.P. Yadav , Ex-Vice Chancellor, SVPUAT, House No.365, Sector – 45, Gurgaon – 122003, Haryana.	Chairman
2. Dr. K.K. Baruah , Former Director, NRC on Yak Central Appartment, 1-B, Barthakur Mill Road, Ulubari, Guwahati -781007 (Assam) Baruahkk1@gmail.com (Tel.09435551429)	Member
3. Dr. N. Krishna , Former Dean, Veterinary College, A-5 No-408, Sanskruti Township, Pocharam, Koram, K.V. Rangareddy, Hyderabad – 500088, Telengana (Tel. 09494236264)	Member
4. Dr. Dinakar Raj , Project Director Translational Research Platform for Veterinary Biologicals, CAHS, TANUVAS Madhavaram Milk Colony, Chennai -600051.	Member
5. Dr. J.S. Bhatia , Former ADG(Edu.), ICAR, Khalsa College of Veterinary and Animal Sciences, Ram Tirath Road, Amritsar – 143001 (Punjab)	Member
6. Dr. V.H. Rao , Prof. & Head, Vety. College, Tirupati, 5/306, S.D. Layout, Tirupati – 517501 (A.P) (Tel.09440274528)	Member
7. Dr. S.K. Agarwal , former Director, CIRG 76 North City, Pilibhit Road, Bareilly – 243122 skagarwalcirg@gmail.com (Tel.9359315393)	Member

✓ Dr. D.T. Pal, Principal Scientist, NIANP, Bengaluru will act as Secretary, QRT for NIANP, Bengaluru.

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 QRT.


 (Rajan Gupta)
 Pr. Scientist(AN)

Copy to :

- The Director, NIANP, Bengaluru with a request to intimate all the members of QRT mentioned above.
- PPS to DDG(AS)
- ADG(AN&P)
- ASR-II/III Section may please see for further necessary action.
- Guard file

Dr. D.T. Pal
 24/4/17

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 2020-2021

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. SagarSanyal Former Professor & Head, WBUAFS, Kolkatta	Member
4.	Dr. SS Thakur Ex-ICAR Professor Emeritus NDRI, Karnal	Member
5.	Dr. A. K. Mathur, Retired Principal Scientist, ICAR-CIRC, Meerut	Member
6.	Dr. JeetendraVerma, 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.	Sh. Krishnareddy IMC Member	Member
10.	Sh. GH Gopal IMC Member	Member
11.	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.

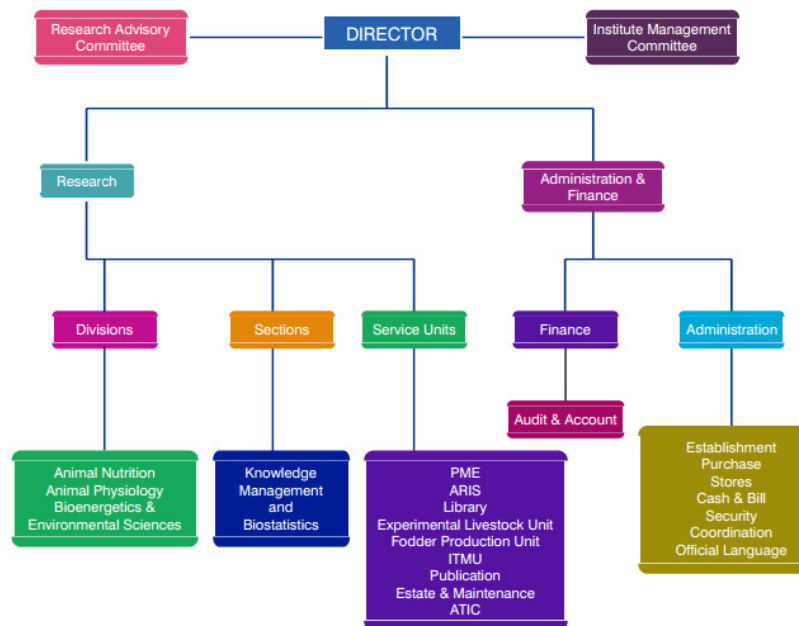
Recent Institute Management Committee (IMC)

1.	Dr.Raghavendra Bhatta, 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. AmbedkarVeedhi,	Member

			Bengaluru – 560 001.		
		3.	The Dean, Veterinary College, Karnataka, Veterinary Animal and Fisheries Sciences University (KVAFSU), Hebbal, Bengaluru – 560 024.	Member	
		4.	The Dean, Veterinary College KVASU, Kerala	Member	
		5.	Dr.DivakarHemadri, Principal Scientist, ICAR-NIVEDI, Ramagondanahalli, Yelahanka, Bengaluru – 560 064.		
		6.	Dr.RajendraHegde, 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 DinkarKharche, Principal Scientist, Animal Physiology & Reproduction Division, ICAR-CIRG, Makhdoom, Farah, Mathura. Pin code - 281122 (UP).	Member	
		9.	Dr.AmrishTyagi, 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	

		<p>Institute Research Committee (IRC)</p> <p>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.</p> <p>Institute Grievance Cell for Women (IGCW)</p> <p>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.</p> <p>Public Information Office (PIO)</p> <p>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.</p> <p>Right to Information (RTI) Cell</p> <p>The Institute has a RTI Cell to reply to the queries received by maintaining transparency to provide the right information.</p> <p>Citizen's Charter Service</p> <p>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.</p>	
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		<p>Institute Joint Staff Council (IJSC)</p> <p>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.</p>	
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) 1.2.2. Power and duties of other employees 1.2.3. Rules/ orders under which powers and duty are derived and 1.2.4. Exercised 1.2.5. Work allocation	Fully met (See below in Tabulated form) Fully met Fully met Fully met 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-

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 – <i>As per hierarchical line of control depicted in the organizational setup</i> – <i>By interaction with In-charges and staff.</i> – <i>By interaction with stake holders</i>	Fully met
		1.3.2. Final decision making authority <i>Competent Authority (Director), ICAR-NIANP, Bengaluru.</i>	Fully met
		1.3.3. Related provisions, acts, rules etc.	Fully met

		<ul style="list-style-type: none"> – 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 <i>Depending on the urgency of the work decisions will be taken.</i>	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 <i>Please see Below attached Table</i>	Fully met
		1.4.2. Norms/ standards for functions/ service delivery The samples to be submitted with requisite testing charges to the Institute	Fully met
		1.4.3. Process by which these services can be accessed <i>Request letter along with samples to I/c Sample Analysis Services or to Director, ICAR-NIANP</i>	Fully met
		1.4.4. Time-limit for achieving the targets <i>30 Days</i>	Fully met
		1.4.5. Process of redress of grievances <i>Grievance cell of the Institute</i>	Fully met
		1.4 Norms for discharging of functions [Section 4(1)(b)(iv)]	Fully met

	1.4.1	Nature of functions/services offered	Technology Commercialization Analytical Services Livestock advisory services
	1.4.2	Norms/standards for functions/service delivery	The identified officers for providing these services are displayed in the Institute under citizen charter
	1.4.3	Process by which these services can be assessed	The services can be availed by any Indian citizen by sending a request to Director NIANP
	1.4.4	Time limit for achieving the targets	Technology Commercialization 120 Days Analytical Services 30 Days Livestock advisory services. 7 Days
	1.4.5	Process of redress of grievances	The Grievances can be sent to the Administrative Officer, NIANP (For Administrative matters) and to Dr. PSP Gupta, Principal Scientist (for Technical Matters). Timeline: Acknowledgment of the Complaint – 5 working days Redressal of the complaint: 30 Days

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)

*** 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 <i>The acts / rules manuals etc and the transfer policy and transfer orders of the Indian Council of Agricultural Research, New Delhi are being followed</i> • Rules, regulations, instruction manual and records, held by it or under its control or used by its employees for discharging its functions.	Fully met

		<ul style="list-style-type: none"> 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-
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-

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 2020-2021

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,	Member

	Retired Principal Scientist, ICAR-CIRC, Meerut	
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.	Sh. Krishnareddy IMC Member	
10.	Sh. GH Gopal IMC Member	
11.	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.	Dr.Raghavendra Bhatta, 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. AmbedkarVeedhi, 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, Kerala	Member
5.	Dr.Divakar Hemadri, Principal Scientist, ICAR-NIVEDI, Ramagondanahalli, Yelahanka, Bengaluru – 560 064.	
6.	Dr.RajendraHegde, 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.

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 Dr. Raghavendra Bhatta, Director, ICAR-NIANP, Adugodi, Bengaluru – 560 030.	Fully met

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

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; Fax: 080-25711420

Sl. No.	Name	Designation	Extension numbers
1.	Dr. Raghavendra Bhatta	Director	401
2.	Dr. S.B.N. Rao	Principal Scientist	301
3.	Dr. A.V. Elangovan	Principal Scientist	235
4.	Dr. J.R. Ippala	Principal Scientist	216
5.	Dr. M. Chandrasekharaiah	Principal Scientist	314
6.	Dr. A.K. Samanta	Principal Scientist	313
7.	Dr. P.S.P. Gupta	Principal Scientist	213
8.	Dr. S. Anandan	Principal Scientist	307
9.	Dr. N.K.S. Gowda	Principal Scientist	317
10.	Dr. K. S. Roy	Principal Scientist	236
11.	Dr. K.V.H. Sastry	Principal Scientist	233
12.	Dr. S. Mondal	Principal Scientist	209
13.	Dr. S.C. Roy	Principal Scientist	210
14.	Dr. D.T. Pal	Principal Scientist	319

15.	Dr. K. Giridhar	Principal Scientist	318
16.	Dr. Sumanta Nandi	Principal Scientist	214
17.	Dr. G. Ravikiran	Principal Scientist	229
18.	Dr. Jyotirmoy Ghosh	Principal Scientist	310
19.	Dr. I.C.G. David	Principal Scientist	493
20.	Dr. S. Selvaraju	National Fellow	215
21.	Dr. Arindam Dhali	Principal Scientist	323
22.	Dr. D. Rajendran	Principal Scientist	306
23.	Dr. (Mrs.) R. Umayya Suganthi	Principal Scientist	232
24.	Dr. Pradeep Kumar Malik	Principal Scientist	230
25.	Dr. Nira Manik Soren	Principal Scientist	489
26.	Dr. Veerasamy Sejian	Principal Scientist	211
27.	Dr. Ashish Mishra	Principal Scientist	214
28.	Dr. A. Arangasamy	Principal Scientist	220
29.	Dr. (Mrs.) Anjumoni Mech	Senior Scientist	228
30.	Dr. (Mrs.) G. Letha Devi	Senior Scientist	297
31.	Dr. Ramachandran N.	Senior Scientist	
32.	Dr. Atul P. Kolte	Scientist	330
33.	Dr. Soumitra Jash	Scientist	297
34.	Dr. Chandrappa T.	Scientist	297
35.	Dr. Bagath. M.	Senior Scientist	326
36.	Dr. G. Krishnan	Senior Scientist	211
37.	Dr. Devaraj C.	Scientist	328
38.	Dr. Binsila B. Krishnan	Scientist	220
39.	Dr. Krishnappa Balaganur	Scientist	211
40.	Dr. Gopi M.	Scientist	326
<u>TECHNICAL STAFF</u>			
Sl. No	Name	Designation	Extension numbers
1.	Shri. V. Ramesh	Assistant Chief Technical Officer (T-	451

		7/8)	
2.	Dr. Awachat Vaibhav Bhagwan	Assistant Chief Technical Officer (T-7/8)	290
3.	Shri. Veeranna R. Kadakol	Senior Technical Assistant (T-4)	493
4.	Shri. D.R. Govinda	Senior Technical Assistant (T-4)	451
5.	Smt. Maya G.	Technical Assistant (T-3)	234
6.	Shri. Kamalesh K.M.	Technical Assistant (T-3)	451
7.	Ms. Vijayalakshmi Y C	Technical Assistant (T-3)	417
8.	Mrs. K. Bharathi	Technical Assistant (T-3)	300
9.	Shri. Shivarama M.	Senior Technician (T-2)	451

ADMINISTRATIVE STAFF

Sl. No.	Name	Designation	Extension numbers
1.	Smt. S. Shashikala	Administrative Officer	412
2.	Shri. S.R. Sreenivasa	Assistant Administrative Officer	411
3.	Smt. Sheeja. P.P.	Finance and Accounts Officer	413
4.	Shri. Ajayan P.	Private Secretary (on deputation)	411
5.	Shri. R. Suresh Babu	Assistant Administrative Officer	452
6.	Smt. J.V. Jyothi	Assistant	415
7.	Smt. Mridula M.P.	Assistant Administrative Officer	411
8.	Smt. Geetha B.	Assistant	418
9.	Smt. Prema Nagaraju	Upper Division Clerk	416
10.	Shri. Anantha Murthy	Upper Division Clerk	419
11.	Shri. Vinod Kumar N	Upper Division Clerk (on deputation)	417

SKILLED SUPPORTING STAFF

Sl. No.	Name	Designation	Extension numbers
1.	Shri. K. Narayana	Skilled Supporting Staff	290
2.	Smt. S. Jhansi Lakshmi	Skilled Supporting Staff	200

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 <i>Please see the table Below</i>	Fully met
		1.9.2. System of compensation as provided in its regulations <i>As per ICAR Guidelines</i>	Fully met
		Details may be obtained from DDO, ICAR-NIANP, Bangalore	

1.9.1 List of employees with gross monthly remuneration:

Sl No	Name of the Employee	Gross Salary for the m/o AUGUST 2022
1	Dr.Raghavenrda Bhatta	318250
2	Dr.M.Chandrasekaraiah	386812
3	Dr.J. R. Ippala	386812
4	Dr.S.B.N. Rao	386812
5	Dr.P.S.P Gupta	386812
6	Dr.A. V. Elangovan	386812
7	Dr.A. K. Samanta	386812
8	Dr.N.K.S.Gowda	386812
9	Dr.S. Anandan	386812
10	Dr. Kajal Sankar Roy	327898
11	Dr.K. Giridhar	285152

12	Dr.Sudhir C Roy	327898
13	Dr.Dintaran Pal	385084
14	Dr.Sukanta Mondal	327898
15	Dr.K.V.H.Sastry	385084
16	Dr.Sumanta Nandi	383410
17	Dr.Ravikiran Gorti	383410
18	Dr.Jyotirmoy Ghosh	327898
19	Dr.I.C.G David	373604
20	Dr. Arindam Dhali	321278
21	Dr.Umaya Suganthi	240396
22	Dr.D.Rajendran	352759
23	Dr.Atul P. Kolte	285259
24	Dr.A. Arangasamy	333040
25	Dr.Anjumoni Mech	270626
26	Dr.Soumitra Jash	171386
27	Dr. Ramchandran	226695
28	Dr.N.M Soren	286546
29	Dr.Ashish Mishra	286546
30	Dr.Pradeep K. Malik	233696
31	Dr.Letha Devi	240844
32	Dr.G.Krishnan	233803
33	Dr.Bagath.M	227210
34	Dr. T. Chandrappa	146015
35	Dr.C.Devaraj	198106
36	Dr.Binsila B.Krishnan	158549
37	Dr.Krishnappa Balagnur	138500
38	Dr. Gopi	141826
39	Smt.S.Shashikala	142312

40	Mr.R. Suresh Babu	78792
41	Smt.J.V.Jyothi	88538
42	Smt.B. Geetha	69063
43	Mr.K. Narayana	66487
44	Smt.Sheeja.P.P	84822
45	Ms.Mridula M. P.	70484
46	Smt.Prema Nagaraju	60047
47	Mr.Anantha Murthy	43282
48	Mr. Vinod Kumar	48871
49	Mrs.S.Jhansi Lakshmi	33299
50	Mr.V.Ramesh	161149
51	Mr.D.R.Govinda	72494
52	Dr.Vaibhav B Awachat	147614
53	Mrs.Maya.G	67131
54	Mr.Kamalesh.K.M	55208
55	Ms.Vijaylakshmi Y C	44086
56	Mrs.Bharathi.K	47570
57	Mr.Shivarama.M	50250
58	Dr. S. Selvaraju	321278

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.)

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

	action has been proposed/ taken (Section 4(2))		
		1.11.2. (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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Related information regularly displayed in general notice board. 	Fully met
		1.12.3. Training of CPIO/APIO <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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:

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)															
2.1	Budget allocated to each agency including all plans, proposed expenditure and reports on disbursements made etc. [Section 4(1)(b)(xi)]	2.1.1.Total Budget for the public authority	Fully met															
		<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>2156.26</td><td></td><td></td></tr><tr><td>2</td><td>AICRP AT NIANP</td><td>172.00</td><td></td><td></td></tr></table>		Sl. No.	Scheme	(Amount in Lakhs)			1	ICAR-NIANP	2156.26			2	AICRP AT NIANP	172.00		
		Sl. No.		Scheme	(Amount in Lakhs)													
		1	ICAR-NIANP	2156.26														
		2	AICRP AT NIANP	172.00														
		2.1.2. Budget for each agency and plan & programmes	Fully met															
		2.1.3. Proposed expenditures	Fully met															
<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>2154.96</td></tr><tr><td>2</td><td>AICRP AT NIANP</td><td>171.96</td></tr></table>	Sl. No.	Scheme	Actual Expenditure(Amount in Lakhs)	1	ICAR-NIANP	2154.96	2	AICRP AT NIANP	171.96	Fully met								
Sl. No.	Scheme	Actual Expenditure(Amount in Lakhs)																
1	ICAR-NIANP	2154.96																
2	AICRP AT NIANP	171.96																
2.1.4. Revised budget for each agency, if any: NA	Fully met																	
2.1.5. Report on disbursements made and place where the related reports are available - Administration and Accounts Section	Fully met																	

2.2	Foreign and domestic tours (F.No. 1/8/2012- IR dt. 11.9.2012)	<p>2.2.1. Budget Fully Met</p> <p>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.</p> <ul style="list-style-type: none"> a) Places visited b) The period of visit c) The number of members in the official delegation d) Expenditure on the visit <p>Please see the table Below</p>	Fully met
		<p>2.2.3. Information related to procurements</p> <ul style="list-style-type: none"> 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. <p>(The information is regularly updated on the Institute Website and also on the CPP portal.)</p>	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. – (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. 14-17 th 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, 2-6 th September, 2018 and Montpellier SELMET 7-14 th 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.

	<p>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.</p> <p>(a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit</p>	<p>Dr. Raghavendra Bhatta, Director University of Kassel, Germany. 2-9th November, 2018.</p> <p>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.</p>
	<p>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.</p> <p>(a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit</p>	<p>Dr. P.S.P. Gupta Principal Scientist</p> <p>Szent Istvan University, Budapest, Hungary. 12-23rd March, 2019.</p> <p>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.</p>
	<p>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.</p> <p>(a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit</p>	<p>Dr. S. Mondal Principal Scientist</p> <p>Szent Istvan University, Budapest, Hungary. 12-23rd March, 2019.</p> <p>Two The joint project collaborators in Hungary will bear the expenses of his local transport, food and accommodation from the approved</p>

		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.
	<p>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.</p> <p>(a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit</p>	<p>Dr. Raghavendra Bhatta, Director University of Kassel, Germany. 16-23rd October, 2019.</p> <p>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.</p>
	<p>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.</p> <p>(a) Places visited, (b) The period of visit, (c) The number of members in the official delegation, (d) Expenditure on the visit</p>	<p>Dr. Raghavendra Bhatta, Director Nairobi, Kenya. 1-6th December, 2019.</p> <p>One Major funding source from ICAR (through Window III)</p>

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

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

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

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)	NA
		3.1.3. Details of Special Purpose Vehicle (SPV), if any	
		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

		<p>easy accessibility of public</p> <ol style="list-style-type: none"> 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)]	<p>Information manual/handbook available in</p> <p>3.4.1. Electronic format</p> <p>3.4.2. Printed format</p> <ol style="list-style-type: none"> 1) Institute annual reports and newsletters are available for free download from institute website 	<p>Fully Met</p> <p>Fully Met</p>

		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.	
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 See Table below	Fully Met

List of Publications of NIANP

Free of cost publications

Sl no	Title	Category
1.	Useful livestock technologies for farmers (Hindi/Kannada)	Extension folder

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	Modeling 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

Closing stock: List of publications of NIANP (Stock at ATIC as on 31 March 2022)

Sl No	Title	Category	Unit Price (Rs)	Stock available at ATIC	Total Price (Rs.)
1	Plant derivatives: Ideal agents to combat aflatoxins	Technical bulletin	100	43	4300
2	Feeding and management of goats	Technical bulletin	100	5	500
3	Early Embryonic losses: An enigma	Technical bulletin	100	30	3000
4	Complete feed block	Technical bulletin	100	13	1300
5	Thermal stress in dairy cows & its amelioration	Technical bulletin	100	19	1900
6	Solid state fermentation technology for upgradation of crop residues	Technical bulletin	100	20	2000
7,8,9	No stock				
10	Modelling and forecasting livestock and fish feed resources: requirement and availability in India	Book	200	50	10000

11	No stock (Handbook of animal feeding and management(English)	Book	250	Nil	0000
12	Promoting livestock productivity through micronutrient supplementation	Book	150	13	1950
13	Handbook of animal feeding and management(Kannada)	Book	150	22	3300
14	Integrated reproductive management in dairy buffaloes (English)	Book	200	165	33000
15	Handbook of animal feeding and management(Hindi)	Book	200	29	5800
16	Recent techniques in feed and fodder evaluation for assessing feed quality and safety (Dr AKS)	Laboratory manual	150	62	9300
17	Feed resources and feeding practices in different agro eco zones of India	Book	300	40	12000
18	Improvement of lignocellulosic materials as animal feed	Technical bulletin	100	24	2400
19	Integrated reproductive management in dairy buffaloes (Hindi)	Book	200	165	33000
20	Feed Chart (Hindi)	Ready Reckner	20	740	14800
21	Feed Chart (Kannada)	Ready Reckner	20	896	17920
22	Feed Chart (Telugu)	Ready Reckner	20	465	9300
23	Feed Chart (Tamil)	Ready Reckner	20	470	9400
24	Feed Chart (English)	Ready Reckner	20	204	4080
		Total value			1,79,250

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 information Manual/Handbook last updated? [F No. 1/6/2011- IR dt 15.4.2013]	4.2.1. Last date of Annual updation	NA (As per necessity)
4.3	Information available in electronic form [Section 4(1)(b)(xiv)]	4.3.1. Details of information available in electronic form	NA (As per necessity)
		4.3.2. Name/ title of the document/record/ other information	NA
		4.3.3. Location where available	NA
4.4	Particulars of facilities available to citizen for obtaining information	4.4.1. Name & location of the faculty	NA (As per necessity)
		4.4.2. Details of information made available	NA
		4.4.3. Working hours of the facility	NA

	[Section 4(1)(b)(xv)]	4.4.4. Contact person & contact details (Phone, fax email)				NA	
4.5	Such other information as may be prescribed under section 4(i) (b)(xvii)	4.5.1. Grievance redressal mechanism A Grievance Committee has been formed to look into the grievances of the staff.				Fully met	
		4.5.2. Details of applications received under RTI and information provided (****Anexure-II, enclosed herewith the details of RTI for the current year.)				Fully met	
		4.5.3. List of completed schemes/ projects/ Programmes (Available on the Institute Website)				Fully met	
		4.5.4. List of schemes/ projects/ programme underway (Available on the Institute Website)				Fully met	
		4.5.5. Details of all contracts entered into including name of the contractor, amount of contract and period of completion of contract				Fully met	
		SL NO	DETAIL OF WORK	NAME OF CONTRACTOR	AMOUNT OF CONTRACT		PERIOD OF COMPLETION
		1	Enhancement of contract demand from 100 KVA to 200KVA	M/s CPWD Electrical Thro' BESCO 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	M/s CPWD [civil]	Rs.19,06,000 /-	One year. Work completed			

			Mosquito Mesh for the staff quarters building			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]

		<u>Details of Contract related to hiring of manpower / vehicle</u>						
		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	-		
		4.	M/s Principle Security and Allied Services Pvt. Ltd., Bengaluru – 560043. (Work Order award of Security Contract)	01-08-2020	Rs.5,56,604/-	-		
		4.5.6. Annual Report (Available on the Institute Website)						Fully met
		4.5.7. Frequently Asked Question (FAQs) (Available on the Institute Website)						Fully met
		4.5.8. Any other information such as a) Citizen’s Charter						Fully met

		(Available on the Institute Website and displayed in the institute)			
		b) Result Framework Document (RFD)			
		c) Six monthly reports on the			
		d) Performance against the benchmarks set in the Citizen's Charter			
4.6	Receipt & Disposal of RTI applications & appeals [F.No 1/6/2011-IR dt. 15.04.2013]	4.6.1. Details of applications received and disposed (****Anexure-II, enclosed herewith the details of RTI for the current year.)	Fully met		
		4.6.2. Details of appeals received and orders issued (****Anexure-II, enclosed herewith the details of RTI for the current year.)	Fully met		
4.7	Replies to questions asked in the parliament [Section 4(1)(d)(2)]	4.7.1. Details of questions asked and replies given:		Fully met	
		1. <u>Rajya Sabha Provisionally admitted Question Dy. No. S477 for the answer on 23.07.2021.</u>			
		Sl. No.	Question		Reply
		(a)	whether Government takes serious cognizance of the effect of animal husbandry on climate change		Yes.
		(b)	whether Government has commissioned any research in this regard		Yes.
(c)	if so, details thereof and if not, reasons therefor; and	ICAR-NIAP, Bengaluru has been carrying out research on climate change under the programme – “Climate Change impact on Livestock” for: i) Systematic studies on total GHG (Methane) production by ruminant species of the country ii) Evaluation of feeds and fodders as well as total mixed rations for Methane production potentials iii) Identification and nutritional evaluation of phyto-sources for their potentials in reduction of GHG (Methane). iv) At institute level, study has been conducted to assess the impact of summer stress on goat production and reproduction. <u>Summer Heat tolerant goat breed:</u> The comparative studies on three different indigenous breeds (Osmanabadi, Malabari			

			<p>and Salem Black) indicated the potential of Salem Black breed to survive and produce optimally under summer heat stress and it has been identified as a superior thermo-tolerant breeds specific to a tropical location.</p> <p><u>Effect of summer heat stress on reproductive functions of goats:</u> It has been found that heat stress brought in adverse impact on reproductive efficiency by altering the expression patterns of FSHR, LHR, ESTRa, COX2 and PGF2a and PGF2 genes.</p>	
	(d)	the steps undertaken by Government to control the greenhouse gas emissions from animal husbandry?	<ul style="list-style-type: none"> ○ ICAR-NIANP has nationally estimated the total GHG (Methane) gas emissions by the ruminant animals and develop the state-wise as well as for whole country database on Methane emission by the livestock. As per our institute assessment, Indian livestock annually emit 9.25 million metric tonnes GHG (Methane) from the enteric fermentation. ○ The institute has already come out with some anti-methanogenic feed supplements to reduce the GHG (Methane) emission from ruminant animals. ○ Anti-methanogenic feed supplements like HARTI DHARA and TAMARIN PLUS have the potential to reduce methane gas emission by 20-25% from animals. 	
			<p>2. Lok Sabha Question No. 4725 Reg. Development of Nano Science & Technology</p> <p>Research on Nanotechnology in ICAR-NIANP</p> <ul style="list-style-type: none"> ➤ Developed a chemical method for nano zinc oxide, nano cupric oxide and manganese oxide preparation ➤ Developed a method for green synthesis of zinc oxide ➤ Developed a method for synthesis of nano curcumin ➤ Developed a method for synthesis of nano selenium ➤ Developed method for nano zero valent iron for NASF project and used for nano purification of sperm cell (Under NASF project) ➤ Evaluated zinc oxide nano particle in rats for its bioavailability and its toxicity ➤ Evaluated Nano zinc as feed supplement to enhances growth, immunity and male reproduction in goat ➤ Evaluated nano zinc oxide, cupric oxide and manganese oxide in sub clinical mastitis (Collaboration with NDRI 	

	<p>SRS)</p> <p>➤ Evaluated nano selenium and nano curcumin for its antioxidant, lipid profile and growth performance in broiler (Collaboration with Veterinary College, Hebbal)</p> <p>3. <u>Lok Sabha Question No. 4725:</u></p> <p>Research on Nano Technology:</p> <p>A comprehensive study was conducted to evaluate the efficiency of nano zinc as feed supplement on growth, nutrient utilization and immunity in goats. Method developed for synthesis of nano particles of zinc oxide. Nano zinc improved the growth and immunity, and male fertility in goats. As immune booster it may reduce disease incidences, hence number of death may reduce in a population. In semen bank it may be recommended to improve motility of spermatozoa and consequently improve fertility of the bull.</p> <p>Nano zinc could be used as feed supplement to improve growth, immunity and male reproduction in goat</p> <p>4. <u>LokShabha Question No. 5317 Reply</u></p> <p><u>New Technologies in Agriculture Sector</u></p> <table><tr><th>Question</th><th>Reply</th></tr><tr><td>(a) Whether the Government has any proposal to promote Agri-fintech companies in near future</td><td>-</td></tr><tr><td>(b) If so details thereof;</td><td>-</td></tr><tr><td>(c) If not, reason therefor;</td><td>-</td></tr><tr><td>(d) Whether any efforts have been made to introduce new technologies in Agriculture sector?</td><td>The following two technologies have been introduce in Livestock Sector:<ul style="list-style-type: none">○ Mineral Mixture for Small Ruminants – Sheep and Goat Min○ Anti-methanogenic feed supplement – HaritDhara</td></tr></table> <p>5. <u>Rajya Sabha Question No. S6241 for answer on 08.04.2022</u></p> <p><u>Adoption of New Farming Techniques</u></p> <table><tr><th>Question</th><th>Reply</th></tr></table>	Question	Reply	(a) Whether the Government has any proposal to promote Agri-fintech companies in near future	-	(b) If so details thereof;	-	(c) If not, reason therefor;	-	(d) Whether any efforts have been made to introduce new technologies in Agriculture sector?	The following two technologies have been introduce in Livestock Sector: <ul style="list-style-type: none">○ Mineral Mixture for Small Ruminants – Sheep and Goat Min○ Anti-methanogenic feed supplement – HaritDhara	Question	Reply
Question	Reply												
(a) Whether the Government has any proposal to promote Agri-fintech companies in near future	-												
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Question	Reply												

		<p>(a) The initiatives taken by Government for agricultural research to adopt new farming techniques; and</p>	<p>Through the following the nutritional techniques are adopting at farmers field:</p> <ul style="list-style-type: none">○ MGMT Programme○ SCSP programme○ Farmers First Project○ AICRP○ Commercialization of developed technologies								
		<p>(b) In what manner Government impart the knowledge about new farming techniques to farmers and what has been the role of the project for Attracting and Retaining Youth in Agriculture (ARYA) in this regard?</p>	<p>By demonstrating, validation and testing at farmers' field, showcasing in KrishiMela, the knowledge about new techniques are imparted to farmers.</p>								
<p>6. Question: Starred: Diary No: 2569: Answer Date: 08/02/2022</p>											
		<table><tr><th>Question</th><th>Reply</th></tr><tr><td>(a) Whether the Government has formulated any priorities regarding research and development in agricultural sector in the next ten years</td><td>Yes</td></tr><tr><td>(b) If so, the details of the priority sectors under the said schemes</td><td>Priority sectors:<ul style="list-style-type: none">○ Livestock Farmers○ Semen and embryo processing centres○ Entrepreneurs○ Scientific community</td></tr><tr><td>(c) The manner by which the benefits of the same are proposed to be given to the farmers?</td><td>Research and development priority areas mainly focused on do basic and fundamental as well as applied and strategic research l to developing technologies for improving livestock production reproduction. Production specific feed supplements, alternate newer feed resources, improving bioavailability of feed nutrit are resulted in increase in milk, meat and egg production livestock. Whenever the technologies/products are emanating fr the research, the same are initially demonstrated and t disseminated and adopted to the farmers field. Reproduc technologies for enhancing fertility are also demonstrated to farmers and reproductive technologies applicable to male ferti are demonstrated and showcased to semen cryo-preservation centres for further improving male and female fertility.</td></tr></table>	Question	Reply	(a) Whether the Government has formulated any priorities regarding research and development in agricultural sector in the next ten years	Yes	(b) If so, the details of the priority sectors under the said schemes	Priority sectors: <ul style="list-style-type: none">○ Livestock Farmers○ Semen and embryo processing centres○ Entrepreneurs○ Scientific community	(c) The manner by which the benefits of the same are proposed to be given to the farmers?	Research and development priority areas mainly focused on do basic and fundamental as well as applied and strategic research l to developing technologies for improving livestock production reproduction. Production specific feed supplements, alternate newer feed resources, improving bioavailability of feed nutrit are resulted in increase in milk, meat and egg production livestock. Whenever the technologies/products are emanating fr the research, the same are initially demonstrated and t disseminated and adopted to the farmers field. Reproduc technologies for enhancing fertility are also demonstrated to farmers and reproductive technologies applicable to male ferti are demonstrated and showcased to semen cryo-preservation centres for further improving male and female fertility.	
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		<p>Research and development priority areas are also focused in developing climate resilient livestock production system to maintain the production of our animals under climate change condition.</p> <p>Under the FARMERS FIRST PROJECT, livestock farmers are directly getting benefits of our developed technologies through research and development.</p>	in				
		<p>7. <u>Lok Sabha Starred question Dy. No. 5036 for Sitting date 15.03.2022 on Use of technology and innovation</u></p>					
		<table><tr><th>Question</th><th>Inputs/Reply</th></tr><tr><td>(a) Whether the Government has taken some measures to encourage the use of technology and innovation in the farming sector in the country and if SO, the details thereof throughout the country and specially in Odisha</td><td><p>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 field resulted in improved income and livelihoods of farmers.</p><p>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.</p><p>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</p><p>Soil fortification with zinc to improve the quality and quantity of green fodder (Maize) and thus improving the zinc status in animals.</p><p>iv) Institute Project: Through institute projects, several technologies field tested and disseminated such as:</p></td></tr></table>	Question	Inputs/Reply	(a) Whether the Government has taken some measures to encourage the use of technology and innovation in the farming sector in the country and if SO, the details thereof throughout the country and specially in Odisha	<p>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 field resulted in improved income and livelihoods of farmers.</p> <p>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.</p> <p>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</p> <p>Soil fortification with zinc to improve the quality and quantity of green fodder (Maize) and thus improving the zinc status in animals.</p> <p>iv) Institute Project: Through institute projects, several technologies field tested and disseminated such as:</p>	
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			<ol style="list-style-type: none"> 1. Area-specific mineral mixture 2. Mineral mixture for small ruminants 3. Mineral mixture for breeding bull to use in semen collection centre 4. Accurate and sensitive techniques for semen quality evaluation in semen preservation centre 5. Additives for improving the cry-preservation of semen 6. Milk replacer for faster growth in lamb 7. Drum silage for conservation of green fodders 8. 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 9. Technology showcase during KrishiMela <p>Odisha: iv) Under the AICRP, the fertility of cattle enhanced by adopting nutritional (ASMM & Vitamin) and physiological (Double sych&Estradoublesynch) technologies in Sambalpur, Baragarh and Kanddamal districts. The overall conception rate increased and it was ranged from 15-75% in different technologies adopted. Fodder tree cultivation was adopted for supplying green fodders to livestock.</p>		
		(b) the measures taken by the Government to incentivize made in India innovation in farming technology	-		
		(c) the details of the grants given by the Government for farming related technology and the disbursement thereof	-		
		(d) the details of the technology in current use and the amount of subsidy given by the Government for adoption of new technology by the farmers,	-		

especially to small farmers	
(e) the measures taken by the Government to spread awareness and ensure last-mile delivery of technology/innovations to the farmers	As mentioned in Sl. (a)
(f) the details regarding the point of view of the Government in encouraging the use of various innovation in the agricultural technology sector which would benefit the agriculture output and could increase the farmer's efficiency and income?	<ul style="list-style-type: none"> ○ Farmers First Program ○ MGMG Program ○ SCSP Program

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Rajya Sabha Unstarred Question No.1055 for date 24.11.2016 regarding Committees/Boards constituted under PMO and associated establishment Reg.

Management Committee, RAC at Institute level The compositions of these committees are given earlier.

1. Inputs for Rajya Sabha unstarred PQ 3139

(a) whether shortage of green fodder, dry fodder and concentrated feed has been reported to Government;

Yes.

(b) if so, the details thereof;

The requirements and availability of feeds have been estimated and brought out in the form of publications and the copy has been shared with the Secretary, DARE & Secretary, DAHDF and other concerned officials. References of the publications are as follows:

1. Ramachandra K S., Taneja V.K., Samoath, K.T., Anandan, S. and Angadi, U.B. 2007. *Livestock feed resources in different agro ecosystems of India: Availability, requirements and their management*. Published by the Director, National Institute of Animal Nutrition and Physiology, Bangalore India. 100pages.
2. Ravi Kiran Gorti, Suresh, K. P. Sampah, K. T., Giridhar, K. and Anandan, S. 2012. *Modeling and forecasting livestock and fish feed resources; requirement and availability in*

		<p><i>India</i>. Published by the Director, National Institute of Animal Nutrition and Physiology, Bangalore.</p> <p>(c) whether crossbreed cows have higher daily milk yields than indigenous cattle; Yes. Normally, the crossbred animals yield higher milk per day than indigenous cows. But pure indigenous breed with good feeding and management practices, they could also give higher milk yield.</p> <p>(d) whether any studies on better formulated feeds have been conducted to increase productivity of indigenous cattle; and</p> <p>(e) whether Government has attempted to spread awareness about the nutritional requirements of the dairy cattle?</p> <p>At institute level, either through MGMG programme or AICRP or Farmers First Project or SC/ST scheme, the awareness to dairy farmers on ration balancing programme based on nutrient requirements has been regularly made. Also several thousand farmers have been provided with the user friendly FEED CHART developed by the institute to feed the dairy cows as per their nutrients requirement.</p> <p>Further, spreading awareness about the nutritional requirements of dairy cows through periodic trainings of various stake holders starting from dairy farmers, dairy cooperatives, State Animal Husbandry Department, Extension officers, KVK officials and the resource persons from Academic and Research institutes have been regularly doing by the institute.</p> <p><u>2. Rajya Sabha Admitted Q. No.516 dated 05.02.2021</u></p> <p><u>Use of technology for sustainable farming practices (ICAR-NIANP)</u></p> <p>(a) Whether Government has undertaken any steps to promote sustainable</p>	
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		<p>farming practices via use of technology</p> <p>ICAR-NAIANP, Bangalore has been promoting the following technologies for sustainable livestock farming practices:</p> <ul style="list-style-type: none"> ○ Area-Specific Mineral Mixture ○ Mineral Mixture for Sheep & Goat ○ ReproFat Plus ○ Nutritional packages ○ BULLMIN <p>(b) if so, the details thereof and if not, the reasons therefor;</p> <p>Area-Specific Mineral Mixture: The technology is area-specific and has been adopted in the region of Karnataka. The technology has been commercialized to Karnataka Milk Federation and M/s Nandi Agro-Vet Private Ltd., Bangalore for use by the farmers of the region. The technology has been shown tremendous response and had huge economic impact in milk production of Karnataka.</p> <p>Mineral Mixture for Sheep & Goat: This technology has been developed specific for small animals like sheep and goat based on their physiological needs as there was no specific mineral supplements for sheep and goat. The technology has been commercialized to four private entrepreneurs from Karnataka and Utter Pradesh for large scale production adoption to sheep farmers. The technology has proven benefits of increasing growth and immunity and has large economic impact.</p> <p>ReproFat Plus: A catalytic feed supplement which increase the milk fat and milk yield as well as enhance the fertility in cows. The technology has been validated by adopting in farmers' fields and farmers got benefits. For large scale adoption and sustainable production, the technology is under the process of commercialization.</p>	
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		<p>Nutritional packages: A nutritional packages of practices adopted in heifers in surrounding area of Bangalore. By correcting the fertility problems, a net enhancement of 45% in fertility has been achieved and farmers got huge economic benefits in terms of milk production. Farmers got economic benefits of Rs. 60,000/animal on milk production.</p> <p>BULLMIN: Efforts have been made to improve the reproductive efficiency in bulls in terms of good quality and volume of sperm and semen production by supplementing this bull-specific mineral mixture. This could help in sustainable livestock production by increasing the number straws for Artificial Insemination and better fertility.</p> <p>(c) Whether Government has commissioned research and/or undertaken steps for development of seed varieties that are resistant to diseases and extreme weather conditions; and (d) if so, the details thereof including the estimated time-frame of its availability in the market and if not, the reasons there for?</p> <p>- Not Applicable</p> <p><u>3. Lok Sabha Q. No. 3529 dated 09.02.2021</u></p> <p><u>Technologies for Agricultural Advancement (ICAR-NIANP)</u></p> <p>(a) The details of new technologies, which are being developed agricultural advancement and doubling the income of farmers during the last three years, particularly during COVID-19 period</p>							
		<table><tr><td>Name of the Technology</td><td>:</td><td>Doublesynch Protocol for improving fertility</td></tr><tr><td>Target</td><td>:</td><td>To improve the Fertility status and thus production in</td></tr></table>	Name of the Technology	:	Doublesynch Protocol for improving fertility	Target	:	To improve the Fertility status and thus production in	
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Target	:	To improve the Fertility status and thus production in							

			animals through oestrus induction	
	Achievements	:	The reproductive efficiency of cattle and buffaloes having reproductive problems was improved through estrus induction and timed AI using the synchronization protocol. The average conception rate was increased up to 68%.	
	Economic Benefits	:	Farmers' income enhanced by solving the reproductive problems	
	Name of the Technology	:	Nutritional Packages for enhancing Fertility of heifers and thus improve production	
	Target	:	Enhancing fertility in heifers	
		:	A package of practices consisting of specific feed supplement, vitamins (AD3E) and de-worming have been adopted to solve the problem faced by the rural dairy farmers to advance the age at first pregnancy in heifer cows.	
	Achievements	:	45% enhancement in pregnancy in heifers	
	Economic Benefits	:	❖ Economic Benefits up to Pregnant Stage: Rs. 10666/animal ❖ Economic Benefits on Lactation Rs. 40000/animal	
	<p>(b) The targets set/achieved so far: By adopting the above two technologies farmers' income has been increased</p> <p>(c) Whether the Government has any plans/schemes to support community, if so, the details thereof? No</p> <p><u>4. Parliament Question: LokSobha D. No. 5993</u></p>			
	Question		Reply	
	(a) The initiatives taken by the Government for innovation /development of new		<u>Development of New Technologies:</u> <u>2017-18: ReproFat Plus:</u> A catalytic feed supplement solving the problem of low milk fat and to enhance the fert	

	<p>technologies in the farm sector across the country during each of the last three years and the current year</p>	<p>in reproductive disordered animals. <u>2019-20: Bufasol:</u> A novel semen extender for cryo-preservation of buffalo semen <u>2020-21: Reprovardhak:</u> Hormone analogous for estrus induction in animals <u>2020-21: AbFree:</u> Antibiotic free growth promoter for poultry production <u>2009-10 (Continuous adoption and dissemination till date): Mineral Mixture for sheep and goat:</u> For improving health and immunity in sheep and goat <u>2010 (Continuous dissemination up to 2020) Drum Silage:</u>For preservation of green forages <u>2013 (Continuous dissemination up to 2021): Hydroponic fodder production:</u> Vertical green fodder production <u>2020-21: Ration Balancing Tools:</u> For balance feeding of all kind of animals <u>2017-18: HaritDhara and Tamarin Plus:</u> Anti-methanogenic feed supplements for reducing Greenhouse Gas (Methane) emission from animals <u>2018-19: Nutritional packages for fertility:</u> Improved fertility by correcting reproductive problems</p>	
	<p>(b) whether the Government has developed any mechanism to disseminate information about such innovation /technologies to the farmers during the said period</p>	<p>Yes.</p>	
	<p>(c) if so, the details thereof along with the number of farmers who have availed benefits from such innovation/technologies during the said period</p>	<p><u>Dissemination of Information:</u></p> <ul style="list-style-type: none"> ○ ReproFatPlus Technology has been disseminate to 130 farmers during the course of its validation. ○ Mineral Mixture for sheep and goat had been distributed to more than 100 livestock farmers through Farmers First 	

		<p>Projects and SCSP programme of ICAR</p> <ul style="list-style-type: none">○ AbFree technology has been disseminate to poultry farmers having 1000 birds.○ The technology of drum silage has been disseminate to 100 farmers○ A total of 45 farmers got benefit of Hydroponic technology for green fodder production. <p><u>MGMG Programme and SCSP Programme:</u> About 6000 beneficiaries has been distributed Technology Calendar mentioning all the information of above technologies. Information on most of the above technologies has been discussed to the farmers for livestock productivity improvement through frequent visits by the scientists under this programme.</p> <p><u>Training to state veterinary officers</u></p> <p>Training imparted to 88 veterinary officers on Farmer smart technologies for improvement of productive and reproductive performance of livestock under climate change scenario; on Integrated Nutrient Management Strategies for Small holder Crop Livestock Production System; Feed and Fertility Management; Ration Balancing Tools and Feed Chart; ASMM and Chelated Mineral supplementation for the benefits of the farmers in livestock production</p>										
<p><u>5. Lok Sabha D. No. 97969</u></p>												
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(g)	The initiatives taken by the Government to improve the research quality in the country and promote young minds in conducting studies in the field of agriculture	Help the students for undertaking research (Master's and Doctoral) as Research Guide by the scientists being the faculty of IVRI, NDRI, and by MoU with other state universities like KAVFSU, Bangalore, TANVASU, Chennai, RIVER, Puducherry, KAFSU, Kerala, Assam Agri. University, Khanapara, Assam																
		<u>6. Parliament Question: LokSobha D. No. 7495</u>																
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(a) The details of number and percentage of small and marginal	As such Information not available with us. Small and Marginal farmers in India: 126 million and																	

	farmers in the country, State-wise	86.2% (Source: Sustainability 2020, 12, 3751; doi:10.3390/su12093751 www.mdpi.com/journal/sustainability)	
	(b) Whether any low cost effective technique has been developed by the Agriculture Research Institutes for small land holdings in the country	<u>Low Cost-effective Technology for small holdings:</u> <ul style="list-style-type: none"> ➤ Area-Specific Mineral Mixture ➤ ReproFat Plus ➤ Mineral Mixture for sheep and goat ➤ Nutritional packages for enhancing fertility ➤ Drum Silage 	
	(c) If so, details thereof	<p><u>Area-Specific Mineral Mixture:</u> For correcting mineral deficiencies in animals; for improving fertility by ameliorating reproductive disorders; for increasing milk yield and milk fat. As compared to traditional mineral mixture, this area-specific mineral mixture composed of deficient/most limiting mineral elements in the region and hence is very cost-effective. On supplementation of this ASMM, more than 70% reproductive performance; 0.5-1.0 lit additional milk and 0.5 unit % milk fat improvement have been achieved which resulted in huge economic impact in livestock production by small and marginal farmers. This technology has been commercialized to Industry and Govt. undertaking enterprises for large scale application among the farmers.</p> <p>The technology is area-specific and has been adopted in the region of Karnataka. The technology has been commercialized to Karnataka Milk Federation and M/s Nandi Agro-Vet Private Ltd., Bangalore for use by the farmers of the region. The technology has been shown tremendous response and had huge economic impact in milk production of Karnataka.</p> <p><u>ReproFat Plus:</u> A catalytic feed supplement for solving the problem of low milk fat and to enhance the fertility in reproductive disordered animals. During the course of its</p>	

		<p>validation, more than 100 small and marginal farmers got benefitted in terms of increase in milk yield and milk fat and enhanced fertility.</p> <p><u>Mineral Mixture for sheep and goat:</u> For improving health and immunity in sheep and goat. This technology has been developed specific for small animals like sheep and goat based on their physiological needs as there was no specific mineral supplements for sheep and goat. Mineral Mixture for sheep and goat had been distributed to more than 100 livestock farmers through Farmers First Projects and SCSP programme of ICAR. The technology has been commercialized to four private entrepreneurs from Karnataka and Utter Pradesh for large scale production adoption to sheep farmers. The technology has proven benefits of increasing growth and immunity and has large economic impact.</p> <p><u>Nutritional packages for fertility:</u> Improved fertility by correcting reproductive problems. By correcting the fertility problems, a net enhancement of 45% in fertility has been achieved and farmers got huge economic benefits in terms of milk production. Farmers got economic benefits of Rs. 60,000/animal on milk production.</p> <p><u>Drum Silage:</u> For preservation of green forages. The technology of drum silage has been disseminate to 100 farmers small and marginal farmers.</p>	
	(d) The details of the step taken/being taken by the Government for providing such technique and assistance to the small and marginal farmers and measures being taken by the Government to make small holdings more feasible?	Through Farmers First Projects, All India Coordinated Project and SCSP programme of ICAR, New Delhi , those technologies have been disseminated, adopted and propagated to make small holdings more feasible.	

7. Lok Sabha Q No 12821 dated 23.03.2021 regarding Agriculture Research centres and Development Institutes

Sl. No .	Question	Reply
(a)	Whether agriculture Research and Development Institutes are working for the development of Agriculture sector in Maharashtra	Yes. In Livestock sector
(b)	If so, details thereof, location-wise	In Maharashtra, BAIF- Pune is one of the centers of AICRP on "Nutritional and physiological interventions to enhance reproductive performance in animals"
(c)	Whether the said agriculture research centre and development institutions have under taken agriculture developmental works during the last three years along with details thereof,	Yes. The center is working for the improvement in dairy animal productivity in terms of ration balancing, supplementation of limiting nutrients, precision feeding of breeding bulls and validation of technologies like semen extender and bull mineral mixture .
(d)	Extent to which growth in agricultural sector was achieved by the said developmental works?	To a significant extent, the research and development at BAIF has helped the farming community in Maharashtra.

8. Lok Sabha Provisionally admitted Question Dy. No. 13320 for the answer on 26.03.2021 on 'Animal Farming'.

Sl. No .	Question	Reply
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		(a)	Whether the Government is aware of the rise in the Green House Gas (GHG) from animal husbandry and agriculture sector, if so, the details thereof;	Yes. Globally, livestock due to fermentation emit about 80-90 million metric tons methane per annum, wherein Indian livestock contribute 9.25 million metric tons.
		(b)	The details of GHG emissions from the sectors;	As per our institute assessment, Indian livestock annually emit 9.25 million metric tonnes GHG (Methane) from the enteric fermentation.
		(c)	Whether there has been change in toxicity level in climate due to GHG emitted from the said sectors and if so, the details thereof;	Not Available
		(d)	Whether the Government has noticed any impact of the animal and farming industries on the environment and climate change and if so, details thereof;	<p>At institute level, study has been conducted to assess the impact of summer stress on goat production and reproduction.</p> <p><u>Summer Heat tolerant goat breed:</u> The comparative studies on three different indigenous breeds (Osmanabadi, Malabari and Salem Black) indicated the potential of Salem Black breed to survive and produce optimally under summer heat stress and it has been identified as a superior thermo-tolerant breeds specific to a tropical location.</p> <p><u>Effect of summer heat stress on reproductive functions of goats:</u> It has been found that heat stress brought in adverse impact on reproductive efficiency by</p>

			altering the expression patterns of FSHR, LHR, ESTRa, COX2 and PGF2a and PGF2 genes.	
	(e)	The details of the comparison of CO2 equivalent emissions and land area used for different food choices vegan vs vegetarian vs non-vegetarian or plant-based diet vs animal products based diet in the Indian context?	Not Available	
<p><u>9. Lok Sabha D. No. 97969</u></p>				

			details regarding the internships offered by the ministry		
		(f)	If not, the reasons therefor	The institute is not recognized under Deemed to be University	
		(g)	The initiatives taken by the Government to improve the research quality in the country and promote young minds in conducting studies in the field of agriculture	Help the students for undertaking research (Master's and Doctoral) as Research Guide by the scientists being the faculty of IVRI, NDRI, and by MoU with other state universities like KAVFSU, Bangalore, TANVASU, Chennai, RIVER, Puducherry, KAFSU, Kerala, Assam Agri. University, Khanapara, Assam	
		<p align="center"><u>10.Lok Sabha Provisionally admitted Question Dy. No. 13320 for the answer on 26.03.2021 on 'Animal Farming'.</u></p>			
		Sl. No .	Question	Reply	

		(a)	Whether the Government is aware of the rise in the Green House Gas (GHG) from animal husbandry and agriculture sector, if so, the details thereof;	Yes. Globally, livestock due to fermentation emit about 80-90 million metric tons methane per annum, wherein Indian livestock contribute 9.25 million metric tons.
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		(c)	Whether there has been change in toxicity level in climate due to GHG emitted from the said sectors and if so, the details thereof;	Not Available
		(d)	Whether the Government has noticed any impact of the animal and farming industries on the environment and climate change and if so, details thereof;	<p>At institute level, study has been conducted to assess the impact of summer stress on goat production and reproduction.</p> <p><u>Summer Heat tolerant goat breed:</u> The comparative studies on three different indigenous breeds (Osmanabadi, Malabari and Salem Black) indicated the potential of Salem Black breed to survive and produce optimally under summer heat stress and it has been identified as a superior thermo-tolerant breeds specific to a tropical location.</p> <p><u>Effect of summer heat stress on reproductive functions of goats:</u> It has been found that heat stress brought in adverse impact on reproductive efficiency by</p>

				altering the expression patterns of FSHR, LHR, ESTRa, COX2 and PGF2a and PGF2 genes.	
		(e)	The details of the comparison of CO2 equivalent emissions and land area used for different food choices vegan vs vegetarian vs non-vegetarian or plant-based diet vs animal products based diet in the Indian context?	Not Available	

******Annexure-II**

For point-4.6 : Details of RTI Request - Year 2021- 2022... till date):

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 07/05/22	Regarding details of all the SSS to T-1 promotion for last 10 years of NIANP	online	NA(Payment Gateway)		No.74. Replied on 27/05/2022 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

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 Desmukh	23/06/20 Received on 01/06/20	RTI Application Regarding Quarter allotment of NIANP	Direct	Rs. 20/-		F No. NIANP-RTI(IV)VND-BG-CPIO1/20-21/55 dt-22/06/2020
2.	Ms. Pamela Nagalaxmami Iyer	05/09/20 Received on	RTI application regarding different documents as expenditure(s) from SCSP funds given to ICAR-NIANP,	Direct	Rs. 20/-		F No. NIANP-RTI(IV) PNI-BG-CPIO1/2020-21/56

		12/09/20	Bangalore from Jan2014 to August 2020				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	RTI application regarding ICAR-NIANP providing Housekeeping Man power job contract services on contract basis	Direct	Rs.10/- (IPO) 55 F 302723		(Disposed/ No.60)

		26/04/21	(Year 2020-2021)				
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 cashier, NIANP of Mr. Rajesh Kumar M.L	Direct (Hard copy letter)	NA		F.No.NIANP-RTI(IV)/RAJESHKML-BG-CPIO 2-2021-22/66 dt-24/07/21
13.	Mr. Rajesh Kumar.M.L	02/08/21	Requesting the same information in free of cost by attaching copy of BPL	Direct	NA		F.No.NIANP-RTI(IV)/RAJESHKML

			Ration card				-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 1 st 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	Rs. 444/- as DD DD no	Rs. 444/-		F. No.-NIANP-RTI(IV) JSchau-Mathu-CPIO-02/2019-20/50

			print by registered post	027914, Dt. 11/06/19 HDFC Bank, Mathura, UP			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/- (49F29807 4 Dt. 01/10/10) Registered post no- RK016737 2270IN IVR: 827501673 7270 Dt-		F. No. NIANP-RTI(IV) TS-BG-CPIO/2019- 20/53 Dt.- 25/10/19 Dispatch Dak No- 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	Direct Online	Payment Gateway		Disposed

			forward by ICAR office “workers /employees engaged on permanent rolls and through contractors .				
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, Bengaluru	10-05-2018 online	Online direct application reg. no NIANP/R/2018/50002, dated 10-05-2018; regarding information on scientific cadre etc., and copy of the approval of council	Direct online	Payment Gateway	Gateway	Disposed

			(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 1 st 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.	Online through	Quarterly report		Uploaded the

			NIANP/R/2018/80004 Ref. no ICARH/R/2018/80383	ICAR	Oct-Dec 2018		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) <u>Name and details of Current CPIO</u> : Dr. K S Roy, Principal Scientist, ICAR-NIANP, Bangalore-560030 <u>Name and details of Current FAA</u> : Dr. Raghavendra Bhatta, Director, ICAR-NIANP, Bangalore-560030 (b) Earlier CPIO & FAAs from 1.1.2015 (b) <u>Earlier CPIO</u> : Dr. S B N Rao(from 1.1.2015 to 15.07.2017. Earlier FAA: Dr. Raghavendra Bhatta. Director, ICAR-NIANP, Bangalore- 560030 <u>Name and details of Earlier FAA</u> : Dr. Raghavendra Bhatta, Director, ICAR-NIANP, Bangalore-560030	Fully met

	<p>5.1.2. Details of third party audit of voluntary disclosure</p> <p>(a) Dates of audit carried out</p> <p>(b) Report of the audit carried out</p> <p>(Auditing of third party shall be conducted shortly; and necessary voluntary disclosure regarding the same shall be made immediately)</p>	Fully met
	<p>5.1.3. Appointment of Nodal Officers not below the rank of Joint Secretary/ Additional HoD</p> <p>(a) Date of appointment</p> <p>(b) Name & Designation of the officers</p> <p>(a) Date of Appointment of Nodal Officer:15th July'2017</p> <p>(b) Name & Designation of the officer: Dr. K S Roy, Principal Scientist, ICAR-NIANP,Bangalore-560030.]</p>	Fully met
	<p>5.1.4. Consultancy committee of key stake holders for advice on suo-motu disclosure</p> <p>(a) Dates from which constituted</p> <p>(b) Name & Designation of the officers</p> <p>(a) Dates from which constituted Dated -17/08/2019; F. No. NIANP/2-6(24)/Estt./Vol.V/2019-20/406</p> <p>(b) Name & Designation of the officers</p> <ol style="list-style-type: none"> 1. Dr. Raghavendra Bhatta, 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
	<p>5.1.5. Committee of PIOs/FAAs with rich experience in RTI to identify frequently sought information under RTI</p> <p>(a) Dates from which constituted</p> <p>(b) Name & Designation of the Officers</p>	Fully met

