

### Stage1: Results for DD-Robocon 2022 (March 04, 2022)

S.No.	University/College/Institute Name	Solution Idea (20) Marks	Mechanism and Calculations/Justifications (40) Marks	CAD (40 marks) Grand Total (100) Mark	Grand Total (100) Marks	Final Comment
<b>FOLLOWING TEAMS ARE SHORTLISTED FOR STAGE 2</b>						
1	A. D. Patel Institute of Technology, V V Nagar, Gujarat	15	30	30	75	Please keep provision for manufacturing too when designing mechanisms. Consider the motors and constraint ropes/wires properly using appropriate hardware
2	A.C.Patil College of Engineering, Navi Mumbai	18	28	30	76	
3	Ajay Kumar Garg Engineering College	20	40	40	100	
4	Atharva College Of Engineering	19	39	40	98	
5	B.R.A.C.T's Vishwakarma Institute of Information Technology	15	38	36	89	
6	BANNARI AMMAN INSTITUTE OF TECHNOLOGY - SATHYMANGALAM , ERODE - 638401 [Team: VITALITY]	19	20	40	79	
7	BANNARI AMMAN INSTITUTE OF TECHNOLOGY [Team: ASSAULT]	19.5	21.5	39	80	
8	BANNARI AMMAN INSTITUTE OF TECHNOLOGY [Team: Innovators]	17	32	30	79	Dimensions need to be rechecked. Mechanisms can be optimised by reducing actuators and making the ball dispensing mechanism more sturdy. Manufacturability can be an issue in hitter mechanism.
9	Bannari Amman Institute of Technology [Team: NOVA]	19.5	38	40	97.5	
10	Bannari Amman Institute of Technology [Team:ALPHA]	17	29	40	86	-
11	Birla Institute of Technology, Mesra	17	33.5	40	90.5	
12	Birla Vishvakarma Mahavidyalaya	16	12	35	63	
13	BRAC T's Vishwakarma Institute of Technology, Pune	20	40	40	100	
14	College of Engineering Pune	20	34	36	90	
15	Fr. Conceicao Rodrigues College of Engineering	18	38	40	96	

16	Fr. Conceicao Rodrigues Institute of Technology	20	40	40	100	
17	G.H.PATEL COLLEGE OF ENGINEERING AND TECHNOLOGY(GCET)	18	26	34	78	
18	GOVERNMENT COLLEGE OF ENGINEERING AND RESEARCH, AVASARI, PUNE - 412405.	19	34	36	89	
19	Government College of Engineering, Amravati, Maharashtra	20	40	40	100	
20	Government college of engineering, Aurangabad	16	29	35	80	
21	Government College of Engineering, Karad	17	31	28	76	
22	Gujarat Technological University	20	39.5	40	99.5	
23	IIT DELHI	18	40	40	98	
24	IIT INDORE	20	40	40	100	
25	IIT Ropar	12	25	32	69	-
26	Indian Institute of Technology Patna	12	36	37	85	
27	Indian Institute of Technology, Jodhpur	20	40	40	100	
28	Institute of Technology, Nirma University	20	40	40	100	
29	JSPM's Rajarashi Shahu College of Engineering, pune	19	37	40	96	
30	K. J. Somaiya Institute of Engineering and Information Technology	20	27	40	87	
31	Kalinga Institute of Industrial Technology	20	27	33	80	
32	KIET GROUP OF INSTITUTIONS GHAZIABAD	19	22	38	79	
33	KJ Somaiya College of Engineering	20	40	40	100	
34	Kumaraguru College of Technology	20	36	38	94	
35	L. D. COLLEGE OF ENGINEERING	17	30	37	84	GOOD
36	LJ University	15	30	35	80	
37	Mahindra University	20	40	30	90	
38	Manipal Institute of Technology, Manipal	13	24	32	69	Concepts are good but execution needs to be improved. Please check dimensions.

39	Marathwada Mitra Mandal's College of Engineering, Karvenagar, Pune 52.	16	31	35	82	
40	Maulana Azad National Institute of Technology, Bhopal	10	20	30	60	-
41	MCT's Rajiv Gandhi Institute of Technology, Versova, Mumbai-400053	17	32	40	89	-
42	MIT Academy Of Engineering, Alandi (D), Pune	20	39	40	99	
43	MIT ADT University	19	40	40	99	
44	MIT World Peace University, Pune	20	37	40	97	Good
45	MKSSS's Cummins College of Engineering for Women, Pune	19	33	40	92	
46	Muffakham Jah College of Engineering and Technology	19	39	37	95	
47	National Institute Of Technology Agartala	14	22	28	64	
48	National Institute of Technology Durgapur	20	40	40	100	Great Work
49	National Institute of Technology Karnataka Surathkal	20	37.5	40	97.5	
50	National Institute of Technology, Warangal	14	22	28	64	
51	PADMABHOOSHAN VASANTDADA PATIL INSTITUTE OF TECHNOLOGY (PVPIT), Bavdhan Pune	20	40	40	100	Very Good
52	Parul University / Parul Institute of Technology	19	38	40	97	Good work. Need to add counterweight to kicking mechanism to make it stable.
53	PES Modern College of Engineering, Pune	20	40	40	100	
54	Pimpri Chinchwad College of Engineering, Pune	20	38	40	98	OVERALL CONCEPT IS GOOD
55	Presidency University, Bengaluru	20	40	40	100	
56	PSG College of Technology	16	31	39	86	
57	Pune Institute of Computer Technology	18	39	40	97	OVERALL CONCEPT IS GOOD
58	Sanjivani College of Engineering, Kopargaon	20	40	38	98	
59	Sardar Patel College of Engineering, Andheri, Mumbai	17	33	30	80	
60	SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY (SVNIT), SURAT	20	38	39	97	EXCELLENT
61	Shri Guru Gobind Singhji Institute and Engineering and Technology, Nanded (SGGSIE&T)	18	37	40	95	

62	Shri Ramdeobaba College of Engineering and Management, Nagpur	20	40	38	98	Good
63	SRM Institute of Science and Technology, KTR Campus	15	33	38	86	GOOD
64	St. Francis Institute of Technology	19	40	35	94	
65	St. Vincent Pallotti college of Engineering and Technology	15	23	25	63	Need to focus more on the feasibility of the mechanisms
66	SVKM's Dwarkadas J. Sanghvi College of Engineering	19	40	40	99	good
67	SVKM's NMIMS Mukesh Patel School of Technology Management and Engineering, Mumbai	19	37	35	91	
68	U.V PATEL COLLEGE OF ENGINEERING, GANPAT UNIVERSITY	19	38	40	97	EXCELLENT
69	Vellore Institute Of Technology Bhopal	15	28	30	73	
70	Vellore Institute Of Technology, Chennai Campus	13	15	33	61	Not good
71	Walchand College of Engineering, Sangli	20	35	35	90	

**FOLLOWING TEAMS ARE NOT SHORTLISTED FOR STAGE 2**

1	BANNARI AMMAN INSTITUTE OF TECHNOLOGY [ Team: ROBO-RIDER]	13	0	0	13	
2	Bannari Amman Institute Of Technology [Team: Agni]	12	13	24	49	Incomplete robot
3	Bharati Vidyapeeth College of Engineering, Navi mumbai	...	...	...	...	REPEATED ENTRY
4	Bharati Vidyapeeth College of Engineering, Navi mumbai	...	...	...	...	REPEATED ENTRY
5	Bharati Vidyapeeth College of Engineering[Team: Robonauts]	13	10	20	43	R1 launching will not be possible with conveyor. R2 is very unfeasible. The mechanisms are not feasible.
6	IITH	9	13	20	42	
7	Sister Nivedita University	0	20	0	20	
8	Symbiosis Institute Of Technology, Pune[Team: Symbiosis]	...	...	...	...	Same Design for two teams- not considered
9	Symbiosis Institute Of Technology, Pune [Team: Rotonty]	...	...	...	...	Same Design for two teams- not considered