

4.9

Department of Wood Science and Technology

1. Name of the Department : Department of Wood Science and Technology
2. Year of establishment : 2007
3. Is the Department part of a School/Faculty of the university? Yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : PG
5. Interdisciplinary programmes and departments involved : Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Wood Industries & Research & Training Institute
7. Details of programmes discontinued, if any, with reasons : Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System : CCSS
9. Participation of the department in the courses offered by other departments : Yes
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others).

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	1	Nil	
Associate Professor			
Asst .Professor	2	Nil	
Others			

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Bijila	M.Sc.	Course Director	Wood Science	4	Nil
Rekha PP	M.Sc.	Assistant Professor (on contract)	Wood Science	3	Nil
Lajima V.V.	M.Sc.	Assistant Professor (on contract)	Wood Science	2	Nil
Rekha A.	M.Sc.	Assistant Professor (on contract)	Wood Science	1	Nil

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

Sl. No.	Name	Highest Qualification	Designation
1.	Dr. R.N. Kumar	Ph.D. (II SC)	Course Director Retd
2.	Dr. R.S.M. Shamsudeen	Ph.D.	Associate Professor (Dept of Zoology, Sir Syed College)
3.	Dr. S. Sreenivasan	Ph.D.	Head of the Department, Research & Development western India plywoods Ltd
4.	Dr. Vipin K. Chawla	Ph.D.	Scientist C, IIRTI, Bangalore
5.	Dr. Regunath	Ph.D.	Scientist C, IIRTI, Bangalore
6.	Dr. C.N. Panday	Ph.D.	Scientist C, IIRTI, Bangalore
7.	Dr. S.K. Nath	Ph.D.	Scientist C, IIRTI, Bangalore
8.	Dr. Aswathnarayana	Ph.D.	Scientist C, IWST, Bangalore
9.	Dr. Syamsunder	Ph.D.	Scientist C, IWST, Bangalore

13. Percentage of classes taken by temporary faculty – programme-wise information: 100%
14. Programme-wise Student Teacher Ratio: 4:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual : Office Attendant(temporary)
16. Research thrust areas as recognized by major funding agencies: Nil
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. : Nil
18. Inter-institutional collaborative projects and associated grants received
a) National collaboration: Nil b) International collaboration: Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : Nil
20. Research facility / centre with : Nil
- state recognition
 - national recognition
 - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil
22. Publications: Nil
- 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 : Nil
24. Areas of consultancy and income generated : Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil
26. Faculty serving in
 a) National committees b) International committees c) Editorial Boards d) any other (please specify)
 Department Council
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). ; Nil
28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects : Nil
 - percentage of students doing projects in collaboration with other universities / industry / institute: wood Industries & Research Institutes
29. Awards / recognitions received at the national and international level by : Nil
- Faculty
 - Doctoral / post doctoral fellows
 - Students
30. Seminars/ Conferences/Workshops organized and the source of funding (national / International) with details of outstanding participants, if any. : Nil
 Code of ethics for research followed by the departments : Nil
31. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
PG 2010 Batch	27	4	8	100	77.7
2011 Batch	21	0	13		92
2012 Batch	19	1	12		
2013 Batch	20	1	10		
2014 Batch	23	1	4		

33. Diversity of students

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
PG 2010 Batch	100			
2011 Batch	92	7		
2012 Batch	100			
2013 Batch	100			
2014 Batch	40	60		

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

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed <input type="checkbox"/> Campus selection <input type="checkbox"/> Other than campus recruitment	80 %
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates of	
the same University	100 %
Other Universities within the State	
Universities from other States	
Universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : Nil

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Available
- b) Internet facilities for staff and students : Available
- c) Total number of class rooms : 2
- d) Class rooms with ICT facility : Nil
- e) Students' laboratories : Nil
- f) Research laboratories : Nil

39. List of doctoral, post-doctoral students and Research Associates
 a) from the host institution/university : Nil
 b) from other institutions/universities: Nil
40. Number of post graduate students getting financial assistance from the university: Nil
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: Nil
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? All faculties are member of department council
 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?
43. List the distinguished alumni of the department (maximum 10) : Nil
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

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45. List the teaching methods adopted by the faculty for different programmes: PPT
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
47. Highlight the participation of students and faculty in extension activities: Tour & Industrial Visit
48. Give details of “beyond syllabus scholarly activities” of the department.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details: Nil
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: Followed syllabus only
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

1. University – Industry interaction Course
2. One month Industrial Training for students in reputed Industries
3. Intimate interaction with research Institutes.(KFRI, IPIRTI)
4. Industrial Oriented Course
5. Practical Oriented Programme

Weakness

1. Lack of Infrastructural Facility for class
2. Lack of Experienced Permanent faculty
3. Poor laboratory facilities including works though it is a practical oriented science course
4. Lack of awareness of the course
5. Unavailability of subject oriented books

Opportunities

1. vast opportunities in wood industries, quality controller and Chemist (Adhesives and Preservation)
2. Research fields

Challenges

1. Lack of awareness about this course among public.
 2. Low student strength because of the department now functioning in poor facilities.
52. Future plans of the department.
1. Publication of a news letter entitled “Conifers” focusing on various developments in the field of wood science.
 2. A National seminar is being considered to be held by the middle of next year on Wood preservation for future generation to develop eco friendly preservatives.