

**Dr. Babasaheb Ambedkar Technological University  
Academic Audit of University Department (2022 - 23)  
Academic Advisors Report (AAR)**

		DEPARTMENT OF COMPUTER ENGINEERING cse.dbatu.ac.in	
1	Name of the College, Website, email and Ph.No.		Dr. L. D. Netak
2	Name of the Principal, email & Mob. No.		Dr. A. W. Kiwelekar
3	Name of the Vice-Principal, email & Mob. No.		
4	Name of the IQAC Coordinator, email & Mob. No.		1995, No
5	UGC Recognition (2F & 12B)		NAAC B
7	NAAC Grade with Cycle, Accredited Year (if not Accredited Status of Preparations)		Yes
8	UGC Recognition (2F & 12B)		9.00 AM to 6.00 PM
9	College Working Hours (if shift system mention details of both shifts & give reasons for shift system)		
10	No. of Posts Sanctioned:	15	Contract Working: 07 Guest Working: NIL
11	Course wise & Year wise Students strength particulars (Proforma enclosed & to be submitted along with AAR)	Data is given in departmental annual report	

**II - CURRICULAR ASPECTS**

	Item	Impression of Academic Advisor with grade A (Good) / B (Satisfactory) / C (Poor) after observation		Recommendation/Suggestions by Academic Advisors
		Grade	Actual Status	
1	Implementation of Annual Institutional Plan	A	A	
2	Departmental Annual Curricular Plans	A	A-	
3	College Activity Register for the Academic Year	A	A	
4	Departmental Activity Registers (Dept. Wise)	A	A	
5	Add-on Courses (Department-wise) completed during Academic Year	B	B	

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6	Add-on Courses (Department-wise) in Academic Year	B	B	
7	Coverage of Syllabus (Average Percentage)	A	A	
8	Teaching of HVPE & Foundation Courses	A	A	
9	Teaching of Environmental Science and Ethics	A	A	
10	Maintenance of Student Attendance Registers	A	A	
11	Feedback forms on Curriculum from students	A	A	

### III - TEACHING, LEARNING & EVALUATION

1	Teaching Diaries & Plans in the Prescribed Formats	A	A	
2	Co-Curricular Activities (College Level)	A	A	
3	Academic Competitions (College & Above level)	A	A	
4	Conduct of Internal Examinations - continuous assessment & Mid-Term Test	A	A	
5	Subject wise result analysis	A	A	
6	Teacher wise result analysis	A	A	
7	Remedial Classes	B	B	need to improve
8	Record of Evaluation of Teachers by Students	A	A	

### IV - RESEARCH AND CONSULTANCY

1	Is the College a Recognized Research Centre	YES	yes	
2	No. of Research Guides in the Department	3	3	
3	No. of Research Scholars working for M.Tech. & Ph.D.	19	19	
4	Major/Minor/Other Research Projects	1	01	
5	Research Papers Published in Academic year (International /National)	13	13	
6	Papers Presented in Academic year (International /National/ State level conferences)	9	09	

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7	Books Published in Academic year (Single Author/ Co Author)	NIL	NIL	
8	Seminars/Workshops/ Training Programme Conducted in Academic year (International /National/ State)	2	02	
9	Record of Consultancy in Academic year	NIL	NIL	
10	Record of MOUs in Academic year	1	01	

#### VI - EXTENSION ACTIVITIES

1	Record of Subject/Department Related Extension Activities	C	C	
2	Name of the NSS PO & Mobile No.	Prof. Hemant Wharhatkar		
3	NSS Attendance register	A	Available at University Officer	✓
4	NSS Activity register	A	Available at University Officer	✓
5	Name of the NCC ANO & Mobile No.	Prof. Milind Bhagat		✓
6	NCC Attendance register	A	Available at University Officer	✓
7	NCC activity register	A	Available at University Officer	✓
10	Name of the Eco- & Innovation Club Coordinator & Mobile No.	Dr. Navin Khandare, CEO		
11	Eco- & Innovation Club Activities	B	B	
12	Technology & retain	B	B	
13	Technology Development and Transfer Cell Activities	B	B	
14	Any other Club	B	B	

#### IV - LEARNING RESOURCES


1	Name of the Librarian & Mob. No	Mr. Ajay Palkar (Incharge)		
2	Access timings of the Library	10 hrs	10 hrs	
3	Circulation of Books among Students	Yes	yes	
4	Availability of Previous years Question papers	A	A	

  
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5	Availability of model answers of previous examinations	B	B
6	Record of Visitors to Library	A	A
7	Status of Library Automation	A	A
8	e- Resources	A	A
9	Number of E-Journals	A	A
10	Number of Print Journals	B	B
11	Access to NPTEL courses	A	A
12	Access to Spoken Tutorials	A	A
13	Access to e-learning tutorials	A	A
14	TED-X activity on campus	B	B-

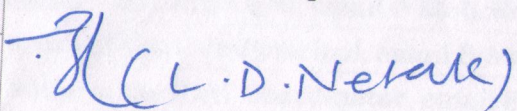
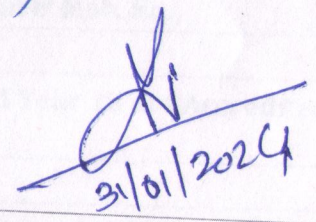
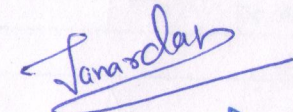
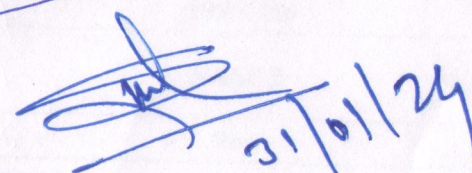
#### VII - Student Support Activities

1	Name of Dean/Faculty Incharge & Mob. No	Dr. V G Sargade, 9730341788	
2	Activities and Support for Sports	A	A
3	Records of events conducted and significant achievements in Sports & Games	B	B
4	Record of cultural programmes conducted	A	A
5	Record of any other extra-curricular activities conducted	A	A
6	Record of Students trained in different verticals Specialized Training	A	A
7	Record of Students placed in In campus placement	B	B
8	Name of Career Guidance Coordinator and Mob. No.	Dr. M. D. Laddha, 8487864373	
9	Record of activities Career Guidance and placement cell	A	A
10	Implementation of Departmental Research Plan	A	A

  
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11	IQAC activities & maintenance of records , (Action Plan/Minutes of Meeting/ submission of AQAR to NAAC etc)	A	A	
12	Record of Alumni Association Activities	A	A	
13	Record of Grievance Redressal Cell / Anti Ragging Cell	A	A	
14	Awards and Prizes earned by students	A	A	
15	Mentoring / Counseling System	A	A	
<b>VIII - Basic Amenities</b>				
1	Maintenance of drinking water	A	A	
2	Maintenance of Sanitation	A	A	
3	Rest room for women students	B	B	
4	Greenery & Cleanliness	A	A	
5	Health Care Facility	A	A	
6	Canteen	A	A	
<b>IX - GOVERNANCE AND LEADERSHIP</b>				
1	Staff meetings Register	A	A	
2	Functioning of Committees in Administration (Minutes of Meetings)	A	A	
3	Awards/Achievements of faculty	A	A	
4	Faculty development initiatives	A	A	
<b>X - IT INITIATIVES</b>				
1	e-class rooms (Number & Usage)	A	A	
2	Internet Centre	A	A	
3	Computer labs (No. of labs & working systems)	A	A	
<b>XI - Best Practices</b>				
1	Record of best/innovative practices by the institution	A	A	

  
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2	College Activity Register/ Annual Report	A	A
3	Hard Copy of AQAR	A	A
4	Over All Impression on the Department	A	A
<b>Signature of the Principal</b>		<b>Signatures of Academic Advisors</b>	
  31/01/2024		 31/01/2024  31/01/24	

**Dr. Babasaheb Ambedkar Technological University, Lonere - 402 103**

**Academic Audit Summary Sheet: Undergraduate Program**

**Department: Computer Engineering**

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**Program Title: B.Tech. in Computer Engineering**

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**CIP Code(s):**

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**Academic Audit Status: 2022 - 2023**

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Each undergraduate program undergoes either an academic audit or external peer review.

The criteria used to evaluate a program appear in the following "*Academic Audit Summary Sheet*" have been selected based on the Academic Audit Focal Areas to be consistent with the spirit and process of the Academic Audit.

When combined with the self-study and the written report prepared by the visiting team, the Summary Sheet will facilitate the institutional development of a program action plan to ensure continuous quality improvement.

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**Name:** Dr. Sudhir N. Dhage

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**Name:** Mr. Janardan Prajapati

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**Title:** Professor

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**Title:** Manager

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**Institution:** Sardar Patel Institute of Technology

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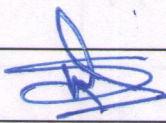
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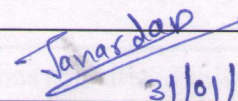
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**Signature with Date**

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**Signature with Date**

 31/01/2024

 31/01/2024

# Dr. Babasaheb Ambedkar Technological University, Lonere - 402 103

## Academic Audit of University Department (2022 - 23)

### Academic Audit Report (AAR)

Name of Department: Department of Computer Engineering

Sr. No.	Item	Grade	Impression
1	Conduct of Classes	A	From the attendance record, it is observed that classes have been conducted regularly as per the timetable.
2	Co-Curricular Activities & Extra-Curricular Activities	A	The department has organized guest lectures and technical workshops.
3	Department Activity Register	A	The department has maintained records of all activities conducted from time to time in the form of reports, minutes, photographs, feedback, attendance, etc. Overall record keeping is found to be good.
4	Discipline on the Campus	A	Department has maintained cleanliness and neatness and rules and regulations are followed.
5	IQAC	A	University has its own IQAC Cell which looks after and maintains the overall quality of the department in all senses.
6	Placement	A	Though the department has prioritized this activity, there is much scope to improve the current scenario. The department is encouraging students to opt for internships and competitive programming.
7	Departmental Research	A	<p>It is observed that department faculty regularly publish research work.</p> <p>The research facility in the department is upgraded regularly as per requirement.</p> <p>Many of the UG and PG projects given to the students are good and some are product-based.</p> <p>Presently about 19 students are doing Ph.D. in the department.</p>
8	Career Guidance Cell	A	This cell is in place at the University and department levels.
9	SWAYAM facilities	A	Presently students have been asked to enroll for the courses through the SWAYAM platform as per their willingness.
10	Library	A	In addition to the University Library, the department has its own library in place.



			<p>The books in the library have been collected from Alumni, Teachers, and outgoing students, as complementary books, from the publishers.</p> <p>Along with books, the past years' UG/PG/PhD Project reports are also available to students for reference.</p>
11	Research Laboratories	B	<p>Major research areas of the department are, applied Artificial intelligence, Blockchain, AR / VR technologies, Cognitive learning analytics, Fog computing, Geospatial data analysis, and software engineering. The department had a project grant from the industry to do research work.</p>
12	Games & Sports	A+	<p>It is found that students of the department are actively participating and excelling in extracurricular activities, including sports activities. The students have fetched prizes and laurels at the University and State levels.</p>
13	Humanities and Foundation Courses	A	<p>These courses have been incorporated into the curriculum as per the mandate of UGC / AICTE.</p>
14	Teacher Evaluation by Students	A	<p>The feedback system is in place. After collecting feedback from students (currently offline), the same is analyzed and a report is prepared.</p>
15	Maintenance of Register	A	<p>To keep track of various activities, different registers have been maintained by the department, which needs improvement.</p>
16	Teaching Diaries & Plans	A	<p>Course files along with the teaching plan, notes, course material, question bank, assignments, and question papers have been well maintained using Google Classrooms.</p>
17	NCC / NSS	A	<p>This activity is carried out at the University level and students of the department actively participate in the events arranged by cell at various levels.</p>
18	Women Empowerment Cell	A	<p>This cell is at the University level.</p>
19	Professional Clubs	A	<p>ACES and Codechef chapter.</p>
20	Sanitation & drinking water	A	<p>Available and well-maintained by the University.</p>
21	Cleanliness	A	<p>Departmental cleanliness is OK but overall the University campus cleanliness can be improved.</p>
22	Functioning of Teachers	A	<p>Most of the teachers have kept their records as per the requirements of NBA/NAAC.</p>
23	Overall impression of the Department	A	<p>Excellent</p>

24	Any other observation:	<ul style="list-style-type: none"> <li>- Process to identify weak &amp; strong student &amp; improvement.</li> <li>- Policy for internship &amp; id's assessment</li> <li>- Need improvement in Curriculum structure &amp; NEP implementation</li> <li>- Student Placement - self-employment motivation &amp; guidance</li> </ul>
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**Action Taken on Last Observation:**

- Good infra-structure  
 All Faculty's are cooperative at the time of audit. Audit Presentation was Good

Sr. No.	Previous Observation	Action Taken
1	Curriculum structure needs to be refined.	The department has initiated restructuring the Curriculum as per the NEP - 2020.
2	Target metrics to attend needs to be identified.	Certification Courses, Mini Projects, Seminar, Internship, PO attainment, Program exit survey.
3	Objectives of the audit shall be clearly defined.	<b>Academic Audit Objectives:</b> <ol style="list-style-type: none"> <li>To assess the academic performance of individual faculty in a department.</li> <li>To assess the academic performance of the department as a whole.</li> <li>To identify the strengths and limitations of the department.</li> </ol>

A (Good) / ~~B (Satisfactory)~~ / ~~C (Poor)~~

A

**Signatures of Academic Auditors:**

1. Dr. Sudhir N. Dhage, Professor, Sardar Patel Institute of Technology, Andheri, Mumbai.

2. Mr. Janardan Prajapati, Manager, Reliance Jio, Mumbai.

*Janardan*  
 31/01/2024

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 31/01/2024