### ANAND AGRICULTURAL UNIVERSITY ANAND-388 110, GUJARAT, INDIA



# Read: Minutes of 50<sup>th</sup> Meeting of Board of Management of Anand Agricultural University held on 02.05.2019 vide Item No. 50.25.

To offer an integrated programme leading to 'Post Graduate Diploma in Dairy Management' jointly by AAU and IRMA for the students selected from the B.Tech. (DT) programme admitted at AAU from Academic year 2019-20.

### NOTIFICATION

It is hereby notified to all concerned that 50<sup>th</sup> Meeting of the Board of Management of Anand Agricultural University, Anand held on 02.05.2019, vide item No. 50,25 has resolved as under:

"It is resolved and approved to offer an integrated programme leading to 'Post Graduate Diploma in Dairy Management' jointly with IRMA for the students selected from the B.Tech. (DT) programme admitted in SMC College of Dairy Science, AAU from the Academic year 2019-20. The modality/pedagogy for this course will be decided jointly with IRMA. The Board also approves the draft MoU to be signed with IRMA for the execution of the said programme."

No. AAU/DSC/Academic(PG)/ 3 オ/ Date: マタ-05-2019

2019

J.B. fre (J.B. PRAJAPATI)

### PRINCIPAL& DEAN FACULTY OF DAIRY SIGNECE

### Copy F.W. Cs. to:

- 1. All members of Board of Management of this University.
- 2. All Members of the Academic Council of this University.
- All Officers of this University.
- All Deans / Associate Deans of this University.
- 5. Unit / Sub Unit Officers of this University.

### Copy to:

- 1. P.S. to Hon'ble Vice Chancellor, AAU, Anand.
- 2. P.A. to Registrar, AAU, Anand.
- 3. Academic Branch, Registrar Office, AAU, Anand (20 copies).
- All Departments of this college.
- 5. Select file / Notification file.

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### Proposal for Integrated PGDDM

In its endeavour to serve the Dairy Industry with the best quality Professional Manpower, the SMC college of Dairy Science, proposes to offer an integrated programme leading to "Post Graduate Diploma in Dairy Management" through an agreement with IRMA, which will turn out highly skilled Dairy Technologists having excellent management capabilities.

The Dairy sector of the country is growing rapidly and in order to support this growth, trained Professionals are needed at both Managerial and Non-Managerial positions in Dairy organizations. It has been observed since long that B.Tech. (DT) students who are employed by dairy industry are usually placed at supervisory / lower level of managerial positions, whereas for pure managerial positions in dairy industry, candidates having management qualifications such as 'Master of Business Administration (M.B.A.) or equivalent degree' are preferred. Many of these M.B.A. students have their bachelor degree education in a field other than dairy technology. When such graduates are placed in managerial position in Dairy industry, they face lot of difficulties due to lack of technical knowledge about dairy technology. Against this, if dairy technologist having added management skills are made available to dairy industry, then definitely it will be a great advantage to the dairy industry as well as the dairy technologists.

In this line of thought, a formal meeting with Director IRMA and Hon. Vice Chancellor of AAU along with senior officials was held on 6th September 2018 (minutes given in Annexure-A), in which it was suggested to have integrated PG programme of five years duration leading to MBA degree. IRMA being a national institute of repute having high brand value, wanted to have such programs with institutions which have been proved for quality of its graduates in a long run. Hence, they wanted to have graduates only from SMC College of Dairy Science, Anand and National Dairy Research Institute Karnal. All the three parties agreed to this proposal in principle. A committee constituted in the meeting of 6th September 2018 by the university, met on 30th November 2018 and discussed about some modalities of the programme (minutes given in Annexure-B). Subsequently, a meeting was organized on 4th January 2019 in presence of Dr NC Patel. Hon. Vice Chancellor of AAU; Dr RRB Singh, Hon. Director and Vice Chancellor of NDRI, Prof. Hitesh Bhatt, Director, IRMA and other senior officers of all the three organizations, minutes are given in Annexure-C) Modalities for the execution of the programme were discussed at length and it was decided to call a meeting of Board of Studies of the Faculty of Dairy Science and send the formal resolution to the university.

Accordingly, the proposal was discussed and approved in Board of Studies and Faculty of Dairy Science meeting held on 16<sup>th</sup> January 2019(minutes given in Annexure-D). The said proposal was then approved by the Post Graduate Board of Studies in its 17<sup>th</sup> meeting held on 21-01-2019 vide Item no. 17.15 (minutes given in Annexure-E). Subsequently the matter was discussed and approved vide Item no 51.17 in 51<sup>st</sup> Academic Council meeting

held 08-03-2019 (minutes given in Annexure-F). To decide the fee structure and other modalities, a meeting of committee was organized at IRMA on 29<sup>th</sup> March 2019 (minutes given as Annexure-G). This proposal was also discussed and approved by the Board of Management of IRMAin its meeting held on 17-04-2019 (copy of resolution given as Annexure-II)

Based on the suggestions from Academic Council and subsequent meeting with IRMA, the proposal is revised and given below. Similar programme is also proposed to be started for NDR1 students with IRMA and hence mention of NDR1 is there where ever required. However, that programme will be executed under separate MoU between IRMA and NDR1.

Name of the programme	Post Graduate Diploma in Dairy Management (PGDDM)
Number of seats	Total 20
Duration	Five years
Degree	AAU will give the degree of B.Tech. (DT) after 4 years, and at the end of 5 <sup>th</sup> year, a joint degree of "Post Graduate Diploma in Dairy Management" will be given either by AAU but a with a certificate having logo of AAU, IRMA and NDRI
Eligibility criteria for B.Tech.(DT)	As per 5 <sup>th</sup> Deans committee report for admission to B.Tech. (DT) programme,10+2 pass with A or AB group. (PCM subjects are must). Other regulations are given in information booklet.
Mode of Admission to B.Tech. (DT)	As per existing rules and regulations being followed at AAU. Details of mode of admission to B.Tech. (DT) is given in the information booklet: AAU is giving admission based on the merit marks worked out on the basis of 60% weightage of marks obtained in theory papers of physics, chemistry and maths in 12 <sup>th</sup> board exam and 40% weightage of marks obtained in GUJCET exam.
Mode of Admission to PGDDM	From among the Students admitted in the First Semester of B.Tech. (DT) courses at SMC College of Dairy Science, AAU, Anand: IRMA will conduct a written test to screen interested students for PGDDM. IRMA will also organize group discussion/interview and finally shortlist 20 students, who will be eligible to undergo the proposed 5 year integrated programme.
Reservation policy	Admission to B.Tech. (DT) and Integrated PGDDM will be advertised together and the students will be admitted as per the existing policy of the government for reservation.

Pedagogy	a) The proposed PGDDM will have two parts – Part I and Part II.
	<ul> <li>b) The Part-I of the proposed PGDDM will be similar to that of the First Year and Part-II, will be similar to the Second year of IRMA's PGDRM programme in terms of credits, Field segments, etc. However its syllabus will focus on "Dairy Management".</li> </ul>
	c) The students selected will have to complete the Part –1 of PGDDM programme as additional courses during 2-7 semesters of their studies along with the regular courses of B.Tech. (DT) programme.
	d) There will be core faculty for teaching various courses of Part-I and II drawn from IRMA, AAU and NDRI.
	e) The faculties from IRMA will be the coordinator for the courses related to management and they will visit AAU and NDRI campuses and to cover the Part-I of PGDDM programme for the selected students. They will also have the responsibility of evaluating these students.
	f) The schedule of the PART –I of PGDDM will be so adjusted that it will not disturb the routine studies of B.Tech. (DT) students.
	g) If, at the end of 4th year, any student who has successfully completed B.Tech.(DT) and the Part-I of PGDDM, wishes to withdraw from the Part-II of PGDDM programme, then a Certificate of completion will be issued for undergoing First Year of its programme.
	<ul> <li>h) Further, only those students who have successfully completed the Part-I of PGDDM and successfully completed the B.Tech. (DT) course from their respective colleges, will be eligible to undertake the Part-II of the PGDDM programme.</li> </ul>
	<ol> <li>If a student wish to take a break before joining Part-II, he/she will be permitted to do so. However, he/she need to register for Part-II within 3 years from the date of completion of B.Tech.(DT) or Part-I of PGDDM whichever is later.</li> </ol>
	j) Successful completion of B.Tech.(DT) degree programme is a must for getting Part-I certificate or full PGDDM. A student, who is not able to clear B.Tech.(DT) degree requirements will not be given either of them.
	k) The Part-II of the PGDDM programme will be a full time course and shall be offered at AAU campus. AAU will provide available Hostel and lodging facilities to the students enrolled for Part-II of PGDDM programme as per AAU rules to the students

	of AAU	as well as	NDRI.				
	1) On successful completion of both Part-I and Part-II of PGDDN (i.e. at the end of 5th year) the students will get a "Post graduate Diploma in Dairy Management". The certificate with have logos of IRMA, AAU and NDRI but it will be signed by AAU authority as the diploma is considered to be given by AAU However, for NDRI students, their diploma certificate will be signed by NDRI authorities.						
Academic regulations	For B.Tech.(DT) students who are part of integrated programme, academic regulations as prescribed by AAU shall apply. However, for PGDDM, Part I and II both, the academic regulations prescribed by IRMA shall apply.						
Fee structure	Normal fee be paid for for integrat under to IR	the four year of the four year of the	ears. How	vever, tho	se studen	ts who a	re selecte
	Part-L of Semesters of B.Tech.(DT) prog PGDDM				ogramm	e	
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	Part-II of F			Fifth Yea	fifth Year of Studies		
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Programme Structure	The student management taught as P which will g about 4.5 adjusted in based on mu Remaining full time pro	it during it art-1 durin give extra 1 hours of 6 time table atual conve 17 subjects	te entire g second load of 2- extra tea either in enience o	study. Fro to sevent 3 courses ching per the even f IRMA au	om this, th semest per seme week. ting or o tid AAU	15 subject of B. ster. Thi This time Saturd faculties.	ets will be Tech.(DT s comes to e will be ay/Sunday

### Annexure-II

-	Rs 100 Stam	p Paper	

### About AAU [The First Party]

Anand Agricultural University, having its office at Anand – 388 110, Gujarat, India, hereinafter referred to as AAU (which expression unless it is repugnant to the context or meaning thereof shall be deemed to mean and include its successors and assigns of the other part).

Anand Agricultural University, Anand is a Body Corporate established with the support of the Government of Gujarat Act No. 5 of 2004. Caved out of the erstwhile Gujarat Agricultural University (GAU), the dream institution of Sardar Vallabhbhai Patel and Dr. K. M. Munshi, the AAU was set up to provide support to the farming community in three facets namely education, research and extension education activities in Agriculture, Horticulture, Animal Husbandry, Dairy, Food Processing, Agricultural Engineering, etc. AAU's activities have expanded to span newer commodity sectors such as soil health card, bio-diesel, medicinal plants, etc. apart from the mandatory ones like rice, maize, tobacco, vegetable crops, fruit crops, forage crops, animal breeding, nutrition and dairy products etc. The core of AAU's operating philosophy however, continues to create the partnership between the rural people and committed academia as the basic for sustainable rural development. In pursuing its various programmes, AAU's overall mission is to promote sustainable growth and economic independence in rural society. AAU aims to do this through education, research and extension education. Thus, AAU works towards the empowerment of the farmers and also develop competent human resource for the agriculture and allied sectors.

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### And

### About IRMA [the second party]

Institute of Rural Management Anand, is a society duly registered under the provisions of Societies Registration Act, 1960 and having its registered office at Institute of Rural Management Anand at Post Box no.60, Anand – 388001, Gujarat, India, hereinafter referred to as IRMA (which expression, unless it is repugnant to the context or meaning thereof shall be deemed to mean and include its successors and assigns of the one part).

Institute of Rural Management Anand (IRMA) is a premier academic institution of India dedicated to the mission of promoting professional management of sustainable organizations for eco-friendly and equitable socio economic development of rural people. Established in 1979, with the support of the State Government of Gujarat. National Dairy Development Board (NDDB), and the erstwhile Indian Dairy Association, IRMA strives to create professional managers for strengthening primary producers' organizations and undertake other activities for development of under privileged and marginalized people through teaching, training, research and consultancy activities. IRMA has successfully created and nurtured the discipline of rural management as a discipline, and nearly over past four decades, IRMA has been committed to excellence in scholarship through its academic programmes (Post Graduate Diploma in Rural Management, Fellow Programme in Rural Management); management development programmes (MDP), research, Consultancy and Publications. IRMA also has established five Centres of Excellence with the support of the Ministry of Rural Development, Government of India, and grameen gyan kosh (GGK)- a web based repository of rural knowledge. The institute has also established RBI Endowment Unit with an RBI Chair Professor in Rural Economics and Dr. Verghese Kurien Chair (VKCoE). Bank of Baroda Chair.

(IRMA and AAU are individually referred to as a Party and collectively as "Parties")

### Whereas,

AAU and IRMA (hereafter referred to as the parties) agree to promote and facilitate academic and scientific cooperation, among others, on conducting

- Joint Research Projects related to Agriculture and Dairy sector(s)
- To start joint academic programme leading to post graduate diploma, degree and Fellow programme (Equivalent to PhD) in Rural management with specific attention to Agriculture and Dairy sector(s)

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- To organize and/or participate in Seminars, Conferences, workshops and training programme related Agriculture and Dairy sector(s)
- To allow exchange of faculty members in Management Development programmes either as faculty or participants
- The exchange of faculty to the mutual benefit of both institutions
- Collaboration in teaching, case development, research and development, publications, and consultancy studies in the field of mutual interest
- · Conducting study tours and joint consultancy work
- Any other approach which promotes growth in Agriculture and Dairy sector(s)
- Engage in policy briefs and related publications and engagement with policy
  makers and network partners

Considering the advantages to be derived from academic and scientific cooperation shall be beneficial to both the parties and nation as a whole, it is agreed between the parties on the following:

### I. Purpose

It is the aim of the parties to promote and strengthen cooperation on joint activities with a view to enhance growth of Agriculture and Dairy sector(s) of India while giving importance to global scenario. The parties will seek to accomplish this aim through joint activities on the basis of mutual benefits.

### **II.** Forms of Cooperation

This MoU includes, but is not limited to, the following types of cooperation:

- Exchange of know-how related to Agriculture and Dairy sector(s)
- Develop concrete plans for training, education, and research through faculty and students etc.
- Other mutually agreed activities as stipulated in working agreements and project plans for specific projects

### III. Areas of Cooperation

Joint activities will be based on specific proposals that specify objectives, activities, expected outputs and resources needed to achieve the desired results. The specific proposals shall form a part of this MoU.

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A specific proposal to start an Integrated Programme leading to B.Tech.(DT) and Post Graduate Diploma in Dairy Management is given as Annexure-I. This Programme will be executed under the umbrella of this MoU.

### IV. Implementation

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All activities undertaken shall conform to the policies and procedures in force within respective organizations. Each activity will be jointly planned, implemented and evaluated. Financial arrangements related to specific projects will be addressed in working arrangements specified in each project proposal.

This MoU does not obligate either Party to provide funding or direct support for future collaborative activities other than those mentioned in specific proposals. However, either party, or both, may choose to provide support on a case-by-case basis vide separate agreements.

### V. Supervision

committee under the chairmanship of one of its members as jointly agreed by Vice Chancellor, AAU and Director, IRMA. Constitution and tenure of the committee will also be jointly decided by Vice Chancellor, AAU and Director, IRMA.

### VI. Intellectual Property and Rights

The intellectual property rights of each party shall be respected. Intellectual property rights resulting from achievements in common projects shall be owned jointly by both the parties to this MoU.

All work submitted must be the original work of the attributed scientist/author/artist. IRMA shall be held responsible, both financially and judicially, for any plagiarized work that it submits.

All work submitted – such as reports, studies or other documents, graphs, logos, brands, photographs, or other visual supports prepared by IRMA for AAU under the present MoU shall belong and remain the property of AAU. When referring to the work produced, due credit must be attributed to AAU. IRMA cannot, in any case, claim royalties linked to the activities referred to in the present MoU.

Similarly, all work submitted – such as reports, studies or other documents, graphs, logos, brands, photographs, or other visual supports prepared by AAU for IRMA under the present MoU shall belong and remain the property of IRMA. When referring to the work produced, due credit must be attributed to IRMA. AAU will not, in any case, claim royalties linked to the activities referred to in the present MoU.

### VII. Confidentiality

The data generated or other information shared by either party shall not be used for any other purpose other than what is specified in the approved project proposal by the other party.

Either party shall be entitled to disseminate or publish any results obtained by execution of a specific proposal, within the scope of this MoU, provided the cooperation programme and the names of the other researchers are duly acknowledged in all papers and/or other publications with prior approval.

Either party shall not, during the whole duration of the MoU and for a subsequent two years after its expiration, divulge any information that would be property of either party or property held by parties jointly.

### VIII. Duration, Amendments, Extension and Termination

This MoU will be implemented under joint coordination.

This MoU will remain effective for 5 (five) years from the date of signature, and may be extended and amended upon the mutual written consent of both the parties. The agreement may be terminated by either party by issuing notice in writing to the other at least 3 (three) months prior to its termination.

This MoU does not, in and of itself, oblige either IRMA or AAU, to any financial commitment not explicitly mentioned in this MoU. Such obligations, if any, will be made as part of the specific proposals and other project plans, which may be developed under such agreements for specific projects. The parties to this MoU may in writing, add, modify, amend or delete any words, phrases, sentences or Article in this MoU after mutual agreement.

### IX. Arbitration & Legal Jurisdiction

If there arises any dispute with regards to interpretation or implementation of this Agreement, it will be settled through mutual discussion between both sides, in the first instance. If there are any unresolved issues, the same will be referred to mutually agreed third party Arbitrator for arbitration and the cost of arbitration will be shared between both the parties equally.

The Language of Arbitration shall be English.

The legal jurisdiction shall be Anand, Gujarat.

The venue of Arbitration shall be Anand and the Courts at Anand only shall have exclusive jurisdiction to entertain and adjudicate any dispute between the parties arising out of this MoU or any agreement/s resulting out of this MoU.

### X. Waiver

Failure by AAU or IRMA to enforce at any time or any period any one or more of the terms or conditions of this Agreement shall not be a waiver of them or the right at any time subsequently to enforce all terms and conditions of this Agreement.

FOR AAU

Name: Dr. M.N. Brahmbhatt Designation: Registrar Anand Agricultural University FOR IRMA

Name : Prof. Hitesh V. Bhatt Designation: Director, Institute of Rural Management Anand

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Signature and Seal :

Witness

Signature and Seal :

Witness

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#### Annexure-I

### Proposal for Integrated PGDDM

#### Genesis of the proposal:

The Dairy sector of the country is growing rapidly and in order to support this growth, trained Professionals are needed at both Managerial and Non-Managerial positions in Dairy organizations. It has been observed since long that B.Tech. (DT) students who are employed by dairy industry are usually placed at supervisory / lower level of managerial positions, whereas for pure managerial positions in dairy industry, candidates having management qualifications such as 'Master of Business Administration (M.B.A.) or equivalent degree' are preferred. Many of these M.B.A. students have their bachelor degree education in a field other than dairy technology. When such graduates are placed in managerial position in Dairy industry, they face lot of difficulties due to lack of technical knowledge about dairy technology. Against this, if dairy technologist having added management qualification are made available to dairy industry, then definitely it will be a great advantage to the dairy industry as well as the dairy technologists.

In this line of thought, a formal meeting with Director IRMA and Hon. Vice Chancellor of AAU along with senior officials was held on 6th September 2018, in which it was suggested to have integrated PG Programme of five years duration leading to MBA degree. IRMA being a national institute of repute having high brand value, wanted to have such Programmes with institutions which have been proved for quality of its graduates in a long run. Hence, they wanted to have graduates only from SMC College of Dairy Science, Anand and National Dairy Research Institute Karnal. All the three parties agreed to this proposal in principle and suggested to have agreement among AAU, IRMA and NDRI, Karnal. A committee was constituted to work out the details for the Programme. A meeting was also organized on 4th January in presence of Dr NC Patel, Hon. Vice Chancellor of AAU: Dr RRB Singh, Hon. Director and Vice Chancellor of NDRI, Prof. Hitesh Bhatt, Director, IRMA and other senior officers of all the three organizations. Modalities of the execution of the Programme were discussed at length. Based on the discussion in the meeting, an agenda was placed in the Faculty meeting of SMC College of Dairy Science on 16th January 2019. The said proposal was then approved by the Post Graduate board of studies in its 17th meeting held on 21-01-2019 vide Item no. 17.15. Subsequently the matter was discussed and approved vide Item no 51.17 in 51st Academic Council meeting held 08-03-2019. This proposal was also discussed and approved by the Board of Management meeting of IRMA on 17th April 2019. The said proposal is placed for approval by the Board of Management of AAU in its meeting held on 2<sup>nd</sup> May 2019.

The details of proposal are given below:

Name of the Programme	Post Graduate Diploma in Dairy Management (PGDDM)
Number of seats	Total 20
Duration	Five years
Degree	AAU will give the degree of B.Tech. (DT) after 4 years, and at the end of 5 <sup>th</sup> year, a joint degree of "Post Graduate Diploma in Dairy Management" will be given either by AAU but a with a certificate having logo of AAU, IRMA and NDRI
Eligibility criteria for B.Tech.(DT)	As per 5 <sup>th</sup> Deans committee report for admission to B.Tech. (DT) Programme. 10+2 pass with A or AB group. (PCM subjects are must). Other regulations are given in information booklet.
Mode of	As per existing rules and regulations being followed at AAU.
Admission to B.Tech. (DT)	Details of mode of admission to B.Tech. (DT) is given in the information booklet. AAU is giving admission based on the merit marks worked out on the basis of 60% weightage of marks obtained in theory papers of physics, chemistry and maths in 12 <sup>th</sup> board exam and 40% weightage of marks obtained in GUJCET exam.
Mode of Admission to PGDDM	From among the Students admitted in the First Semester of B.Tech. (DT) courses at SMC College of Dairy Science, AAU, Anand; IRMA will conduct a written test to screen interested students for PGDDM. IRMA will also organize group discussion/interview and finally shortlist 20 students, who will be eligible to undergo the proposed 5 year integrated Programme.
Reservation policy	Admission to B.Tech. (DT) and Integrated PGDDM will be advertised together and the students will be admitted as per the existing policy of the government for reservation.
Pedagogy	a) The proposed PGDDM will have two parts - Part I and Part II.
	b) The Part-1 of the proposed PGDDM will be similar to that of the First Year and Part-II, will be similar to the Second year of IRMA's PGDRM Programme in terms of credits, Field segments, etc. However its syllabus will focus on "Dairy Management".
	c) The students selected will have to complete the Part –I of PGDDM Programme as additional courses during 2-7 semesters of their studies along with the regular courses of B.Tech. (DT) Programme.
	d) There will be core faculty for teaching various courses of Part- and II drawn from IRMA, AAU and NDRI.

	e) The faculties from IRMA will be the coordinator for the courses related to management and they will visit AAU and NDRI campuses and to cover the Part-I of PGDDM Programme for the selected students. They will also have the responsibility of evaluating these students.
	f) The schedule of the PART –I of PGDDM will be so adjusted that it will not disturb the routine studies of B.Tech. (DT) students.
	g) If, at the end of 4th year, any student who has successfully completed B.Tech.(DT) and the Part-I of PGDDM, wishes to withdraw from the Part-II of PGDDM Programme, then a Certificate of completion will be issued for undergoing First Year of its Programme.
	h) Further, only those students who have successfully completed the Part-I of PGDDM and successfully completed the B.Tech. (DT) course from their respective colleges, will be eligible to undertake the Part-II of the PGDDM Programme.
	<ul> <li>i) If a student wish to take a break before joining Part-II, he/she will be permitted to do so. However, he/she need to register for Part-II within 3 years from the date of completion of B.Tech.(DT) or Part-I of PGDDM whichever is later.</li> </ul>
	j) Successful completion of B.Tech.(DT) degree Programme is a must for getting Part-I certificate or full PGDDM. A student, who is not able to clear B.Tech.(DT) degree requirements will not be given either of them.
	k) The Part-II of the PGDDM Programme will be a full time course and shall be offered at AAU campus. AAU will provide available Hostel and lodging facilities to the students enrolled for Part-II of PGDDM Programme as per AAU rules to the students of AAU as well as NDRI.
	<ol> <li>On successful completion of both Part-I and Part-II of PGDDM (i.e. at the end of 5th year) the students will get a "Post graduate Diploma in Dairy Management". The certificate with have logos of IRMA, AAU and NDRI but it will be signed by AAU authority as the diploma is considered to be given by AAU. However, for NDRI students, their diploma certificate will be signed by NDRI authorities.</li> </ol>
Academic regulations	For B.Tech.(DT) students who are part of integrated Programme, academic regulations as prescribed by AAU shall apply. However, for PGDDM, Part I and II both, the academic regulations prescribed by IRMA shall apply.

Fee structure	Normal fee be paid for for integrat under to IR	the four ye ed PGDD	ears. How	vever, tho:	se studen	ts who a	re selected	
	Part-I of Semesters of B.Tech.(DT) Programme PGDDM						e	
	·	Second	Third	Fourth	Fifth	Sixth	Seventh	
	Fees Rs.	18000	18000	19500	19500	21000	21000	
	Part–II o PGDDN			Fifth Year of Studies			11	
		T	Term-I		Term-II		Term-III	
	Fees Rs	. 5	54000 540		4000	000 5400		
Programme Structure	Fees Rs.540005400054000The students are required to undergo about 32 subjects related to management during the entire study. From this, 15 subjects will be taught as Part-I during second to seventh semester of B.Tech. (DT) which will give extra load of 2-3 courses per semester. This comes to about 4.5 hours of extra teaching per week. This time will be adjusted in time table either in the evening or on Saturday/Sunday based on mutual convenience of IRMA and AAU faculties. Remaining 17 subjects will be taught in 5 <sup>th</sup> year by IRMA faculty as							

Annexuse - A

# ANAND AGRICULTURAL UNIVERSITY ANAND - 388 110

## Minutes of the Meeting with Director, IRMA held on 06-09-2018 at 14.30 PM, at Conference Hall, Vice Chancellor's office, AAU, Anand.

A meeting was held under the Chairmanship of Hon'ble Vice Chancellor Dr. N. C. Patel with Director, IRMA and Senior Professors of IRMA, Anand for discussing possible collaborative educational programmes and activities between AAU, Anand and IRMA, Anand. Following University Officers/Deans/Faculty of AAU/IRMA were present.

- 1. Prof. Hitesh V. Bhatt, Director, IRMA, Anand
- 2. Dr. K. B. Kathiria, Director of Research & Dean, P.G. Studies, AAU, Anand
- 3. Dr. Arun Patel, Director of Extension Education, AAU, Anand
- 4. Prof. Harikrishna Mishra, IRMA, Anand
- 5. Prof. Mukul Kumar, IRMA, Anand
- 6. Dr. Y. C. Zala, Principal/Dean, IABMI, AAU, Anand
- 7. Dr. D.R. Kathiriya, Dean, CAIT, AAU, Anand
- 8. Dr. M. K. Jhala, Associate Director of Research, AAU, Anand
- 9. Dr. R. F. Sutar, I/c Principal/Dean, College of FPT & BE, AAU, Anand
- 10. Dr. R. V. Vyas, Representative of Principal/Dean, BACA, AAU, Anand
- 11. Dr. B. P. Joshi, Representative of Principal/Dean, CoVS & A.H., AAU, Anand
- 12. Dr. Atanu Jana, Representative of Principal/Dean, SMC College of Dairy Science, AAU, Anand
- 13. Dr. D. D. Patel, Technical Officer to Hon ble Vice Chancellor, AAU, Anand

Hon'ble Vice Chancellor Dr. N. C. Patel welcomed Director, IRMA & Senior Professors of IRMA and appreciated the interest shown by IRMA for collaborative education programmes and activities with AAU. He opined that being neighboring institutes, it is high time for undertaking suitable collaborative educational activities.

Prof. Hitesh V. Bhatt, Director, IRMA elaborated on various programmes and activities undertaken by IRMA. He expressed that IRMA and AAU, Anand, both being reputed institutions can join hands in the areas of quality Human Resource Development (HRD) through mutually agreed agricultural research and educational programmes.

Dr. M. K. Jhala, Associate Director of Research, informed the house about the previous discussions and interactions held with IRMA with regards to possible collaborative activities, particularly the matter related to affiliation/recognition of FPRM (Fellow Programme in Rural Management) of IRMA for awarding Ph.D. degree by AAU.

After thorough discussion on various aspects of possible collaborations, following decisions were made.

1. On request by Director, IRMA, a process for affiliation/recognition of its FPRM (For Doctorate degree) may be started after studying the concerned provisions of both the

Following committee was nominated to study various administrative, technical and logistic aspects for granting such affiliation

- i) Dr. K. B. Kathiria, Director of Research & Dean, P.G. Studies, AAU, Anand-Chairman ii)
- Prof. Mukul Kumar, IRMA, Anand-Member iii)
- Dr. M. K. Jhala, Associate Director of Research, AAU, Anand-Member iv)
  - Dr. M. N. Brahmbhatt, Registrar, AAU, Anand-Member Secretary

The above committee will meet at suitable time and work out a modality required for giving affiliation/recognition to FPRM (for Doctorate degree) of IRMA.

- 2. Integrated P.G. Programme of five years duration leading to M.B.A. degree can be started through tripartite MoU between AAU, IRMA and NDRI, Karnal. This will be a unique programme at national level with a potential to provide quality human resource required byvarious stakeholders. Following committee was nominated to discuss administrative and technical aspects for such a programme and make suitable suggestions.
  - Prof. Harikrishna Mishra, IRMA, Anand-Chairman
  - Dr. J. B. Prajapati, Principal/Dean, SMC College of Dairy Science, AAU, Anandii)
  - Dr. Y. C. Zala, Principal/Dean, IABMI, AAU, Anand- Member iii) iv)
  - Dr. M. N. Brahmbhatt, Registrar, AAU, Anand-Member Secretary

The member secretary shall convene the required meetings as early as possible in consultation with respective Chairman and submit the report to Hon'ble Vice Chancellor, AAU, Anand and Director, IRMA.

The meeting ended with vote of thanks by Dr. M. K. Jhala.

No. AAU/DR/RES/T-5/506 Date: 12/09/2018 /2 /2018

Augdete

Director of Research & Dean P.G. Studies

### Copy to:

- 1. PS to Hon'ble Vice Chancellor, AAU, Anand
- 2. Director, IRMA, Anand
- Contemporal Agriculture/Veterinary/Dairy Science/FPT & BE/ IABMI/AIT/AET, AAU Anand/Godhra
  - 4. The Registrar, AAU, Anand for necessary action

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Minutes of the meeting with IRMA, Anand for five years integrated programme of Post graduate Diploma in Dairy Business Management held on 30-11-2018 at 11.00 hrs at University Bhavan AAU, Anand.

Following members remained present in the meeting.

- 1. Dr. K. B. Kathiria, Director of Research & Dean PG Studies, AAU, Anand Tiward No.
- Pro. Mukul Kumar, Senior Professor, IRMA (as a representative of Chairman of the committee)
- 3. Dr. J. B. Prajapati, Principal/ Dean, SMC College of Dairy Science, AAU, Anand
- 4. Dr. Y. C. Jhala, Principal, Internationa Agri-Business Management, AAU, Anand
- 5. Dr. M. K. Jhala, Associate Director of Research, AAU, Anand Invitee
- 6. Dr. M. N. Brahmbhatt, Registrar, AAU, Anand Member Secretary

Dr. M. N. Brahmbhatt, Registrar, welcomed all the members and briefed about possible collaborative educational programme between IRMA and AAU for five years integrated programme.

Dr. J. B. Prajapati, Principal & Dean, SMC College of Dairy Science, AAU, Anand informed that during the 24<sup>th</sup> meeting of Academic Council, an item note was placed regarding starting of five year integrated B.Tech.(D.T.) programme leading to Post Graduate Diploma in Dairy Business Management and it was resolved that AAU will make MoU with IRMA to implement this programme.

Dr. K.B.Kathiria suggested that Principal and Dean, SMC College of Dairy Science, shall prepare a draft report for starting Dairy Business Management Course in collaboration with IRMA and NDRI. It was suggested that the admission to B.Tech. (DT) students will be given by entrance test by IRMA. The intake capacity will be mutually decided by IRMA and AAU. After preparing the draft report, it may be sent to IRMA for further study, then it will be placed to respective authorities of this University for final approval.

After thorough discussion, it was suggested that Dr. J. B. Prajapati, Principal & Dean shall send a proposal to IRMA with brief details of new PG programme, and after approval from IRMA, it will be placed before the Academic Council and Board of Management for approval.

The meeting ended with vote of thanks

No.AAU/REG/Exam/PG/ 17-5 /2018 Date: 3-12-2018

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Minutes of the Meeting on integrated PG program of five year during leading to MBA degree through tripartite MoU between AAU, IRMA and NDRI, Karnal, held on 4<sup>th</sup> January 2019, in Navneet Hall, SMC College of Dairy Science. Anand Agricultural University, Anand. at 11.00 a.m.

Sr. no.	Name and Designation
1	Dr N.C. Patel, Hon'ble Vice Chancellor, Anand Agricultural University, Anand.
2	Dr. R.R.B. Singh, Hon'ble Vice Chancellor, ICAR-NDRI, Karnal.
3	Prof. Hitesh Bhatt, Director, IRMA, Anand
4	Dr. K. B. Kathiria, Director of Research and Dean PG Studies, AAU, Anand
5	Dr. J. B. Prajapati, Principal and Dean, SMC College of Dairy Science, AAU, Anand
6	Dr. M. K. Jhala, Associate Director of Research (Animal Science), AAU, Anand.
7	Prof. Harekrishna Misra, IRMA, Anand
8	Dr. P. Narender Raju, Scientist (Senior scale), ICAR-NDRI, Karnal.
9	Dr. D. H. Patel, Assitant Registrar ( Academic), AAU, Anand.

At the outset, Dr. J. B. Prajapati, welcomed all the members and apprised them that Dr. H. K. Misra (Prof. IRMA), had prepared a draft proposal for the 5 year Integrated B.Tech (D.T.) and MBA Programme.

Dr. Prajapati, requested the members of the house to go through the draft proposal and give their comments on it.

Dr. R.R.B Singh, Hon'ble Vice Chancellor, NDR). Karnal, suggested that the students who are selected for the proposed 5 year integrated programme by conducting a test by IRMA, should not be again asked to clear CAT/XAT/ GMAT test after 4<sup>th</sup> year if they wish to complete the Second Year of the IRMA PGDRM module. All the members of the house expressed the same view and it was resolved to drop such a condition from the proposal.

Prof. Hitesh Bhatt, Director IRMA informed the house that IRMA does not give MBA degree, however it gives a Post Graduate Diploma for its Two-year programme ( for e.g. Post Graduate Diploma in Rural Management). He stated that the for the proposed 5 year integrated programme, IRMA will give a degree of "Post Graduate Diploma in Dairy Management".

At this juncture, Dr. N. C. Patel, Hon'ble Vice Chancellor, Anand Agricultural University, made the following remarks.

- a) A more comprehensive proposal needs to be prepared with proper justification for offering a programme and other modalities.
- b) Important aspects related to the syllabus, course structure, pedagogy, selection procedure, fee structure etc., should be spelled out clearly in the comprehensive proposal.
- c) The comprehensive proposal should then be put before appropriate Academic bodies [Board of Studies (PG), Academic Council] and necessary approvals be obtained.
- d) Efforts should be made to ensure that the proposed 5 year integrated programme can be offered from the Academic year 2019-20 itself.

The members discussed in detail about various issues such as - course structure, pedagogy, evaluation, fee structure, awarding the degree, and so on.

At the end, the following points regarding the proposed 5 year integrated programme were finalized:-

- i) The number of seats will be 20 (10 each from AAU and NDR1).
- After 4<sup>th</sup> year AAU/NDRI will give the degree of B.Tech (D.T.) and at the end of 5<sup>th</sup> year, IRMA will give a degree of "Post Graduate Diploma in Dairy Management".
- iii) Admission Procedure:
  - From among the Students admitted in the First Semester of B.Tech (D.T) courses at AAU and NDRI, the IRMA will conduct a test and shortfist 20 students who will be eligible to undergo the proposed 5 year integrated programme.
  - Further, the government norms for Reservation will be applicable to these 20 seats also.
- iv) Pedagogy:
  - The selected 20 students will have to complete the First Year of IRMA's PGDRM module (along with Field segments) during their 4 year B.Tech (D.T) period.
  - The teaching faculty from IRMA will visit AAU and NDRI campuses and cover the above mentioned First Year of IRMA's PGDRM module (along with Field segments) for the selected 20 students.
  - They will also have the responsibility of evaluating these 20 students.
  - Dr. H K Misra Prof. IRMA will prepare a "Tentative Sessions plan' by 8<sup>th</sup> January 2019, which can be implemented at AAU and NDR1
- v) At the end of 4<sup>th</sup> year, if any student form the selected 20 students, wishes to withdraw from the Second Year academic requirements, a Certificate of completion will be issued by IRMA for undergoing First Year of its programme.

- vi) The students desirous of completing the 5<sup>th</sup> year and earning the PG Diploma in Dairy Management, will have to stay at AAU campus. They will be provided Hostel and lodging facilities in the AAU campus. During their 5<sup>th</sup> year, the Teaching faculty from IRMA shall visit the AAU campus and cover the Second Year of IRMA's PGDRM module.
- vii) On successful completion of 5th year the students will get a PG Diploma in Dairy Management.
- viii) Regarding the clarification of Fees for the proposed programme, Dr. H. K. Misra said that by 10<sup>th</sup> January, 2019, he will be able to prepare a 'Cost sheet' for the proposed course and then after the final fee structure will be decided.
- ix) Finally, it was decided that the comprehensive Proposal will be prepared by taking into considerations the points discussed in the above meeting and the members of the Tripartite MoU (IRMA, AAU and NDRI) should meet again on 19<sup>th</sup> January 2019 and approve the comprehensive proposal.

The meeting ended with a vote of thanks by Dr. J B. Prajapati.

Date: 8/1/2019

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Dr. J. B. Prajapti (Principal and Dean)

### Minutes of the Joint Meeting of Third Board of Studies & Seventeenth Meeting of Faculty of Dairy Science, AAU, Anand

Joint Meeting of Third Board of Studies and the Seventeenth Meeting of the Faculty of Dairy Science was held on 16.01.2019, at 03.00 p.m. in the Navneet Hall of SMC College of Dairy Science, AAU, Anand.

The following members attended the meeting.

- 1 Dr. K.B. Kathiria, Director of Research and Dean, PG Studies, AAU, Anand.
- 2 Dr. A.A. Patel, Director of Extension Education, AAU, Anand.
- 3 Dr. J.B. Prajapati, Principal & Dean, SMC College of Dairy Science, AAU, Anand
- 4 Dr. D.H. Patel, Assistant Registrar (Academic), Anand Agricultural University, Anand
- 5 Dr. B.P. Shah, Retd. Principal & Dean, SMC College of Dairy Science, AAU, Anand.
- 7 Dr. P.N. Thakar, Retd. Head of the Department of Dairy Business Management, SMC College of Dairy Science, AAU, Anand
- 8 Shri Sameer Saxena, Sr. Manager (Production), GCMMF, Anand
- 9 Dr. R.K. Jain, Principal, A.D. Patel Institute of Technology, V.V. Nagar
- 10 Dr. J.B. Upadhyay, Professor & Head, Dairy Engineering Department, SMC College of Dairy Science, AAU, Anand
- 11 Dr. A. Jana, Professor & Head, Department of Dairy Processing & Operations, SMC College of Dairy Science, AAU, Anand.
- 12 Dr. Sunita V. Pinto, Professor & Head, Dairy Technology Department, SMC College of Dairy Science, AAU, Anand.
- 13 Dr. A.K. Makwana, Associate Professor & Head, Dairy Business Management Department, SMC College of Dairy Science, AAU, Anand
  - 14 Dr. B.M. Mehta, Associate Professor & Head, Dairy Chemistry Department, SMC College of Dairy Science, AAU, Anand.
  - 15 Dr. J.P.Prajapati, Professor, Dairy Technology Department, SMC College of Dairy Science, AAU, Anand.
- 16 Dr. S.M. Patel, Professor (P), Dairy Engineering Department, SMC College of Dairy Science, AAU, Anand.
  - 17 Dr. A.I. Shaikh, Associate Professor and Academic In-charge (PG), Dairy Chemistry Department, SMC College of Dairy Science, AAU, Anand.
  - 18 Dr. A.J. Gokhale, Assistant Professor, Dairy Technology Department, SMC College of Dairy Science, AAU, Anand.
  - 19 Dr. S.C. Parmar, Assistant Professor, Dairy Chemistry Department, SMC College of Dairy Science, AAU, Anand.
    - 20 Shri M.D. Gurjar, Assistant Professor, Dairy Business Management Department, SMC College of Dairy Science, AAU, Anand.
    - 21 Ms. Shrusti Makwana, PG Student, Department of Microbiology (DM)

### Invitee Members

- 1 Dr. R.F.Sutar, Principal & Dean, FPT&BE, AAU, Anand
- 2 Dr. D.C.Joshi, Retd. Principal & Dean, HPT&BE, AAU, Anand
- 3 Dr. K.D. Aparnathi, Retd. Professor & Head, Dairy Chemistry Department, SMC College of Dairy Science, AAU, Anand
- 4 Shri D.R. Shah, Managing Director, Vidya Dairy, Anand.
- 5 Dr. Sreeja V, Assistant Professor, Dairy Microbiology Department, SMC College of Dairy Science, AAU, Anand.

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At the outset, Dr. J.B. Prajapati, Principal & Dean welcomed all the members of the house and briefed them about the meeting.

Later on agenda items were taken up as under.

# Item No. 17.1: Confirmation of the Minutes of Joint meeting of Second Board of Studies & Sixteenth Meeting of Faculty of Dairy Science held on 16.07.2018 at 10:00 am.

The Minutes of Joint meeting of Second Board of Studies and Sixteenth Meeting of Faculty of Dairy Science were approved.

Item No. 17.2: Action taken on Minutes of Second Board of Studies & Sixteenth Meeting of Faculty of Dairy Science

The Faculty of Dairy Science accords its approval to the actions taken report on the minutes of the Second Board of Studies and Sixteenth meeting of the Faculty of Dairy Science...

### Item No. 17.3: Review of Admitted students

Category wise admitted students in UG and PG programme for the year 2018-19 were noted. The house suggested only lower cu-off should be given. The house suggested that the data of PG students admitted in a particular academic year should be given Department wise and also the data of Available seats and actually filled seats should be given.

# Item No. 17.4: Modifications in Semester End Examination Evaluation System for B.Tech (DT) courses

It is recommended tog Academic council that for B.Tech. (DT) courses, as per fifth Dean Committee report implemented in SMC College of Dairy Science vide notification numbers (i) AAU/DSC/ ACADEMIC (UG) 1516/2017 Dated 2-8-2017. (ii) AAU/ BACA/ TO/ 713/ 2018 dated 21-3-2018, partial modification in the rule for semester end examination evaluation is done which reads now as "The semester-end theory examination evaluation will be done by the Examiner appointed by the University". Other things of notifications will remain the same.



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Item No.17.5: To offer an Integrated programme leading to "Post Graduate Diploma in Dairy Management (PGDDM)" coupled with to B.Tech.(DT) degree, jointly by AAU, IRMA and NDRI, from Academic year 2019-20.

It is recommended to the PG Board of Studies that SMC college of Dairy Science shall offer an integrated programme leading to 'Post Graduate Diploma in Dairy Management' along with B.Tech.(DT) jointly by AAU, IRMA and NDRI, from Academic year 2019-20. The modality /pedagogy for this course will be decided jointly by AAU, IRMA and NDRI.

## Item No.17.6: Other Items from Chair

There were no items from the chair.

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The meeting ended with vote of thanks by Dr. Dinesh H. Patel, Asst. Registrar, AAU and Member Secretary.

Asst. Registrar (Academic) Anand Agricultural University

No: AAU/ REG/EXAM/BOS/305 /2019 Date: 18/01/2019

Annex wat E

## ANAND AGRICULTURAL UNIVERSITY ANAND-388 110



Minutes of 17<sup>th</sup> Meeting of the Board of Post Graduate Studies held on 21-01-2019, Monday, 10.00 hrs at Conference Hall, University Bhavan, Anand Agricultural University, Anand,

	Following members we	represent	
Į.	Dr. K. B. Kathiria	Director of Research & Dean	Chairmar
2.	Dr. M. N. Brahmbhatt	Post Graduate Studies, Anand Agricultural University, Anand Registrar,	
3.	Dr. K. P. Patel	Anand Agricultural University, Anand Principal & Dean (Agriculture),	Member
		B. A. College of Agriculture	Member
4.	Dr. J. B. Prajapati	Anand Agricultural University, Anand Principal & Dean (Dairy), Shoth M. G. G. H.	Member
5,	Dr. B. P. Joshi	Sheth M. C. College of Dairy Science, Anand Agricultural University, Anand Representative of Principal & Dean (Veterinary), College of Veterinary),	
6.	Dr. R. F. Sutar	Anand Agricultural University Aband	Member Iry,
		I/c. Principal & Dean (F.P.T. & B.E.), College of Food Processing Technology & Bio-Er Anand Agricultural Lland	Member hergy,
7.	Dr. D. R. Kathiriya	I/c. Principal & Dean (Agri 17)	
8,	Dr. R. S. Pundir	College of Agricultural Information Technolog Anand Agricultural University, Anand Representative of Principal & D	
		Representative of Principal & Dean (I.A.B.M.L.), International Agri-business Management Insti-	Member lute,
9.	Dr. K. P. Patel	Anand Agricultural University, Anand I/c. Principal & Dean (Horticulture), College of Horticulture,	Member
10.	Dr. Arun A. Patel	Anand Agricultural University, Anand Director of Extension Education,	
11.	Dr. M. K. Jhala	Anand Agricultural University, Anand Associate Director of Research (Ani. Sci.),	Member
		Office of the Director of Research (Ant. Sci.), Anand Agricultural University, Anand	Member
12.	Dr. M. V. Patel	I/c. Associate Director of Research (Agri.), Office of the Director of Research,	Member
13.	Dr. Atanu Jana	Anand Agricultural University, Anand Professor& Head (Dairy Processing),	
		Shell ML C. College of Dairy Science	Member
14.	Dr. S. K. Bhavsar	Anand Agricultural University, Anand Professor & Head, (Veterinary Pharmageloss, 6, 7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Member
		(Veterinary Pharmacology & Toxicology), College of Veterinary Science & Animal Hust Anand Agricultural University, Anand	bandry,

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15.	Dr. F. P. Savaliya	Research Scientist,	Member
	and a second second	Poultry Research Station,	
		Anand Agricultural University, Anand	March 1
16.	Dr. A. S. Bhanyadiya	Associate Research Scientist,	Member
		Regional Research Station (RRS),	
		Anand Agricultural University, Anand	A describer
17.	Dr. R. V. Prasad	Professor & Head (Food Quality Assurance),	Member
		College of Food Processing Technology	
		& Bio-Energy,	
	1	Anand Agricultural University, Anand	
18.	Dr. J. N. Patel	I/c. Research Scientist,	
		Bidi Tabbaco Research Station (B.T.R.S.),	
		Anand Agricultural University, Anand	Transferme
19.	Dr. A. R. Maewan	Representative of Director, IDEA	Invited
		Institute of Distance Education,	
		Anand Agricultural University, Anand	
2.0.	Dr. D. H. Patel	I/c. Assistant Registrar (Academic),	Member
		Anand Agricultural University, Anand	Secretary

Following member could not remain present and the leave of absence was granted.

1.	Dr. R. Subbaiah	Principal & Dean (Agri, Engg. & Tech.),	Member
		College of Agricultural Engineering and Tec	hnology,
		Anand Agricultural University, Godhra	

Dr. D. H. Patel, I/c. Assistant Registrar (Academic) welcomed all the members especially newly nominated member of Board of Post Graduate Studies viz; Dr. J. N. Patel, I/c. Research Scientist, Bidi Tabbaco Research Station (B.T.R.S.), Anand Agricultural University, Anand and requested Dr. N. C. Patel, Hon'ble Vice Chancellor for his remarks. Dr. N. C. Patel appreciated the proposed Integrated Programme on 'Post Graduate Diploma in Dairy Management (PGDDM) coupled with B.Tech. (DT) programme to be offered jointly by AAU, IRMA and NDR1. He suggested that some important points viz; mode of admission, draft regulation, preparation of Information Brochure, benefits of the course should be incorporated in the proposal. Dr. M. K. Jhala briefed about the measures undertaken by Dean PG office for improving PG Programmes in the University. Various measures viz; streamlining teaching of non-credit compulsory courses, online Post graduate Information System (PGIS), online AAU Exam Management System (AEMS), inviting research topics for PG students from various faculties well in advance and measures for timely submission of Synopsis were highlited by him, which were appreciated by the house.

### Item No. 17.14

# Revision in the Syllabus of 3<sup>rd</sup> semester Quality Management (ABM 536) (2+0).

The matter was discussed and resolved as under:

"It is resolved that the Board of P.G. Studies recommends to Academic Council to revise the syllabus of Quality Management (ABM-536) (2+0) as per Annexure-F."

### (Action: Principal & Dean, IABMI)

Item No. 17.15

To offer an Integrated programme leading to "Post Graduate Diploma in Dairy Management (PGDDM)" coupled with B. Tech. (DT) degree jointly by AAU, IRMA and NDRI, from Academic year 2019-20.

The matter was discussed and resolved as under:

"It is resolved that the Board of P.G. Studies recommends to Acadmic Council to offer an integrated programme leading to 'Post Graduate Diploma in Dairy Management' jointly by AAU, IRMA and NDRI for the students selected from the B. Tech. (DT) programme admitted at AAU from Academic year 2019-20. The modality/ pedagogy for this course will be decided jointly by AAU, IRMA and NDRI."

### (Action: Principal & Dean, Dairy Science)

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### Agenda with the permission of the Chairman.

Item No. 17.16

અન્ય યુનિવર્સિટી/સંસ્થાઓમાંથી ડેઝર્ટેશન વર્ક કરવા આવતા અનુસ્નાતક વિદ્યાર્થીઓની ફ્રી તેમજ આનુસંગિક શરતો નક્કી કરવા બાબત.

 આ અંગે વિસ્તૃત ચર્ચા કરવામાં આવી. ચર્ચાને અંતે નીચે મુજબ ઠરાવવામાં આવ્યું.

"આશી ઠરાવવામાં આવે છે કે, Appendix-A માં દર્શાવ્યા મુજબ, અન્ય યુનિવર્સિટી/સંસ્થાઓમાંથી આણંદ કૃષિ યુનિવર્સિટીમાં ડેઝર્ટેશન વર્ક કરવા માટે આવતા અનુસ્નાતક વિદ્યાર્થીઓની કી તેમજ આનુસંગિક શરતોને બોર્ડ ઓફ પી.જી. સ્ટડીઝ દ્વારા મંજુર કરવામાં આવે છે અને તે મુજબ શૈક્ષણિક વર્ષ ૨૦૧૯-૨૦થી આણંદ

કૃષિ યુનિવર્સિટીમાં અમલ કરવા વિદ્યાપરિષદને ભલામણ કરવામાં આવે છે." (અમલ: સંશોધન નિયામક)

Annexux F

## Anand Agricultural University Anand-388110



Minutes of 51<sup>st</sup>-Meeting of the Academic Council to be held on 08-03-2019, Friday at 11.00 hrs. at the Conference Hall, University Bhavan, Anand Agricultural University, Anand.

	Following members w	ere present	
1.	Dr. N. C. Patel	Hon'ble Vice Chancellor, Anand Agricultural University, Anand	Chairman
2.	Dr. M. V. Patel	I/c. Principal & Dean (Agriculture), B. A. College of Agriculture, Anand Agricultural University, Anand	Member
3,	Dr. J. B. Prajapati	Principal & Dean (Dairy), Sheth M. C. College of Dairy Science, Anand Agricultural University, Anand	Member
4.	Dr. A. M. Thaker	Principal & Dean (Veterinary), Veterinary Science & Animal Husbandry, Amand Agricultural University, Anand	Member
5.	Dr. R. F. Sutar	Vc. Principal & Dean (F. P. T. & B.E.), Food Processing Technology & Bio-Energy, Anand Agricultural University, Anand	Member
6.	Dr. R. Subbaiah	Principal & Dean (Agri. Engg. & Tech.), Agricultural Engineering & Technology, Anand Agricultural University, Godhra	Member
7.	Dr. D. R. Kathiriya	Vc. Principal & Dean (Agril. I. T.), Agricultural Information Technology, Anand Agricultural University, Anand	Member
8.	Dr. Y. C. Zala	Principal & Dean (I.A.B.M.I), International Agri-Business Management Institute, Anand Agricultural University, Anand	Member
9.	Dr. M. V. Patel	Vc. Principal & Dean (Horticulture), College of Horticulture, Anand Agricultural University, Anand	Member
10.	Dr. Arun A. Patel	Director of Extension Education, Anand Agricultural University, Anand	Member
11.	Dr. D. M. Mehta	Responde Calmaria (D)	Nominated
12.	Dr. N. B. Chauhan	Professor & Head (Extension Education), B. A. College of Agriculture, Anand Agricultural University, Anand	Nominated

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13.	Dr. R. F. Sutar	Professor & Head (Post Harvest Engg & Tech.), Nominated Food Processing Technology & Bio-Energy. Anand Agricultural University, Anand
14.	Dr. H. C. Patel	Professor (Horti.) & Nominated I/c. Principal (Fruit Science), College of Horticulture, Anand Agricultural University, Anand
15.	Dr. M. M. Trivedi	Professor & Head (Animal Science), Nominated B. A. College of Agriculture, Anand Agricultural University, Anand
16.	Dr. M. M. Trivedi	I/c. Director of Students' Welfare, Co-opt Member Anand Agricultural University, Anand
17.	Dr. Y. R. Ghodasara	I/e. Librarian, M. D. Patel Regional e-Library Anand Agricultural University, Anand
18.	Dr. R. K. Jain	Principal, A. D. Patel Institute of Technology, New Vallabh Vidyanagar, Vitthal Udhyognagar, Dist: Anand
19.	Dr. J. G. Patel	Retd. Principal (Agriculture), Co-opt Member C. P. College of Agriculture, S.D.A.U., Sardarkrushinagar 54/55, Mangal Nagar, Vidya Dairy Road, Anand
20.	Dr. C. K. Dixit	Retd. Professor & Head (Horticulture), Co-opt Member Gujarat Agricultural University, B-88, Umiyanagar Society, Berna Road, (Gokul Nagar), At. & Post: Himmatnagar-383 001
21.	Dr. G. M. Patel	Retd. Principal, College of Basic Science & Humanities, S.D.A.U., Sardarkrushinagar At. & Post: Ghatlodia-380 061, Ahmedabad
22,	Dr. Y. M. Shukla	I/c. Principal (Agriculture), College of Agriculture, Anand Agricultural University, Vaso
23.	Dr. S. R. Patel	I/c. Principal (Agriculture), College of Agriculture, Anand Agricultural University, Jabugam
24.	Dr. S. H. Akbari	Associate Professor & Head (Food Plant Operations), Food Processing Technology & Bio-Energy, Anand Agricultural University, Anand
25	Dr. M. K. Jhala	Associate Director of Research (Vet.), Invited Director of Research Office, Anand Agricultural University, Anand
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26.	Dr. M. N. Brahmbhatt	Registrar, Anand Agricultural University, Anand	Member Secretary
grai	Following«members co ited:	uld not remain present and their leave of	absence was
1.	-Dr.∗K. B.∗Kathiria	Director of Research & Dean, Post Graduate Studies, Anand Agricultural University, Anand	Member
2.	Dr. K. M. Panchal	Professor & Head (Veterinary Anatomy), Veterinary Science & Animal Husbandry, Anand Agricultural University, Anand	Nominated
3.	Dr, B. P. Shah	DUID' LIGHT	Co-opt Member
4.	Dr. D. B. Choksi	Professor (Post Graduate Computer Sci.), C G. H. Patel Post Graduate Dept. of Computer Science & Technolog Sardar Patel University, V. V. Nagar	
5.	Dr. M. B. Pande	David David a di di di di di di di	Co-opt Member
6.	Dr. R. C. Purohit	Edward D. (A. H. D. ).	Co-opt Member
	and the second		

પારંભમાં કુલસચિવશ્રીએ અધ્યક્ષશ્રી ડૉ. એન.સી.પટેલ, માનનીય કુલપતિશ્રી, આણંદ કૃષ્ટિ યુનિવર્સિટી, આણંદ અને વિદ્યાપરિષદના સર્વે સભ્યશ્રીઓને આવકાર્યા. બેઠકની શરૂઆતમાં માનનીય કુલપતિશ્રી ધ્વારા પણ સર્વે સભ્યશ્રીઓને આવકાર્યા અને યુનિવર્સિટીના અધિકારીઓ / કર્મચારીઓ ધ્વારા શફીદોના પરિવારના કલ્યાણ કંડ માટે એક દિવસનો પગાર આપવામાં આવ્યો તે બાબતની જાણ કરી સર્વે કર્મચારીઓની સેવાને બિરદાવી.

ત્યારબાદ એજન્ડા મુજબ બેઠકની કાર્યવાઠી શરૂ કરવા કુલસચિવશ્રીને જણાવ્યું. એજન્ડા અંગે ફાથ ધરવામાં આવેલ કાર્યવાઠી નીચે મુજબ છે.

Item No. 51.1

Confirmation of the Minutes of 50<sup>th</sup> Meeting of the Academic Council held on 01-12-2018.

The minutes of 50<sup>th</sup> Meeting of the Academic Council were confirmed.

(Action: Registrar)

Item No. 51.2

Report of the action taken on the Minutes of 50<sup>th</sup> Meeting of the Academic Council held on 01-12-2018.

Action taken on the minutes of 50<sup>th</sup> Meeting of the Academic Council were noted.

(Action: Registrar)

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Item No. 51.3

આણંદ કૃષિ યુનિવર્સિટીની બોર્ડ ઓફ પી. જી. સ્ટડીઝની આણંદ ખાતે મળેલ ૧૭મી બેઠકની કાર્યનોંધની નોંધ લેવા બાબત.

વિદ્યાપરિષદ ધ્વારા આણંદ કૃષિ યુનિવર્સિટીની બોર્ડ ઓફ પી. જી. સ્ટડીઝની આણંદ ખાતે મળેલ ૧૭મી બેઠકની કાર્ચનોંધની નોંધ લીધી.

(અમલ: કુલસચિવ)

Item No. 50.4

Item No. 51.5

અનુસ્નાતક મુલ્યાંકન માટે બાહ્ય પરીક્ષકોને મઠેનતાણું વધારવા બાબત. આ અંગે ચર્ચાને અંતે નીચે મુજબ ઠરાવવામાં આવ્યું.

"આથી ઠરાવવામાં આવે છે કે અનુસ્નાતક કક્ષાએ થીસીસ ઇવેલ્યુએશનના માસ્ટર્સ માટે રૂા. ૫૦૦/-થી વધારી રૂા.૧૫૦૦/- અને પીએચ.ડી. માટે રૂા.૧૦૦૦/-થી વધારી રૂા.૧૫૦૦/- તથા થ્રીસીસ વાઇવાના માસ્ટર્સ માટે રૂા.૧૦૦થી વધારી રૂા.૧૦૦૦ અને પીએચ.ડી. માટે રૂા.૧૦૦૦/- થી વધારી રૂા.૧૦૦૦/- તેમજ પીએચ.ડીમાં પ્રીલીમ વાઇવા માટે બાહ્ય પરીક્ષકનું મહેનતાણું રૂા.૧૦૦૦/- થી વધારીને રૂા.૧૫૦૦/- કરવા ૧૭મી બોર્ડ ઓફ પોસ્ટ ગ્રેજ્યુએટ સ્ટડીઝ બેઠકની કાર્યનોંધના મુદ્દા નંબર ૧૭.૬થી કરેલ ભલામણ ગ્રાહ્ય રાખી વિદ્યાપરિષદ દ્વારા નિયામક મંડળને મંજૂરી આપવા ભલામણ કરે છે."

(અમલ: કુલસચિવ)

થિસીસ/પ્રિલીમ વાઇવા વોસ એક્ઝામીનેશન માટે બહારથી આવતા પરીક્ષકોને ખાનગી/પ્રાઇવેટ ટેક્ષીથી મુસાફરી કરે તો સરકારી દરે મુસાફરી ભથ્થું ચૂકવવા બાબત.

આ અંગે ચર્ચાને અંતે નીચે મુજબ ઠરાવવામાં આવ્યું.

"આશી ઠરાવવામાં આવે છે કે, આણંદ કૃષિ યુનિવર્સિટીની અનુસ્નાતક કક્ષાની બધી જ વિદ્યાશાખાના અનુસ્નાતક વિદ્યાર્થીઓના થિસીસ/પ્રિલીમ વાઇવા વોસ પરીક્ષાના દેતુસર બહારથી આવતા પરીક્ષકો દ્વારા થતી ખાનગી વાઠન/ટેક્ષી મુસાફરી માટે ગુજરાત સરકારના આ.કૃ.ચુ.ના કર્મચારી/અધિકારીઓને લાગુ પડતા પ્રવર્તમાન મુસાફરી અને માઇલેજ ભથ્થાના નિયમો અનુસાર તથા ભવિષ્યમાં વખતો વખત બદલાતા દરો આપોઆપ લાગુ પડે તે મુજબ ભાડું ચૂકવવાનું વિદ્યાપરિષદ મંજુર કરે છે અને તે મુજબ શૈક્ષણિક વર્ષ ૨૦૧૯-૨૦થી આણંદ કૃષિ યુનિવર્સિટીમાં અમલ કરવા મંજુર કરે છે."

(અમલ: સંશોધન નિયામક)

અન્ય યુનિવર્સિટી/સંસ્થાઓમાંથી ડેઝર્ટેશન વર્ક કરવા આવતા અનુસ્નાતક વિદ્યાર્થીઓની ફી તેમજ આનુસંગિક શરતો નક્કી કરવા બાબત.

આ અંગે ચર્ચાને અંતે નીચે મુજબ ઠરાવવામાં આવ્યું.

"આથી ઠરાવવામાં આવે છે કે, Appendix-B અને C માં દર્શાવ્યા મુજબ, અન્ય યુનિવર્સિટી/સંસ્થાઓમાંથી આણંદ કૃષિ યુનિવર્સિટીમાં ડેઝર્ટેશન વર્ક કરવા માટે આવતા અનુસ્નાતક વિદ્યાર્થીઓની ફી તેમજ આનુસંગિક શરતોને શૈક્ષણિક વર્ષ ૨૦૧૯-૨૦થી આણંદ કૃષિ યુનિવર્સિટીમાં અમલ કરવા વિદ્યાપરિષદ નિયામક મંડળને ભલામણ કરે છે."

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(અમલ: સંશોધન નિયામક)

Item No. 51.6

(Hem No. 51.17

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To offer an integrated programme leading to 'Post Graduate Diploma in Dairy Management' jointly by AAU, IRMA and NDRI for the students selected from the B. Tech. (DT) programme admitted at AAU from Academic year 2019-20.

The matter was discussed and resolved as under:

resolved and recommended to offer an integrated programme leading to 'Post Graduate Diploma in Dairy Management' jointly with IRMA and NDRI for the students selected from the B.Tech (DT) programme admitted at AAU from Academic year 2019-20. The modality/pedagogy for this course will be decided jointly by AAU, IRMA and NDRI."

Further, the Board of Management is requested to approve this proposal.

Item No. 51.18

(Action: Principal & Dean, Dairy)

Reformation of 4th to 8th Semesters B. Tech, (AIT) course curriculum. The matter was discussed and resolved as under:

"In continuation of the notification No. AAU/AIT/ACD/1222-28/2018 dated: 14/12/2018 approving the syllabus of B. Tech. (AIT) for 1st to 3rd semester, the academic council has further approved the revised syllabus of semester 4<sup>th</sup> to 8<sup>th</sup> of the B. Tech. (AIT) degree programme. Thereby, the complete syllabus of B. Tech. (AIT) is revised and approved by the academic council for its implementation from the academic year 20 8-19."

(Action: Principal & Dean, Agri. I.T.)

Agenda with the permission of the Chairman Item No. 51.19

To equate the B. Tech., M. Tech. and Ph.D. (Food Processing

Technology) degrees with B. Tech., M. Tech. and Ph.D. (Food

The matter was discussed and excluding Ph.D. nomenclature, it was resolved as under:

"The Academic Council resolved that the nomenclature of the degrees of B. Tech. and M. Tech. in "Food Processing Technology" are equivalent to the degrees of B. Tech. and M. Tech. "Food Technology" respectively on the basis of recommendation of V<sup>th</sup> Deans Committee report. The University shall issue the certificate showing the equivalence of degrees of B.Tech. (FPT) with B.Tech. (FT) and M. Tech. (FPT) with M. Tech. (FT) to the respective degree holders who are in need of such certificate."

(Action: Principal & Dean, F.P.T. & B.E.)

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### Minutes of Joint Meeting for Collaborative programs with IRMA

Date: 29th March 2019, Friday

Time: 3.30 pm

Venue: Syndicate-I, ETDC, IRMA

A joint meeting of the two committees of the members from AAU and IRMA constituted for the purpose of integrated program on PGDDM and recognition of FPRM program of IRMA for PhD degree by AAU was organized on 29<sup>th</sup> March 2019 at IRMA.

Following members attended the meeting:

- 1. Dr K.B. Kathiria, Director of Research & Dean, PG Studies, AAU (Chairman, Committee for FPRM)
- 2. Dr H.K. Misra, Professor, IRMA, Anand (Chairman, Committee for PGDDM)
- 3. Dr J.B. Prajapati, Dean, Faculty of Dairy Science, AAU, Anand
- 4. Dr Y.C. Zala, Dean, IABMI, AAU, Anand
- 5. Dr M.K. Jhala, Associate Director of Research, AAU, Anand
- 6. Dr Mukul Kumar, Professor, IRMA, Anand
- 7. Dr Paresh J Bhatt, Professor, IRMA, Anand (Invited member)
- 8. Shri D.H. Patel, Assistant Registrar, AAU, Anand –Representative of Registrar (Member secretary)

After thorough discussion following points were resolved.

- 1. The fee structure for the IRMA faculty for the students enrolled for integrated program was decided as given in Annexure-1
- 2. The number of students to be enrolled for integrated program will be 20 (twenty).
- 3. The reservation policy for the students enrolled for integrated program will apply as per the Government of Gujarat policy.
- 4. The students, who are selected from ICAR quota will be treated as the candidates of General category.
- If any seat for the reserved quota remains vacant due to non-availability of students or not qualifying the IRMA's admission procedure will be filled by the candidates of general category.
- 6. The courses offered by IRMA for Part-I will be spread out in 6 semesters of B,Tech.(DT), i.e. 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> semester, where students will be required to undergo extra classes of 4.5 hours per week.
- The program for the 5<sup>th</sup> year, will be offered jointly to the students of AAU as well as NDRI at Anand.
- Hostel and other logistic fees for NDRI students to be levied by AAU for the 5<sup>th</sup> year will be decided separately.
- 9. IRMA will send the detailed proposal for affiliation with AAU for recognition of its FPRM program as equivalent to PhD to Registrar, AAU as soon as possible.
- 10. The degree will be called as Doctor of Philosophy in Rural Management.

11. A draft of MoU to be signed by AAU and IRMA will be sent by Dr ILK. Mista to the Registrar, which will be more generic and cover broad scale collaboration for education, research and extension activities.

Meeting ended with vote of thanks by Asst. Registrar.

	AAU-DCS-P	GDDM Progra	mme				
Co	mputation of Cost of s	ervices to b	e rendere	d by IRMA	A		
	Period: Years-2, 3, 4 and 5 after start of the Programme						
		COST-RS, PER YEAR					
SI. No.	Name of service	YEAR-II	YEAR-III	YEAR-IV	YEAR-V		
Faculty time cost			1 I I				
	Total courses per year	5	5	5	17		
	Total working days per week	7	7	7	7		
	Total sessions per day	3	3	3	1		
	Total sessions per year	105	105	105	357		
	Cost per session	5,000	5,500	6,050	6,655		
	Cost per day i.e. cost for 3 sessions	15,000	16,500	18,150	19,965		
	Total cost per year	5,25,000	5,77,500	6,35,250	23,75,835		
	No of students	20	20	20	20		
	Cost per student per year based on total 15 students per year	35,000	38,500	42,350	1,58,389		
	Say, Fee per year	36,000	39,000	42,000	1,62,000		
	Fee per Semester	18,000 (2,3 sem)	19,500 (4,5 sem)	21,000 (6,7 sem)			
	For Year-V Fee per Trimester				54,000		

Annexure-I : Fees structure for integrated PGDDM program

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REGISTRAR Anand Agricultural Universi ANAND



Prof. Hitesh V. Bhatt Director

# इन्स्टिट्यूट ऑफ रूरल मॅनेजमेंट आणंद Institute of Rural Management Anand

Extract from the Minutes of the 154<sup>th</sup> Meeting of the IRMA Board held on April 17, 2019

### Agenda Item No. 13 Approve Proposed Collaboration of IRMA with NDRI, Karnal, and (153<sup>rd</sup> Board Meeting) SMC of Dairy Science, Anand (AAU) for 5-Year Integrated B.Tech. (Dairy Technology/Science) and PG Diploma in Dairy Management Programme from the Academic Year 2019

The Board discussed and adopted the resolution to introduce the Post Graduate Diploma in Dairy Management (PGDDM) programme from June 2019, in collaboration with AAU and NDRI – ICAR separately.

### RESOLUTION NO. 1 OF 2019-20

**RESOLVED** that the Post-Graduate Diploma in Dairy Management (PGDDM) programme will start from June 2019. Individual collaborations with AAU and NDRI – ICAR will be formalized.

Mines March

() litesh V Bhatt). (.o., ) (

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Prof. Hitesh V. Bhatt Incortor

# इन्स्टिट्यूट ऑफ रूरल मॅनेजमेंट आणंद Institute of Rural Management Anand

April 22, 2019

Dr. N.C. Patel Vice Chancellor Anand Agricultural University Anand – 388 110

Dear Sir,

The relevant resolution passed in the 154<sup>th</sup> meeting of the IRMA Board held an April 17, 2019, is attached herewith for your kind information.

Kindly note that as per the process, the minutes will be finalized only 15 days after the circulation to the Board members, i.e., around 7<sup>th</sup> May, 2019.

With regards,

Yours sincerely,

(Hitesh V Bhatt) 22/04/19

Encl: as above