

## ANALYSIS OF FEEDBACK FROM ALUMNI ABOUT DAIRY SCIENCE EDUCATION IN INDIA

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### ABSTRACT

The quality of dairy science education can also be indicated by taking the feedback of alumni of the dairy science colleges. In the present study the, feedback from the alumni of all 20 dairy science college was sought around 72% of respondents strongly indicate that they were happily joining the B Tech (DT) course. And around 26% of respondents indicate that generally B.Tech (DT) course is not considered at par with other professional degrees by people. Around 86% of respondents had found their the first job through college placements which gives an indication of strong campus placement. Majority of the respondents were satisfied with the Salary, Type of job, Future Prospects/Promotion, Intellectual Needs in their current job. Approximately 56% respondents feel that Global industry trends/awareness and Entrepreneurial skills could have been taught to them in a better way, only 19% respondents also felt that Event Management Skill must have been taught to them. It can be said that most of the skills pertain to business management field. Hence, giving an indication to begin a Post-graduation course in the field of Dairy Business Management. Around 63% of respondents disagree that Dairy technology degree/diploma courses being offered by traditional universities or private institutions in a state is at par with the same offered by your (SAU) Dairy Technology College. Around 62% of respondents disagree that Existing dairy technology colleges are not able to meet the industry demand for dairy technology graduates/professionals.. A majority of respondents (around 74%) disagree with the statement that B Tech (DT) Education is not matching with the skill set required by industry. A majority of respondent agree that 'The performance and quality of Indian B.Tech (DT) Graduates in the global human capital market is very good'. Also around 57% of respondents disagree that Supply of B Tech (DT) graduates is less than demand for them in the Sector/Industry.

**KEYWORDS:** Dairy Science Alumni, Dairy Education, Quality of Dairy Education, Dairy Manpower

### INTRODUCTION

The quality of dairy science education can also be indicated by taking the feedback of alumni of the dairy science colleges. In the present study the, feedback from the alumni of all 20 dairy science college was sought. However, only 50 responses were obtained and out of these 50 responses around 39 were from SMC College of Dairy Science, Anand. Hence, it can be said that most of the results and findings in this section would be applicable to SMC College of Dairy Science.

The alumni were asked to give their feedback in the form of a filled questionnaire. The filled questionnaire was analyzed and the main findings have been presented in the following paragraphs.

### Perception of Alumni Regarding B. Tech. (DT) Degree

The alumni were asked to provide their feedback on the important aspect of quality by giving their views about what they think of Dairy Science course.

N= 50

**Table 1**

Sr. No	Particulars	SD	D	NAD	A	SA	Total
1	I would recommend B Tech(DT) course to others	2%	4%	10%	44%	40%	100%
2	I consider B Tech(DT) at par with other professional degrees	2%	6%	12%	46%	34%	100%
3	In general, the public consider B Tech(DT) at par with other professional degrees	2%	24%	24%	40%	10%	100%
4	I am not happy joining the B Tech(DT) course	72%	20%	6%	0%	2%	100%

(Note: - SD = Strongly Disagree, D = Disagree, NAD = Neither Agree nor Disagree, A= Agree, SA = Strongly Agree)

From the above table, it can be seen that around 72% of respondents strongly indicate that they were happy joining the B Tech (DT) course. And around 26% of respondents indicate that generally B.Tech (DT) course is not considered at par with other professional degrees by people.

### Main Source for Getting the First Job

A good quality education is indicated when the candidates get a job easily, especially from college campus placement. The responses from alumni have been given in the table below.

**Table 2**

Sr. No	Particulars	No of Respondents	Percent (%)
1	College Placement	33	86.84%
2	Social Networks	4	10.53%
3	Newspaper Advertisement	0	0.00%
4	Government Recruitment Exams	0	0.00%
5	Known Contacts	1	2.63%
6	Others	0	0.00%
7	Total Number of Respondents	38	100%

From the above table, it can be seen that around 86% of respondents had found their the first job through college placements which gives an indication of strong campus placement.

### Satisfaction with the Current Work

The level of job satisfaction gives an idea about the correctness of the initial decision to undertake a dairy science course.

Table 3

Sr. No	Particulars	FS	SS	NSD	SD	FD	Total	N
1	Salary	48%	35%	9%	5%	4%	100%	46
2	Type of Job	45%	45%	6%	2%	2%	100%	47
3	Future Prospects /Promotion	32%	45%	13%	6%	5%	100%	47
4	Intellectual Needs	32%	49%	11%	5%	4 %	100%	47

**Note:** FS fully satisfied. SS Somewhat Satisfied, NSD neither satisfied nor dissatisfied, SD Somewhat dissatisfied nor FD Fully Dissatisfied.

From the above table, it can be seen that majority of the respondents were satisfied with the Salary, Type of job, Future Prospects /Promotion, Intellectual Needs in their current job.

### Skills that you Feel College could have taught you in a better and Adequate Way

Alumni who work in the actual workplace can give a good idea about the relevance and quality of education which is needed in the industry. Hence, the views of alumni are presented in the table below

N=47

Table 4

Sr. No	Particulars	N	Percent (%) Out of 47
1	Global industry trends / awareness	27	57%
2	Entrepreneurial skills	26	55%
3	Innovation and artistic sense	24	51%
4	Communication skill	22	47%
5	Time Management skill	22	47%
6	Technical Skills	21	45%
7	Marketing and Negotiable skill	19	40%
8	Laboratory and scientific skill	18	38%
9	Cross training to handle workin absence of an expert	17	36%
10	Design and artistic sense	11	23%
11	Event Management skill	9	19%

**Note:** Respondents can select more than one option.

the above table it can be seen that approximately 56% respondents feel that Global industry trends/awareness and Entrepreneurial skills could have been taught to them in a better way, only 19% respondents also felt that Event Management Skill must have been taught to them. It can be said that most of the skills pertain to business management field. Hence, giving an indication to begin a Post-graduation course in the field of Dairy Business Management.

### Perception about Usefulness of Various Programmes/Events/Activities in Overall Development of a Professional Graduate

Table 5

Sr. No	Particulars	HD	SWD	NSD	SWS	HS	Total (%)	N
1	In plant training	2%	2%	2%	13%	80%	100%	45
2	Hands on training ( within the college )	4%	2%	2%	18%	73%	100%	45
3	All India Tour	9%	4%	7%	18%	62%	100%	45
4	Time allotted for co/extra-curricular activity	7%	13%	11%	36%	33%	100%	45
5	Annual Sports meet ( Intra/Inter college )	2%	16%	18%	34%	30%	100%	44
6	Annual Cultural meet (Intra/Inter College)	5%	9%	16%	32%	39%	100%	44

HD = Highly Dissatisfied, SWD = Some What Dissatisfied, NSD = Neither Satisfied nor Dissatisfied, SWS = Some What Satisfied, HS = Highly Satisfied

Majority of the respondents indicated that 'In-plant training' and 'Hands on training (within the college)' were important Activities in Overall Development of a Dairy Professional and they were satisfied with their college which provided them adequate 'In-plant training' and 'Hands on training (within the college)'.

#### Perception about Changing Scenario of Dairy Technology Education

Table 6

Sr. No	Particulars	SD	D	NAD	A	SA	Percent (%)	N
1	Existing dairy technology colleges are not able to meet the industry demand for dairy technology graduates / professionals	30%	32%	11%	19%	9%	100%	47
2	B Tech(DT / M Tech(DT) graduates look for middle / higher level jobs while more diploma / vocational students are needed for entry level jobs in B Tech(DT) sector	11%	23%	23%	30%	14%	100%	44
3	In addition to B Tech(DT) programs, diploma / job-oriented courses in dairy technology needs to be started by existing universities in public sector	19%	36%	11%	23%	11%	100%	47
4	Diploma/job-oriented courses in dairy technology can be offered by traditional universities	19%	36%	11%	23%	11%	100%	45
5	Diploma/job-oriented courses in dairy technology can be offered by private institutions	29%	31%	24%	11%	4%	100%	45
6	Dairy technology degree / diploma courses by traditional Universities/ private institutions would result in overall decline in quality of dairy technology education	7%	11%	16%	27%	39%	100%	44
7	Dairy technology degree / diploma courses by traditional universities / private institutions would lead to greater competition and improve quality of dairy technology education	23%	27%	11%	27%	11%	100%	44

Sr. No	Particulars	SD	D	NAD	A	SA	Percent (%)	N
8	Dairy technology degree / diploma courses being offered by traditional universities / private institutions in your state is at par with the same offered by your dairy technology college	36%	27%	24%	7%	7%	100%	45
9	Students who studied dairy technology vocational group in higher secondary excel in B.Tech (D.T.) program than the regular students (or) learn / grasp dairy technology fast	19%	21%	24%	26%	10%	100%	42
10	Increasing the number of seats in existing dairy technology colleges will be a better alternative than opening new colleges either in public or private sector	9%	21%	23%	16%	30%	100%	43
11	Any college / university can offer B.Tech (D.T.) degree / diploma programs as long as uniform curriculum and guidelines are followed	23%	23%	23%	14%	16%	100%	43

SD = Strongly Disagree, D = Disagree, NAD = Neither Agree nor Disagree, A= Agree, SA = Strongly Agree

Around 63% of respondents disagree that DT degree/diploma courses offered by traditional universities or private institutions in a state are at par with the same offered by SAU dairy technology college. Around 62% of respondents disagree that Existing dairy technology colleges are not able to meet the industry demand for dairy technology graduates/professionals.

#### Perception about Dairy Technology Job Prospects

Table 7

Sr. No	Particulars	SD	D	NAD	A	SA	Total	N
1	Ground reality is completely different from the practical classes given during degree program	21%	40%	15%	17%	6%	100%	47
2	There is ample scope in B Tech(DT) sector with respect to job opportunities / future of B Tech(DT) graduates	6%	17%	17%	38%	21%	100%	47
3	B Tech(DT) Education is not matching with the skill set required by industry	34%	40%	17%	9%	0%	100%	47
4	Students focus on employment sector is very narrow and are unable to diversify	20%	29%	18%	31%	2%	100%	45
5	There is very limited job demand in industry for B Tech(DT) graduates	24%	37%	11%	22%	7%	100%	46
6	There is lack of awareness by industry about the B Tech (DT) as a professional degree.	13%	22%	22%	35%	9%	100%	46
7	The performance and quality of Indian B Tech(DT) Graduates in the global human capital market is very good	2%	11%	9%	47%	31%	100%	45
8	Supply of B Tech(DT) graduates is less than demand for them in the Sector/Industry	24%	33%	28%	7%	9%	100%	46

(Note: - SD = Strongly Disagree, D = Disagree, NAD = Neither Agree nor Disagree, A= Agree, SA = Strongly Agree)

A majority of respondents (around 74%) disagree with the statement that B Tech (DT) Education is not matching with the skill set required by industry. A majority of respondent agree that 'The performance and quality of Indian B.Tech (DT) Graduates in the global human capital market is very good'. Also around 57% of respondents disagree that Supply of B Tech (DT) graduates is less than demand for them in the Sector/Industry.

## SUMMARY AND CONCLUSIONS

- Most of the responses 39 out of 50 were from SMC College of Dairy Science alone. Hence the findings and interpretation in this chapter can be applied mainly to SMC College, and should not be generalised for the entire dairy education system in India.
- Around 72% of respondents strongly indicate that they were happy joining the B Tech (DT) course. And around 26% of respondents indicate that generally B.Tech (DT) course is not considered at par with other professional degrees by people.
- Around 86% of respondents had found their first job through college placements which gives an indication of strong campus placement.
- Majority of the respondents were satisfied with the Salary, Type of job, Future Prospects /Promotion, Intellectual Needs in their current job.
- Approximately 56% respondents feel that Global industry trends / awareness and Entrepreneurial skills could have been taught to them in a better way, only 19% respondents also felt that Event Management Skill must have been taught to them. It can be said that most of the skills pertain to business management field. Hence, giving an indication to begin a Post-graduation course in the field of Dairy Business Management.
- Majority of the respondents indicated that 'In-plant training' and 'Hands on training (within the college)' were important Activities in Overall Development of a Dairy Professional and they were satisfied with their college which provided them adequate 'In-plant training' and 'Hands on training (within the college)'.
- Around 63% of respondents disagree that Dairy technology degree / diploma courses being offered by traditional universities or private institutions in a state is at par with the same offered by your (SAU) Dairy Technology College. Around 62% of respondents disagree that Existing dairy technology colleges are not able to meet the industry demand for dairy technology graduates / professionals.
- A majority of respondents (around 74%) disagree with the statement that B Tech (DT) Education is not matching with the skill set required by industry. A majority of respondents agree that 'The performance and quality of Indian B.Tech (DT) Graduates in the global human capital market is very good'. Also around 57% respondents disagree that Supply of B Tech (DT) graduates is less than demand for them in the Sector/Industry.

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