

HALDIA INSTITUTE OF TECHNOLOGY

INTERNAL QUALITY ASSURANCE CELL

Academic Audit 2022-2023

Evaluation Sheet

Department Name: **Department of Food Technology**
 Programme Name: **B.Tech**

Academic Year: **2022-2023**

I. PEO's, PO's and Curriculum		
SI No	Criterion	Observations
1	PEO's and PO's attainment	It is reflected in institute website
2	Revision in curriculum and validation date (provide details)	Autonomy syllabus is developed, implemented and uploaded in Institution website
3	Extent of its satisfaction with curriculum revision	Satisfactory

II. Faculty information and their contribution		
SI No	Criterion	Observations
1	Teacher-Student ratio	1:16.81
2	Faculty Cadre ratio	1:1:9
3	Faculty qualifications	PhD:3 M.Tech:8
4	Average experience of faculty	12 Years
5	Faculty contribution in writing Books Chapters	3
6	Members in Editorial boards	NIL
7	Faculty in professional organizations	All faculties are involved in professional organizations. Like AFSTI, IEL, IICHE. OTAI etc.
8	Awards/ Rewards received	NIL

9	Industry collaborative projects	2
10	Faculty as resource persons in workshops/ training activities	5
11	National level events organized Conference Workshops/Seminars- FDPs International level events organized Conferences- Workshops Seminars	4
12	Number of conferences /seminars workshops/ FDP's any exclusive programs attended for enrichment of teaching learning process	30

III. Teaching-Learning Process and Evaluation

Sl No	Criterion	Observations
1	Mechanism and activities for slow learners for their improvement outcomes	Extra class one to one
2	Student counselling mentoring mechanism	Mentors are connected through HOD, students, faculties (Department as well as non department), parents and alumni through a network. There is a schedule one class per week
3	Tutorial classes	As per requirement
4	Monitoring of teaching- leaning process E-learning models: Assessment of teaching process in classrooms Innovative teaching process in presented if any Verification of course files:	Satisfactory
5	Training programs conducted for students	Yes
6	Students feedback & steps taken	Feedback are taken at the end of every semester

7	Scope for Self-learning Certified course Online courses	Swayam, NPTEL, Coursera etc.
8	Results Analysis	Outstanding performance
9	Parents meeting on evaluations of student's progress	Yes
10	Student involvements in extra Curricular & Co-curricular activities:	Awesome performance

IV. Research, Consultancy and Extension

Sl No.	Criterion	Observations
1	Faculty publications in journals National- International-	1
2	Publications in conference National- International-	7 2
3	PhDs- Registered Awarded Pursuing	4
4	Funded R & D projects Applied Sanctioned Ongoing Completed	14 -
5	Patent applied Patent awarded	NIL
6	In-house R & D grants & projects	NIL
7	New research facilities/ laboratory facilities provided	Good
8	MOU's with industries/ R & D/ Premier institutes	NIL
9	Research centers of excellence established	NIL

V. Infrastructure and Learning Resources		
Sl No	Criterion	Observations
1	Adequacy of infrastructural facilities to improve the teaching learning process Class rooms: Laboratories: ICT/e-class rooms: Seminar halls:	Sufficient class room Well organized laboratories Class room should be ICT enabled Department needs one seminar hall for presentation purpose
2	Internet facilities for faculty & students	Available
3	Modern/ new equipment added in laboratories	Yes
4	Details of computing facilities and improvement	Computer lab must be set up with Computers equipped with modern configurations
5	Department level library resources	Existing

VI. Student information, Support and Progression		
Sl. No.	Criterion	Observations
1	Departmental student Publication	Ready to read, Wall magazine
2	Details of coaching provided for GATE/ GRE/ any other competitive exams for higher studies	Some special classes of relevant to the competitive exam GATE, NET has been organized
3	Industrial visits and academic visits	3

VII. SWOC Analysis of the Department		
Sl. No.	Criterion	Observations
1	Strength:	Highly qualified and motivated teachers Outcome based teaching learning methodology

		Consistent and excellent placement and internship Well established networking with Industries all over India
2	Weakness:	Lack of Patents and Consultancy Publication in SCI affiliated journals
3	Opportunities	Encouraging faculty for doctoral, post doctoral and National level industry oriented research
4	Best practice/ Innovative:	Commencement of Internships National / International Workshops Technical trainings , FoSTaC
5	Future plans:	Promoting Entrepreneurial activities among students Enrichment of IPR activities among Faculties More IPR workshops Industry driven academic research

Academic Audit Report 2022-23

1. Name of Department: **Department of Food Technology**
2. No of full time permanent faculty: 11
3. No of part time Visiting temporary contractual faculty: Nil
4. No of PG/UG courses: UG-1
5. Curriculum Revisions during the year: Yes
6. Research: Publications in journals: International- National-1, International-0
7. PhD Awarded: -
8. Faculty guiding Ph.D: -
9. Number of Conferences/Lectures/webinar organized: 4
10. Ongoing Sponsored projects & amount: 1, 15 Lakh (MSME Funded)
11. No of Faculty using: ICT & PPT All
12. New Equipment and Infrastructure added: Yes
13. Student feedback on Curriculum (Yes/ No): Yes

14. Strengths:

- (a) Good Placements and Internship Program
- (b) Research and teaching learning environment are excellent
- (c) Qualified and experienced faculty

15. Weaknesses:

- a) Lack of Patents and Consultancy
- b) Publication in SCI affiliated journals

16. Suggestions for improvement

- (a) Consultancy should be practiced
- (b) Technology transfer must be initiated

Departmental Coordinator:

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Principal

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