

33. Evaluative Report of the Department

1. Name of the Department - **Centre for Food Technology**
2. Year of establishment - **2003**
3. Is the Department part of a School/Faculty of the university?

Currently with Faculty of the Life Science of the University

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
- **M.Sc.**
5. Interdisciplinary programmes and departments involved. -
6. Courses in collaboration with other universities, industries, foreign institutions, etc. -
7. Details of programmes discontinued, if any, with reasons. -
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
- **Semester System**
9. Participation of the department in the courses offered by other departments. -
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	None	-	-
Associate Professors	None	-	-
Asst. Professors	None	-	-
Others	None	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

- Only guest and visiting faculty

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
-	-	-	-	-	-

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors. -
Visiting Faculty

- Prof. J S Viridi, Head Department of Microbiology South Campus, Delhi University, New Delhi.
- Prof. A S Tiwari (Retired), College of Agriculture, Gwalior
- Dr. Dheer Singh, Department of Food Science and Technology, Bundelkhand University, Jhansi.
- Dr. D K Bhatt, Department of Food Science and Technology, Bundelkhand University, Jhansi.
- Dr V S Chauhan, Department of Biotechnology, Bundelkhand University, Jhansi.

13. Percentage of classes taken by temporary faculty – programme-wise information.

- Only guest and visiting faculty.

14. Programme-wise Student Teacher Ratio.

- Only guest and visiting faculty.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

- Administrative Staff - 01 (Part-time)

- Class IV Staff - 01 ('Swakshak'- Service provider)

16. Research thrust areas as recognized by major funding agencies. -

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. -

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration

a)

M.Sc. Students carry out their projects in

different Industries/Organizations such as:

- **Coke Bareilly, Britania, Badri Vishal Agro, DFRL Mysore, Haldiram, Godrej – Hersheys, , Top & Town ice-cream , DS Foods, Allansons, ITC- Sunfeast, Britania, Ruchi Breweries, CFTRI, Davar’s Tropiolite, Cadbury, Caalpro foods, Vadilal, Mann food Pvt. Ltd. Etc.**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- Ministry of Food Processing Industries New Delhi.

Grant worth Rs 50,00,000/-

20. Research facility / centre with

- state recognition -
- national recognition -
- international recognition -

21. Special research laboratories sponsored by / created by industry or corporate bodies. -

22. Publications:

- * Number of papers published in peer reviewed journals (national / international)
- * Monographs
- * Chapters in Books
- * Edited Books
- * Books with ISBN with details of publishers
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Citation Index - range / average
- * SNIP
- * SJR
- * Impact Factor - range / average
- * h-index

23. Details of patents and income generated. -

24. Areas of consultancy and income generated. -

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad.

- **Only guest and visiting faculty.**
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify).
- **Only guest and visiting faculty.**
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
- Organized **“Food Festival cum Workshop” on February 07-08, 2013. Dr. S. Iqbal Ali from AMU Aligarh, Shri Gopal Singh (S K Industries, Malanpur) and Ms. Anamika Singh (URS Certification, Noida)** gave special lectures and guidance to the students along with the faculty members of Jiwaji University on this occasion
 - **On March 04.-05, 2014**, Centre for Food Technology organized the annual event ie., **Food Festival- Workshop** in which **Dr. G.S. Davar Chairman & Managing Director of Tropiolite Food Pvt. Ltd.** and **Dr. B.K. Bhattacharya Scientist G, DRDE, Gwalior** delivered lectures, **Hon’ble Vice Chancellor Prof. Sangeeta Shukla** presided over the proceedings. Faculty and Students displayed a variety of new food products in the following session Validictory function was chaired by **Prof. R.J. Rao, Rector, Jiwaji university** and **Dr. M.M. Wanjari** from **‘Ayus’** delivered the lecture on natural sources of antioxidants.
28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects
 - **Most of the M.Sc. students carry out their dissertations/projects/thesis in Food Industries and related organizations**
 - percentage of students doing projects in collaboration with other universities / industry / institute
 - **A few of the students establish collaborations with other Universities/Industry/Institute.**
29. Awards / recognitions received at the national and international level by
- Faculty
 - Doctoral / post doctoral fellows
 - Students
- **Only guest and visiting faculty**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

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31. Code of ethics for research followed by the departments. -

32. Student profile programme-wise: 2013-14

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc.	135	08+	28=36		

33. Diversity of students- 2013-14

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other Universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc.	80.75%	19.35%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. -

35. Student progression – 2011-13

Student progression	Percentage against enrolled
UG to PG	As per than information available
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	

Employed	
<input type="checkbox"/> Campus selection	Around 10%
<input type="checkbox"/> Other than campus recruitment	Around 50%
Entrepreneurs	

36 Diversity of staff : Only Guest/ Visiting Faculty.

Percentage of faculty who are graduates	
of the same university	-
From other universities within the State	-
From universities from other States from	-
Universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period. -
38. Present details of departmental infrastructural facilities with regard to
- Library - **01**
 - Internet facilities for staff and students. **YES**
 - Total number of class rooms - **02**
 - Class rooms with ICT facility - **LCD facilities available in the Auditorium.**
 - Students' laboratories - **Computer and Internet facility separately available.**
 - Research laboratories - **Computer and Internet facility separately available.**
39. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university. -
 - from other institutions/universities. -
40. Number of post graduate students getting financial assistance from the university.

- **SC and ST students are benefitted as per Government rules.**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
- **Internal Assessments, Seminars of the students as well as Food Festival/ Lecture / Workshop are periodically held.**
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
 - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
 - c. alumni and employers on the programmes offered and how does the department utilize the feedback?
- **Board of Studies meeting is annually held in which along with external expert a student member is also co-opted as per norms**
43. List the distinguished alumni of the department (maximum 10)
1. **Saurabh Mishra, Al Set Choco, Dubai**
 2. **Himanshu Jadon, Britannia Ind. New Delhi**
 3. **Vikas Kumar, Dawar Nepal, Pvt. Ltd.**
 4. **Ashish Singh, Shine road Foods, Sonipat**
 5. **Rahul Pratap Singh, G K Dairy and Foods Pvt. Ltd, Faridabad**
 6. **Vaishali Yadav, Quality analyst TUV Sud Gurgaon.**
 7. **Ratna Srivastava, AES laboratories Noida.**
 8. **Anjali Tiwari, Quality analyst AES laboratories, Noida.**
 9. **Amul Gupta, Quality assurance, Nestle Panipat.**
 10. **Jitendra Kushwah, Harshey Godrej India, Pvt. Ltd.**
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
- **Food Festival/Workshop is held annually inviting resources from Industry/ University/ other organizations. Lectures from visiting faculty are organized.**
45. List the teaching methods adopted by the faculty for different programmes.
- **LCD Projections are utilized in addition to the classical black- board teaching.**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- **By arranging seminars and assessment tests regularly.**
47. Highlight the participation of students and faculty in extension activities.
- **Generally students carry out M.Sc. dissertations/project, in Food Industries and related organizations.**
48. Give details of “beyond syllabus scholarly activities” of the department.
- **Food Festival/Workshop is held annually inviting resources from Industry/ University/ other organization lectures from visiting faculty are organized.**
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. -
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. -
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- **Students undertake training projects in a variety of Industries/ organizations, consequently the placement record is good However, appointment of faculty on regular- basis shall upgrade the Department.**
52. Future plans of the department.
- **Placement status of the Department is good even at the moment, however, if faculty is appointed in the Department on regular- basis it will strengthen the Department on infrastructure and research front.**