



Ref: TCET/GEN/FRM/IP-10/10
TCET/IT/ 05 of August 2025

Date : 25/08/2025

REPORT ON PIXXELHACK WEBATHON 1.0

1) Event Details:

PixxelHack Webathon by TCET ACM was conducted online in two rounds – Qualification round on 1st August 2025 and Final Development & Demo round on 8th Aug 2025.

It was open to SE, TE & BE students (individuals or teams up to 2), with certificates for all and exclusive prizes for winners.

2) Date: Round 1 – Qualification Round: 1st August 2025

Round 2 – Final Project Development & Demo: 8th August 2025

3) Mode: Online

4) Participants :

Inside College - 93

Outside College - 56

College Name: PES, College of Engineering Pune, Indian Institute of Technology PATNA, Vellore Institute of Technology VELLORE, Dwarkadas J. Sanghvi College of Engineering Mumbai, Rizvi College of Engineering Mumbai, Sardar Patel Institute of Technology Mumbai.

Individual or Team (up to 2 members).

5) Objective :

The event was planned to:

- To provide a platform for students and developers to showcase their creativity, problem-solving skills, and technical expertise in the domain of web development.
- To foster peer learning, networking, and exposure to real-world problem statements, preparing participants for future challenges.
- To Encourage Innovation: Provide a platform where students can convert ideas into impactful web-based solutions.

TCET-ACM Core Committee & Faculty:

		Responsibilities
TCET-ACM faculty	Dr. Rajesh Bansode	TCET-ACM Branch Counsellor
	Mr. Avinash Shrivastava	Process Incharge
	Mrs. Mary Margaret Mrs. Apeksha Waghmare	Faculty Incharge.



TCET-ACM Committee

All core committee members

Attendance, Report Generation,
Maintain the flow of the event,
Getting Feedback from students

Attendance Analysis:

participants	Number of Participants
TCET	93
Non TCET	56
Total	149

8) Plan :

Plan:

Round 1 focused on Presentation using the given elements (01 – 02 August 2025) where teams created their ideas.

Round 2 emphasizes MVP Development & Demo (08 – 10 August 2025) with final presentations to judges.

Schedule:

Date& Time	Activity done
01 Aug 2025 9:00 am	Release of Round 1 Problem Statements.
02 Aug 2025 9:00 pm	Round 1: Qualification Round.
8 Aug 2025 9:00 am	Release of Round 2 Problem Statements
10 Aug 2025 9:00 am	Round 2: MVP Development & Submission.
Post 10 Aug 2025	Mandatory Team Presentations & Project Demos.



9) Highlights of the event:

Topics learned in the Webathon	Description
What was the main objective of the Pixxel-Hack Webathon organized by TCET ACM?	The main objective was to provide a platform for students and developers to showcase creativity, problem-solving skills, and technical expertise in web development. It encouraged innovation, fostered peer learning, and gave exposure to real-world problem statements.
How was the Webathon structured and who could participate?	The Webathon was conducted in two rounds – Round 1 (Qualification Round on 1st–2nd August 2025) and Round 2 (MVP Development & Demo on 8th–10th August 2025). It was open to SE, TE, and BE students from all domains, allowing individuals or teams (up to 2 members).
What key takeaways did participants gain from the event?	Skill Development – Improved coding, designing, and problem-solving abilities. Exposure & Experience – Understood hackathon culture and real-world project building. Networking & Recognition – Connected with peers nationwide and earned certificates & prizes.

10) Learning:

Programme outcomes:

- PO1: Engineering Knowledge.
- PO2: Problem Analysis.
- PO3: Design/ Development of Solutions.
- PO4: Conduct Investigations of Complex Problems.
- PO5: Engineering Tool Usage.
- PO9: Communication.
- PO11: Life Long Learning.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	8010	8011	8012	8013	8014	8015	8016	8017	8018	8019	8020	8021	8022	8023	8024	8025	8026	8027	8028	8029	8030	8031	8032	8033	8034	8035	8036	8037	8038	8039	8040	8041	8042	8043	8044	8045	8046	8047	8048	8049	8050	8051	8052	8053	8054	8055	8056	8057	8058	8059	8060	8061	8062	8063	8064	8065	8066	8067	8068	8069	8070	8071	8072	8073	8074	8075	8076	8077	8078	8079	8080	8081	8082	8083	8084	8085	8086	8087	8088	8089	8090	8091	8092	8093	8094	8095	8096	8097	8098	8099	80100	80101	80102	80103	80104	80105	80106	80107	80108	80109	80110	80111	80112	80113	80114	80115	80116	80117	80118	80119	80120	80121	80122	80123	80124	80125	80126	80127	80128	80129	80130	80131	80132	80133	80134	80135	80136	80137	80138	80139	80140	80141	80142	80143	80144	80145	80146	80147	80148	80149	80150	80151	80152	80153	80154	80155	80156	80157	80158	80159	80160	80161	80162	80163	80164	80165	80166	80167	80168	80169	80170	80171	80172	80173	80174	80175	80176	80177	80178	80179	80180	80181	80182	80183	80184	80185	80186	80187	80188	80189	80190	80191	80192	80193	80194	80195	80196	80197	80198	80199	80200	80201	80202	80203	80204	80205	80206	80207	80208	80209	80210	80211	80212	80213	80214	80215	80216	80217	80218	80219	80220	80221	80222	80223	80224	80225	80226	80227	80228	80229	80230	80231	80232	80233	80234	80235	80236	80237	80238	80239	80240	80241	80242	80243	80244	80245	80246	80247	80248	80249	80250	80251	80252	80253	80254	80255	80256	80257	80258	80259	80260	80261	80262	80263	80264	80265	80266	80267	80268	80269	80270	80271	80272	80273	80274	80275	80276	80277	80278	80279	80280	80281	80282	80283	80284	80285	80286	80287	80288	80289	80290	80291	80292	80293	80294	80295	80296	80297	80298	80299	80300	80301	80302	80303	80304	80305	80306	80307	80308	80309	80310	80311	80312	80313	80314	80315	80316	80317	80318	80319	80320	80321	80322	80323	80324	80325	80326	80327	80328	80329	80330	80331	80332	80333	80334	80335	80336	80337	80338	80339	80340	80341	80342	80343	80344	80345	80346	80347	80348	80349	80350	80351	80352	80353	80354	80355	80356	80357	80358	80359	80360	80361	80362	80363	80364	80365	80366	80367	80368	80369	80370	80371	80372	80373	80374	80375	80376	80377	80378	80379	80380	80381	80382	80383	80384	80385	80386	80387	80388	80389	80390	80391	80392	80393	80394	80395	80396	80397	80398	80399	80400	80401	80402	80403	80404	80405	80406	80407	80408	80409	80410	80411	80412	80413	80414	80415	80416	80417	80418	80419	80420	80421	80422	80423	80424	80425	80426	80427	80428	80429	80430	80431	80432	80433	80434	80435	80436	80437	80438	80439	80440	80441	80442	80443	80444	80445	



Question	Engineering Knowledge	Problem Analysis	Design/Development of solution	Investigations	Tool Usage	Engineer & World	Team Work	Communication	Lifelong Learning	Total
	PO 1	PO2	PO3	PO4	PO5	PO6	PO8	PO9	PO11	
How did the Webathon help you apply classroom knowledge to real-world problems?	7	7	7	6	7	6	7	7	7	7
What technical tools/frameworks did you explore during the event?	6	6	6	6	7	5	6	6	6	6
How did teamwork & mentorship improve your project outcomes?	6	6	6	5	6	5	7	7	6	6
Score out of 10	6.33	6.33	6.33	5.6	6.6	5.3	6.6	6.6	6.33	6.33
	2.11	2.11	2.11	1.8	2.2	1.7	2.2	2.2	2.11	2.11

Attainment of PEOs with PO's:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	Total
PEO 1	2.11	2.11	2.11	1.8	2.2							2
PEO 2						1.7		2.2	2.2			2
PEO 3									2.2		2.11	2.1



Mapping and Attainment of PEOs with Department Mission:

PEO	Department Mission Keywords			
	M1 Quality Education	M2 Industry Ready	M3 Professional ethic and social Values	M4 Responsible Citizen
PEO 1 (Knowl'dge)	2	2		
PEO 2 (Skill and Professionalism)		2	2	
PEO 3 (Attitude, Presentation and Growth)		2.1		2.1

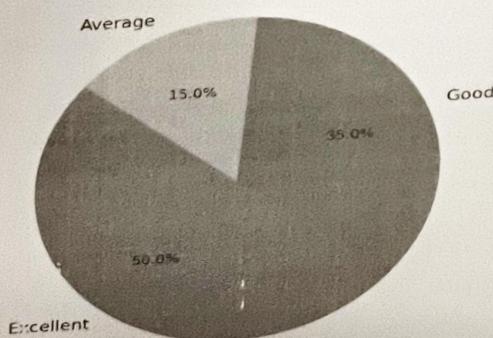
11) Actions Taken:

Some actions that were taken post the event are –

- Conducted two rounds – Qualification round & MVP Development to test creativity and technical execution.
- Facilitated nationwide participation through online mode with affordable registration.
- Provided mentorship, feedback & certificates to all participants.
- Ensured wide outreach & publicity resulting in 50K impressions and 149 team registrations.

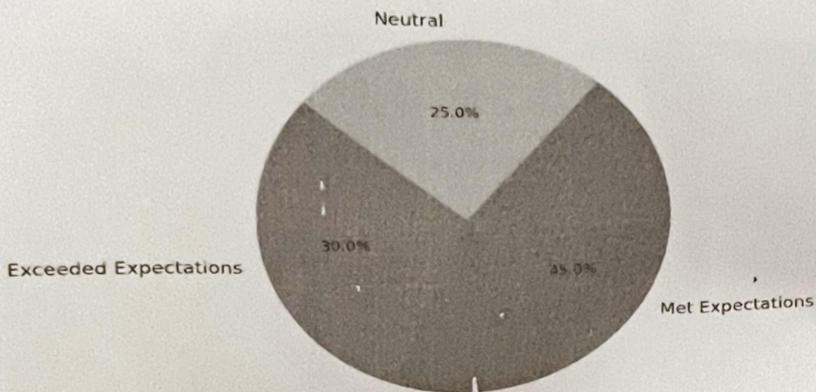
12) Feedback Analysis:

Q1: How would you rate the Webathon?





Q2: How well did it meet your expectations?



Reviews/Comments given by the students:

Name	Reviews
Khushi Gupta	The Pixxelhack Webathon proved to be a highly beneficial event for participants, offering both technical growth and community engagement.
Rushikesh Patil	As the hackathon focused on web technologies, it provided an excellent platform for developers and students to learn, build and showcase innovative projects.
Keshav Suthar	The Webathon proved to be an inspiring platform where participants could enhance their technical skills, experiment with new ideas, and gain valuable exposure to the latest trends in web development.
Prince Maurya	Pixxelhack provided an engaging environment for students and developers to challenge themselves, collaborate on projects, and translate creative ideas into functional web applications.



Association for
Computing Machinery
SIGITE

TCET-ACM SIGITE Students' Chapter

Glimpses :



13) Risks and Mitigations:



- Risks:*
- Low registrations due to lack of awareness.
 - Technical glitches during online demo sessions.
 - Time management issues with submissions & presentations.
 - Risk of participant dropouts between rounds.

Mitigations:

- Social media campaigns and campus ambassador promotions.
- Pre-testing online platforms and having backup channels.
- Clear timelines, reminders, and structured schedules.
- Affordable fees, regular updates, and mentor engagement to retain teams.

14) Outcomes:

- Participants demonstrated creativity, problem-solving abilities, and technical proficiency by developing and presenting web-based projects.
- Learners engaged in peer-to-peer interaction, collaborative learning, and addressed real-world challenges, enhancing their readiness for industry demands.
- Students were encouraged to innovate by transforming their ideas into functional and impactful web development solutions.

15) Scope for improvement:

- Increase team size flexibility (many wanted >4 members).
- Provide more structured mentorship sessions before Round 2.
- Enhance industry expert involvement as judges/speakers.
- Extend hackathon timeline slightly for better MVP building.

16) SWOT Analysis:

Strength	Weakness	Opportunity	Threat
Participation from reputed colleges across India (PES, COEP, IIT Patna, VIT, DJ Sanghvi, SPIT, etc.). 50K+ impressions and 149 registered teams ensured wide reach Two-round structured format (Qualification + MVP Development) gave fairness and learning opportunities. Certificates, prizes & goodies motivated participants.	Limited time for MVP development (only 2 days for Round 2). Some confusion in problem statement clarity during ideation. Mentorship sessions could have been more structured and continuous.	Potential to expand to international participation in future editions. Collaboration with industry sponsors for internships, bigger prizes, and recognition. Use events as a talent pipeline for companies to recruit skilled developers.	Competing hackathons held around the same dates may reduce participation.



17) Conclusion:

- PixxelHack Webathon successfully provided a platform for innovation, creativity, and technical skill-building among engineering students across India.
- Recognition in the form of certificates, prizes, and goodies ensured motivation and appreciation for both winners and participants.

18) 5W1H analysis:

Who:

Organized by TCET ACM.

Open to SE, TE & BE students nationwide (individual or team of 2).

What:

An online webathon with two rounds: Qualification round & MVP Development round.

When:

Round 1: 1st–2nd August 2025.

Round 2: 8th–10th August 2025.

Where:

Conducted online.

Why:

To encourage innovation, build real-world skills and expose students to hackathon culture.

How:

Registration at ₹39 per team for ACM members & ₹59 per team for Non ACM members.
149 teams registered; 50 qualified for finals; 6 winners announced.

Vivek
25/8/25

Mr. Vivek Gupta
Chairperson, TCET-ACM
Tuesday
25/8/25
Ms. Tanmayi Reddy
Secretary, TCET-ACM

Harmeet
25/8/25
Mrs. Mary Margaret
Mrs. Apeksha Waghmare
TCET-ACM
Faculty Incharge

Avinash
25/8/25
Mr. Avinash Shrivastava
TCET-ACM
Process Incharge

Rajesh
25/8/25
Dr. Rajesh Bansode
HOD IT & ACM
Branch Counsellor