



SMC COLLEGE OF DAIRY SCIENCE
ANAND AGRICULTURAL UNIVERSITY
ANAND – 388 110 (GUJARAT) INDIA

Read: Resolution of 54th Meeting of Academic Council of Anand Agricultural University held on 27-08-2020, vide Item No. 54.21.

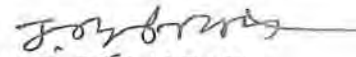
Amendment in implementation of Student READY Programme for B.Tech (DT) course.

NOTIFICATION

It is hereby notified to all concerned that 54th Meeting of the Academic Council of Anand Agricultural University, Anand held on 27-08-2020, vide Item No. 54.21 has resolved as under:

"It is resolved that the Academic Council approves the amendment in implementation of the Student READY Programme for B.Tech (DT) course as appended in Annexure-I and II which shall be implemented from the Academic year 2020-21."

No. AAU/DSC/ Academic (UG)/ 812 /2020
Date: 21-09-2020


(J.B. PRAJAPATI)
PRINCIPAL & DEAN
FACULTY OF DAIRY SCIENCE

Copy F.W. Cs. to:

1. All the Members of the Academic Council of this University.
2. All officers of this University.
3. All Deans / Principals of this University

Copy to:

1. P.S. to Hon. Vice-Chancellor, Anand Agricultural University, Anand.
2. P.A. to Registrar Anand Agricultural University, Anand.
3. Academic Branch, Registrar Office, Anand Agricultural University, Anand (10 copies).
4. All the HoDs of this college.
5. Academic Branch of this College
6. Select file / Notification file.

ANNEXURE-I

Implemented at SMC College of Dairy Science under fifth Dean committee report				Proposed Changes				Justification
Sem-ester	Course No	Title of Course	Credit hours	Sem-ester	Course No	Title of Course	Credit hours	
Seven	DBM-4112	Entrepreneurship Development	1 (1+0)	NO CHANGE				The course is listed in Dairy Technology Discipline in Fifth Dean Committee report. Hence course number is changed from DP to DT.
	DP-4101	Student READY-I (In-Plant Training)	20 (0+20)	07	DT-4101	Student READY-I (In-plant Training /Experiential Learning/ Skill Development Training)	20 (0+20)	
Eight	DBM-4213	Dairy Informatics	1 (1+0)	NO CHANGE				The course is listed in Dairy Technology Discipline in Fifth Dean Committee report. Hence course number is changed from DP to DT. Three courses: Student Ready II, III and IV are merged into one course as content suggested will be covered in single course, and the students are rotated in different modules. This is required for student's common examination purpose.
	DP-4202	Student READY-II (Hands on Training)	10 (0+10)	08	DT-4202	Student READY-II (In-plant Training /Experiential Learning/ Skill Development Training)	20 (0+20)	
	DP-4203	Student READY-III (Skill Development Training)	5 (0+5)					
	DP-4204	Student READY-IV (Skill Development Training)	5 (0+5)					

ANNEXURE-II

Revised Academic Rules for Faculty of Dairy Science, Anand Agricultural University, Anand
Revisions required for different rules quoted in Common Academic Regulations for Under Graduate of the State Agricultural Universities of Gujarat are appended below. Others rules not spelled remain same as per the Faculty of Dairy Science.

Existing Academic Rules as per 4 th Deans' recommendations	Revised Academic Rules as per 5 th Deans' recommendations
Academic Requirement	Academic Requirement
<p>Rule-31.0</p> <p>31.2(5) Rural Agricultural Work Experience (RAWE)/Intensive Practical Training / Field Training / In-plant Training etc.</p>	<p>31.2(5) ICAR Fifth Deans' Committee (FDC) report recommended following components of Student Ready Programme for B.Tech. (Dairy Technology) Course:</p> <ol style="list-style-type: none"> 1. Student READY Rural Dairy Work Experience Program-I (Summer Break after II semester) of 5 weeks with credit load of 0+5 credit hours 2. Student READY Rural Dairy Work Experience Program-II (Summer Break after IV semester) of 5 weeks with credit load of 0+5 credit hours 3. Student READY In-Plant Training in Seventh Semester of 24 weeks with credit load of 0+20 credit hours. 4. Student READY Experiential Learning Module of 10 weeks with a credit load of 0+10 credit Hours in VIII semester. <p>Faculty of Dairy Science, Anand Agricultural University, Anand has implemented fifth Dean Committee recommendations with modifications vide notification number AAU/DSC/ACADEMIC (UG)/1516/2017 Dated 02-8-2017 which are given below.</p> <ol style="list-style-type: none"> 1. Student READY-I (In- Plant Training) in Seventh Semester with credit load of 0+20 credit hours. 2. Student READY-II (Hands on Training) in Eighth Semester with credit load of 0+10 credit hours. 3. Student READY-III (Skill Development Training) in Eighth Semester with credit load of 0+5 credit hours. 4. Student READY-IV (Skill Development Training) in Eighth Semester with credit load of 0+5 credit hours. <p>Further following amendments are given below.</p> <ol style="list-style-type: none"> 1. Student READY-I (In-plant Training /Experiential Learning/ Skill Development Training) of 20(0+20) credit in 7th semester 2. Student READY-II (In-plant Training /Experiential Learning/ Skill Development Training) of 20(0+20) credit in 8th semester
Curriculum and Courses	Curriculum and Courses
<p>Rule-34.0</p> <p>34.4 A course lecture and/or practical classes and RAWE/In-Plant training in a particular subject covered in a semester.</p>	<p>34.4 A course lecture and/or practical classes and training as a part of Student Ready Program in a particular subject covered in a semester.</p>

34.5 A student shall be required to earn credits specified for the degree programme inclusive of those for physical education, NCC/NSS, intensive field training, study tour and RAWE/In-Plant training, etc.

34.5 A student shall be required to earn credits specified for the degree programme inclusive of those for physical education, NCC/NSS, intensive field training, Educational Tour and training related to Student Ready Program, etc.

Student READY- I and II (In-plant Training /Experiential Learning/ Skill Development Training)

During the **fourth** year of B. Tech (D.T.) course of study, the students will undergo Student READY programme I & II (**In-plant Training /Experiential Learning/ Skill Development Training**) at Vidya Dairy, AAU, Anand; which is established to give hands on training to the students of SMC College of Dairy Science, Anand.

Student READY Programme will provide exposure in the areas on Milk Production & Procurement, exposure on Preliminary Dairy Operations to be taken up Dairy Plants/ Product manufacturing operations in Dairy & Food Industry. Plant visits and involvement in processing and manufacturing of value added products in each Dairy Technology course to have Industrial exposure in specialized products like Market Milk, Ice Cream, Milk Powders, Cheese, Byproducts, etc. Development of Detailed Project Report on setting up of enterprise in the selected areas of product manufacture.

For this purpose intensive practical learning in manufacture of dairy products, maintenance of dairy equipment, quality assurance of dairy products and various management aspects of a commercial dairy plant will be undertaken. The students will be required to work with their own hands under the supervision and guidance of plant supervisors and/or teacher-in-charge. They will be essentially the skilled work force to the dairy plant, capable of not only physical work but technically skilled to manufacture quality products with minimum wastage. This intensive training will enable the students to develop work culture as well as acquire technical professional competence.

The details of modalities for Student READY Programme are mentioned below:

1. The students will be required to submit a periodic report as may be decided by the teacher-in-charge/dairy plant authorities. Upon conclusion of a prescribed course programme for a given section/work area, the students will be required to submit a consolidated work report as well as critical appraisal of the management aspects for attaining higher efficiency. At the end of each semester the students will submit a final consolidated report to the college for evaluation.
2. The courses **DT- 4101** and **DT- 4202** which will be offered at Vidya Dairy, AAU, Anand; during the fourth year (i.e. **seventh** and **eighth** semesters) will have contact hours and credit load as shown in table below.

Course	Course Title	Minimum Contact Hours	Credits
DT- 4101	Student READY-I (In-plant Training /Experiential Learning/ Skill Development Training)	0 + 40	0 + 20
DT- 4202	Student READY-II (In-plant Training /Experiential Learning/ Skill Development Training)	0 + 40	0 + 20

3. The students will have to fulfill minimum requirement of attendance for **DT - 4101** and **DT - 4202** separately, i.e. 80% of total training period inclusive of holidays/weekly off. Period spent for participation in sports, athletics, cultural, literary, fine arts, etc. organized at intercollegiate, interuniversity, interstate or national level shall be counted as present for the purpose of calculating percentage of attendance. However, concerned student will have to carry out deficit training for meeting days of absence in Vidya Dairy, AAU, Anand by the end of respective semester at Vidya Dairy / Anubhav Dairy / any other dairy/food plant as advised by the Training in-charge in consultation with the Dean of the faculty. In case of exigency like sickness/accident and serious events by virtue of which the student may not be in position to attend the Student READY Programme, a condonation upto 5 % may be given by the Principal & Dean of the Faculty.

4. In these courses (i.e. **DT-4101** and **DT-4202**) being offered at Vidya Dairy, AAU, Anand; in addition to intensive practical training, lectures and class room discussions at periodic intervals will be arranged on operational and management aspects of the dairy plant. This will be done with the help of faculty members, plant-in-charge and dairy professionals drawn from NDDB, IRMA, GCMMF, NCDFI, Amul and other dairies/organizations of the State and the country. This would give the students insight to various aspects of Dairy Plant Operations and Management. Also the students will be provided exposure in the areas on Milk Production, Procurement, Processing and Plant maintenance to be taken up in State Dairy Federations/ Dairy Development Departments/ Private Dairies/ Animal Husbandry Department/ Cattle farm/ Progressive dairy farmers/ Village Dairy Cooperative societies /Milk chilling center /Commercial dairy plant /Training Institutes.

5. Evaluation and Grading of Student READY Programme:

Evaluation shall be made by committee members comprising of teacher-in-charge, one or two members from the Vidya Dairy, AAU, Anand and one faculty member from all department of the college appointed by The Registrar of the University based on recommendation of Principal & Dean of the College.

At the end of each semester the students' performance in the courses of **DT- 4101** and **DT- 4202** respectively will be evaluated as follows:

<i>Method of evaluation</i>		Weightage (%)	Credits
A	Written test based on several work areas of the Student READY Programme	20	0+20
B	Presentation and comprehensive viva-voce examination before the appointed evaluation committee	30	
C	Evaluation of quality of consolidated training report	10	
D	Continuous day-to-day evaluation by plant-in-charge and/or teacher-in-charge	30	
E	Project Report	10	

The evaluation of students will be done as per the guidelines of Student READY programme and gradial system will be followed. The Common Academic Regulations for Under Graduate Degrees in the State Agricultural Universities of Gujarat shall be applicable for Grading the Student READY Programme. However, a student securing less than 5.000 grade point in the course, shall be considered to have failed and shall have to clear the same at the

supplementary (second trial) examination which will include re-conduct of written test, presentation and comprehensive viva-voce examination (A and B). The marks for training report, continuous day-to-day evaluation and project report (C, D and E) shall be carried forward. If a student fails to clear the course at the second trial (Supplementary Exam), he/she shall not be promoted to the next semester but he/she has to re-register for the course as and when offered and has to repeat the Student READY programme modules without stipend at Vidya Dairy/Anubhav Dairy/ Any other dairy Plant as decided by Principal and Dean.

6. Discipline and Conduct rules for Student READY programme:

6.1 These rules are in addition to the discipline rules for the students of the colleges of the Anand Agricultural University. These rules shall be called "Rules for Conduct of B. Tech. (D.T.) Students during Student READY I and II (In-plant Training /Experiential Learning/ Skill Development Training) programme.

6.2 They shall be effective from the day these rules are approved by the Academic Council.

6.3 Students shall abide by any special or general rules made applicable by the dairy plant and the college authorities in regard to their conduct within the premises of the Vidya Dairy, AAU, Anand; at which they undergo **DT-4101** and **DT-4202** courses and in hostel/residential accommodation provided to them during this period.

6.4 It is always expected that parents/guardians of the students shall agree that their wards shall comply with these rules. Failure to comply with these rules shall make the concerned student (**trainee**) liable for punishment as may be decided by the Principal/Dean of the Faculty of Dairy Science.

6.5 The following shall constitute the acts of indiscipline/misbehaviour or misconduct on the part of the student(s).

- (a) Not complying with the rules and regulations in force at the time of their training in the dairy plant.
- (b) Disobedience of the orders/instructions of the teacher-in-charge/section officer and/or his supervisor as the case may be.
- (c) Negligence in any form in performing assigned duties.
- (d) Abstaining from training/assigned duties without prior permission.
- (e) Abusing, in any form, to students or plant employees.
- (f) Use of violence.
- (g) Stealing/theft of any kind.
- (h) Unauthorized consumption of milk, milk products and other dairy/food ingredient(s).
- (i) Disturbing fellow students/employees in their studies/working.
- (j) Intentional activity resulting in damage/loss of machinery/property.
- (k) Any act which may bring disrepute to the college/university and the dairy plant at which they have to undergo training.
- (l) Causing hindrances in any manner in smooth functioning of the dairy plant and the training programme.
- (m) Breach of any of the provisions of AAU student discipline rules
- (n) Breach of any of the provisions of regulations of B.Tech. (D.T.) degree programme.

7. The Principal/Dean, when notified by the teacher-in-charge and/or plant authorities, may impose one or more of the following punishments based on the report submitted by the committee of the Head of Departments, Vidya Dairy officials and teacher-in charge constituted for the purpose.

- (a) Non-payment of stipend for a part or full term of training.
- (b) Additional financial penalty in consonance with nature of indiscipline/loss /damage.
- (c) Repeat of DT-4101 and/or DT-4202 courses without stipend for a part or full term of training at the end of B.Tech. (Dairy Technology) degree programme or as and when the course is offered or as may be decided by the Dean of the Faculty.
- (d) Debarring the student from training and to discontinue his registration for one year.

The decision taken for the in-disciplinary act of the student by the Managing Director of Vidya Dairy, AAU, Anand in consultation with Chairman of Vidya Dairy AAU, Anand will be final and binding to all.

W In case of exigency, where training is arranged, the Principal/Dean of the Faculty shall have powers to re-schedule / rearrange the Student READY I and II (In-plant Training /Experiential Learning/ Skill Development Training) programme of seventh and eighth semesters in part or full at other plants/places.

Rule-42.0	42.3 (c) A student who has appeared in sixth semester supplementary examination as a second trial and if fails, he shall be allowed to complete his Dairy Plant Operations and Management Course II (Experiential Learning). However, he/she has to re-register in the sixth semester as a regular student after completing eighth semester.(For Dairy Science faculty only)	42.3 (c) A student who has appeared in sixth semester supplementary examination as a second trial and if fails, he/she shall be allowed to complete his Student READY II (In-plant Training /Experiential Learning/ Skill Development Training) programme. However, he/she has to re-register in the sixth semester as a regular student after completing eighth semester.
Rule-44.0	Eligibility for degree (4th Dean) A student is deemed to have completed the requirement for graduation and shall be eligible for the award of Under Graduate Degree from university provided, if	Eligibility for degree (5th Dean) A student is deemed to have completed the requirement for graduation and shall be eligible for the award of Under Graduate Degree from university provided, if
	iii He has satisfied the requirements prescribed by the Heads of the Department including RAWE/In- plant Training and study tour, if any.	iii He/She has satisfied the requirements including Student Ready Programme and Educational Tour