

Vasavi College of Engineering (Autonomous)
Criteria 7
Institutional Distinctiveness and Best Practices

Best practices:

7.2.1 Provide the web link on the Institutional website regarding the Best practices as per the prescribed format of NAAC:
Academic Year: 2022-23

Title of the Practice: #1

Equity Action Plan

Objectives of the Practice:

- To provide equal opportunity to each student for gaining the requisite skills and knowledge needed to access meaningful opportunities.
- To benefit the academically weaker students by organizing remedial classes, tutorials, communicative, Technical and Soft Skills, curricular development etc., to bring these students to required level of proficiency.
- To make campuses physically and socially gender friendly; especially by providing adequate and suitable facilities to the physically challenged, Women students and Faculty.
- To ensure adherence of Equity Action Plan scrupulously and transparently.

The Context:

Equity action plan is adopted to promote fairness, inclusion, and diversity within their structures, processes, and service delivery. Equity action plan is required to identify, address, system barriers that are hindering the opportunities and resources for students from various backgrounds and socioeconomic status. An equity action plan encompasses various strategies and initiatives aimed at addressing systemic barriers and ensuring equitable access to academic excellence, employability skills development, support services, and infrastructure support.

The Practice:

Equity Action Plan in the college has been emphasized in the following areas:

1. Academic
2. Employability
3. Support Services
4. Infrastructure Support

Academic			
S No.	Activity	Sub-activity/Action	Indicator to measure outcome
1	Induction Programme	To make new students familiar with Institute	Smooth transition to Academic Programmes
		Interact with students to overcome homesickness, etc.	
		Dissemination of information related to Academic Calendar, Acad. Regulations etc.	
2	Remedial Classes	To impart knowledge in the domain areas where the performance of the students is low	Improvement in pass % and transition rate.
3	Identifying critical courses where failures are observed	Arranging special classes & labs on academic courses as required based on Semester and exam assessment	Improvement in pass % and transition rate
4	Bridge Course	Identify and conduct bridge courses for the students admitted through Lateral Entry	Enhanced performance of Lateral Entry students in SEE
5	Research & Develpt. and Training/ Workshops/ Seminars	Sponsorship for paper publication/ attending conference/ workshop/ Seminar, Training & Registration support, visit to R & D Organizations/ Institutes of National importance, sponsoring MOOCs online courses	Improvement in academic credentials & promoting Research culture among students, encouragement for higher studies.

Employability			
S No.	Activity	Sub-activity/Action	Indicator to measure outcome
1	Skill Development Initiatives	Preliminary diagnostic Test on Aptitude and Communication	Improvement in Placements
		Soft-skills Analytical Skills & Employment Readiness Programmes	
		Campus Recruitment Training	
2	Career Guidance	Career Guidance Seminars by ACE, Y-Axis, CAT Coaching by Sharat Classes	Improvement in Admissions in B-Schools, Higher Education
3	Developing Entrepreneurial Qualities	An accelerated entrepreneurship experience through SWAYAM, E-Summit. Ideation Contest, Invited guest lectures, field visits, Internship courses, etc..	Creating awareness on Entrepreneurship and Start- ups.
Support Services			
S No.	Activity	Sub-activity/Action	Indicator to measure outcome
1	Mentoring of students	Personal Counselling by professional student counsellor	Improvement in their academic performance
		Mentoring the progress of their academics	
		Career Guidance	
2	Grievance Redressal	Institutional level mechanism to capture the issues connected to the students comfort in the campus	Percentage of insights gathered from institutional feedback
3	Financial Support	Financial assistance towards hostel facility	Improvement in the academic performance
		Financial assistance towards Technical Skills Programme	
		Financial Assistance towards transport facility	

INFRASTRUCTURE SUPPORT			
S No.	Activity	Sub-activity/Action	Indicator to measure outcome
1	Facilitating the students with infrastructure Facilities.	Creating an academic ambience	Percentage of perception captured through the institutional feedback
		Support for making campus gender friendly	
		Ramps & Toilets	

Evidence of Success:

The following amounts are sanctioned under EAP towards Technical Skills (**Phase-I**) and Book Lending Scheme for the Academic Year 2022-23”

S.No	Details of Financial Assistance	Boys and Girl student beneficiaries					Total Amount
		Boys	Amount	Girls	Amount	Total students	
1	Hostel, Local Transport and Special fee exemption	22	₹ 2,05,000	8	₹79,000	30	₹2,84,000
2	Book Lending Scheme	7	₹ 28,000	1	₹4,000	08	₹ 32,000
3	Technical Skills Course Fee	10	₹ 56,400	5	₹19,600	15	₹ 76,000
	Total	39	₹ 2,89,400	14	₹1,02,600	53	₹3,92,000

The total beneficiaries for the above financial support is as follows:

No. of students benefited: 53

No. of Male Students: 39

No. of Female Students: 14

The following amounts are sanctioned under EAP towards Technical Skills (**Phase-II**) and Campus recruitment fee for the Academic Year 2022-23”

S.No	Details of Financial Assistance	Boys and Girl student beneficiaries					Total Amount
		Boys	Amount	Girls	Amount	total students	
1	Technical Skills Course Fee	15	₹51,000	2	₹ 6,400	17	₹ 57,400
2	Campus Recruitment fee	20	₹1,40,000	10	₹70,000	30	₹ 2,10,000
3	Hostel Charges	0	0	1	0	0	₹ 10,000
	Total	35	191000	13	76400	48	₹ 2,77,400.00

The total beneficiaries for the above financial support is as follows:

No. of students benefited: 48

No. of Male Students: 35

No. of Female Students: 13

Total amount sanctioned for the Year 2022-23 under EAP is **₹3,92,000+₹2,77,400= ₹ 6,69,400**

List of Student Beneficiaries: Phase –I

S.No.	Roll No.	Name of the Student	Branch	Amount Sanctioned	Purpose	Before EAP CGPA (V-Sem)	After EAP CGPA (VI-Sem)
CIVIL B.E III Year- VI Semester							
1	1602-20-732-	BANOTHU.	CIVIL	7000	CRT	7.59	7.58
2	1602-20-732-	BHUKYA. SARITHA	CIVIL	7000	CRT	7.06	7.16
3	1602-20-732-	G. SATHYA BHAVAN	CIVIL	7000	CRT	6.44	6.50
4	1602-20-732-	PONNALA. SWATHI	CIVIL	7000	CRT	6.54	6.73
ECE B.E III Year- VI Semester							
1	1602-20-735-	KATTA. BHAVIGNA	ECE	7000	CRT	8.80	8.92
2	1602-20-735-	VINAY. MODEM	ECE	7000	CRT	8.16	8.27
3	1602-20-735-308	BOKKA. CHANDANA	ECE	7000	CRT	8.14	8.25

4	1602-20-735-	NALLALA. GANESH	ECE	7000	CRT	7.55	7.52
5	1602-20-735-	DOMALA. NITHIN	ECE	7000	CRT	8.66	8.63
6	1602-20-735-	CHINTHAPALLI.	ECE	7000	CRT	7.63	7.78
7	1602-20-735-	CHINTHALAPUDI.	ECE	7000	CRT	9.37	9.35
8	1602-20-735-	PALA. SAI KARTHIK	ECE	7000	CRT	8.81	8.82
EEE B.E III Year - VI Semester							
1	1602-20-734-	V. ANUSHA	EEE	7000	CRT	7.85	7.76
2	1602-20-734-	DHAMMISHETTY.	EEE	7000	CRT	8.33	8.26
3	1602-20-734-	ETABOINA. GANESH	EEE	7000	CRT	8.66	8.71
4	1602-20-734-	JUNUGURI. MAHESH	EEE	7000	CRT	8.00	8.05
5	1602-20-734-	BADAVATH.	EEE	7000	CRT	6.84	6.78
6	1602-20-734-	KASARI. PAVAN	EEE	7000	CRT	9.17	9.04
7	1602-20-734-	JARAPALA. SINDHU	EEE	7000	CRT	7.50	7.52
8	1602-20-734-	GOMASA. SRIVALLI	EEE	7000	CRT	8.06	7.94
9	1602-20-734-	POLU. LAHARI	EEE	7000	CRT	8.62	8.63
10	1602-20-734-	JATOTHU. SHEKAR	EEE	7000	CRT	7.56	7.67
11	1602-20-734-	ADDU. VIJAY	EEE	7000	CRT	7.04	7.12
MECHANICAL B.E III Year - VI Semester							
1	1602-20-736-	MANUPADI. SURESH	MECH.	7000	CRT	7.94	8.03
2	1602-20-736-	PABBA. DINESH	MECH.	7000	CRT	0	0
3	1602-20-736-	JATOTH. GOPAL	MECH.	7000	CRT	8.62	8.64
4	1602-20-736-	J. PAVANI	MECH.	7000	CRT	8.15	8.17
5	1602-20-736-	ARAPLA. ASHOK	MECH.	7000	CRT	7.37	7.46
6	1602-20-736-	N. BHARATH NAYAK	MECH.	7000	CRT	8.41	8.39
IT B.E III Year-VI Semester							
1	1602-20-737-	MORE VIKAS	IT	7000	CRT	9.31	9.14

List of Student Beneficiaries: Phase –II

S.No.	Roll No.	Name of the Student	Branch	Amount Sanctioned	Purpose	Before EAP CGPA (II-Sem)	After EAP CGPA (III-Sem)
CIVIL B.E II Year- III Semester							
1	1602-21-732-	DHARMASOTH INDU	CIVIL	10,000	Hostel & Local	6.40	6.38
2	1602-21-732-	JIMUDA SHIRISHA	CIVIL	15,000	Hostel & Local	7.02	6.85
3	1602-21-732-	YERRAM SWAPNA	CIVIL	6,000	Hostel & Local	6.11	6.07

4	1602-21-732-	K. SAI LAXMI	CIVIL	10,000	Hostel & Local	-	8.18
CSE B.E II Year- III Semester							
1	1602-21-733-	KANKANALA	CSE	15,000	Hostel & Local	8.80	8.75
2	1602-21-733-	RAMAVATH	CSE	4,000	Hostel & Local	8.41	8.50
3	1602-21-733-	PALETI NAVYA SRI	CSE	6,000	Hostel & Local	9.75	9.76
4	1602-21-733-	SUGURU MOHAN	CSE	5,000	Hostel & Local	-	8.86
5	1602-21-733-	UPPARI MAHESH	CSE	5,000	Hostel & Local	-	8.65
6	1602-21-733-	BINGI SRIKANTH	CSE	15,000	Hostel & Local	-	9.08
7	1602-21-733-	KORE RAJU	CSE	5,000	Hostel & Local	-	8.21
8	1602-21-748-	TEKI VIKAS	CSE	15,000	Hostel & Local	6.36	6.06
ECE B.E II Year- III Semester							
1	1602-21-735-	ANKAM VIGNESH	ECE	5,000	Hostel & Local	7.58	7.38
2	1602-21-735-	NAMILE SRIDHAR	ECE	6,000	Hostel & Local	7.66	7.56
3	1602-21-735-	DASARI PRIYANKA	ECE	12,000	Hostel & Local	5.79	-
4	1602-21-735-	PAVUSHETTI	ECE	20,000	Hostel & Local	7.02	7.16
5	1602-21-735-	VUPPULA VENKAT	ECE	20,000	Hostel & Local	6.38	6.45
6	1602-21-735-	NENAVATH	ECE	12,000	Hostel & Local	8.17	8.37
7	1602-21-735-	M RAJA MOHAN	ECE	12,000	Hostel & Local	9.48	9.51
EEE B.E II Year- III Semester							
1	1602-21-734-	BANOTH SURYA	EEE	8,000	Hostel & Local	6.80	6.79
IT B.E II Year- III Semester							
1	1602-21-737-	ABHINANDH SUNKE	IT	20,000	Hostel & Local	8.02	8.14
2	1602-21-737-	T. DINESH	IT	5,000	Hostel & Local	7.76	7.98
3	1602-21-737-	UPPULA NIRANJAN	IT	5,000	Hostel & Local	8.12	8.21
4	1602-21-737-316	KOMMERA GOURISHANKAR	IT	5,000	Hostel & Local Transport	-	Dm, Bc-Mtvc, (2) (Backlogs)
MECHANICAL B.E II Year - III Semester							
1	1602-21-736-	G. HARINI	MECH.	5,000	Hostel & Local	7.70	7.56
2	1602-21-736-	MOTHILAL	MECH.	10,000	Hostel & Local	6.21	6.35
3	1602-21-736-045	K. SANDEEP CHARY	MECH.	5,000	Hostel & Local Transport	6.33	Ppp (OE) (1) (Backlog)
4	1602-21-736-	A. SHARANDEEP	MECH.	10,000	Hostel & Local	5.85	6.09
5	1602-21-736-	M. RAVI TEJA	MECH.	13,000	Hostel & Local	-	5.85

Problems Encountered:

Implementing an equity action plan in the areas of Academic, Employability Skills, Support Services, and Infrastructure Support can face the following:

Lack of Awareness and Understanding: Some students may not be aware of the resources and support available to them, or they may not fully understand how to access these services. This lack of awareness can hinder their ability to benefit from the equity action plan.

Resource Constraints:

Even though the institute is putting its efforts, the input from Alumni and others is appreciated

Resources Required:**Financial resources:**

- Funding for targeted programs and initiatives aimed at addressing equity gaps in academic achievement, employability skills development, support services, and infrastructure support.
- Scholarships, grants, and financial aid opportunities to ensure equitable access to education and reduce financial barriers for marginalized and underrepresented students

Human resources:

- Faculty and staff training programs on cultural competency, implicit bias awareness, inclusive teaching practices, and equitable recruitment and retention strategies
- Mentorship programs that pair students from underrepresented groups with faculty, staff, or industry professionals who can provide guidance, support, and networking opportunities

Evaluation and Assessment Tools:

- Data collection and assessment tools to monitor progress, evaluate the impact of equity initiatives, and identify areas for improvement.

- Surveys, focus groups, and feedback mechanisms to gather input from students, faculty, staff, and other stakeholders on the effectiveness of equity measures and the satisfaction of diverse needs

Title of the Practice:#2

Mentoring, Career Guidance and Counselling

Objectives of the Practice:

Mentoring and Counselling:

To support students holistically, addressing their academic, personal, and professional needs to help them thrive and succeed during their college years and beyond.

Career Guidance:

To empower students to make informed decisions about their academic and professional paths, equip them with the necessary skills and knowledge to succeed in the engineering profession, and foster a supportive community that encourages lifelong learning and growth.

The Context:

The context of student mentoring and counseling is characterized by a commitment to academic excellence, career preparation, personal development, diversity and inclusion, ethical practice, community building, and holistic support for student success.

The Practice:

Mentoring and counselling:

- The institute has established a supportive environment for Mentoring system in which around twenty students are assigned to each faculty and he/she functions as their local guardian to the students
- Mentoring and counselling programs begin with an assessment of students' needs and concerns through individual consultations and other means of gathering feedback. Understanding students' academic, personal, and professional challenges helps tailor mentoring and counselling services to meet their specific needs.
- Personal counseling is provided to students, having poor academics, with low attendance and from poor socio economic backgrounds. These counselling sessions address the unique needs and circumstances of each student. This involves

conducting individual assessments, developing tailored action plans, and providing ongoing support and guidance based on students' goals and preferences.

- Student mentoring includes assistance with study skills, time management, exam preparation, course selection, academic planning, and referrals to tutoring or academic support services

Career Guidance:

- College organizes workshops and seminars to introduce students to various career paths. These sessions may feature guest speakers from different industries, alumni panels, and discussions on emerging trends and opportunities in engineering
- Counselling sessions to students are provided to discuss their career interests, goals, and aspirations. These sessions involve career assessments, skills inventory, and personalized guidance on exploring different engineering disciplines and career options.
- Career guidance assists students in identifying and applying for internship opportunities, preparing resumes and cover letters, and leveraging these experiences to enhance their career prospects.
- Provides support for students seeking employment in the industry. This includes resume writing workshops, interview preparation sessions, job search strategies, networking events, and access to online job boards and career fairs.
- Conducts workshops and seminars focused on developing students' professional skills and competencies. Topics include communication skills, teamwork, leadership, project management.
- For students interested in pursuing advanced degrees, college offers guidance and information for higher studies by conducting various expert sessions on competitive examinations such as GATE, CAT, GRE and TOEFL etc.
- College conducts alumni career guidance programs every month to connect current students with alumni who are working in the engineering field. These mentoring relationships provide students with valuable insights, advice, and networking opportunities as they navigate their career paths.

Dates of Mentoring Schedule Conducted during the academic year 2022-23:

S.No	Mentoring Day
1	4-7-2022
2	8-8-2022
3	10-10-2022
4	7-11-2022
5	5-12-2022
6	9-1-2023
7	6-2-2023
8	3-4-2023
9	1-5-2023
10	12-6-2023
11	3-7-2023

Evidence of Success:

Mentoring & Counselling:

Number of Students improved in attendance through constant mentoring:

Branch	Odd Semester	Even Semester
Civil	14	20
CSE	22	11
AI&ML	5	1
ECE	223	17
EEE	27	34
Mech.	30	35
IT	67	10

Number of Students improved in academic performance through constant mentoring:

Branch	Odd Semester	Even Semester
Civil	17	24
CSE	29	47
AI&ML	6	6
ECE	210	41
EEE	22	75
Mech.	35	50
IT	56	31

Career Guidance:

Placements 2022-23:

Branch	CSE	ECE	EEE	IT	MECH	CIVIL	TOTAL
No. of Student Eligible	192	180	57	181	96	52	758
Gross Selections	507	372	96	410	98	40	1523
Net Selections	187	160	47	172	62	30	658
% of Selection	97.40	87.22	82.46	95.03	63.54	57.69	86.28
S.No.	Details				Total		
1	No of students with 1 Offer(s)				211		
2	No of students with 2 Offer(s)				196		
3	No of students with 3 Offer(s)				131		
4	No of students with 4 Offer(s)				82		
5	No of students with 5 Offer(s)				28		
6	No of students with 6 Offer(s)				9		
7	No of students with 7 Offer(s)				1		
Net Selections					658		

Higher Studies 2021-22:

S. No.	Registration number/Roll number for the exam	GATE	GMAT	CAT	GR E	JAM	IEL TS	TOEF L
1	9966				Udaykirareddy			
2	1627				pothuganti vijay			
3	928				Vijay dev reddy			
4	754				Valagadri			
5	463				Vishal gowlikar			
6	3345 5092							pothuganti vijay
7	6576 3122							Valagadri
8	7741							Vishal gowlikar
9	IJ6155569						HariCharan Anugu	
10	T6121099						Vijay dev reddy	
11	W3078946						Asjad zahid ansari	
12	21139295			K Ganesh				
13	ME22S7140	Venkataswamy						
14	8788				Ashish			
15	1382				Anurag Varma			
16	CS22S1140	SAI PRAKASH						
17	0227				SATHVIK			
18	1619				Nikhil Kodumuru			
19	8732				VYUHA			
20	022						VYUHA	
21	0710				Mahek Virani			
22	1564				Abhiraj Goud			
23	0171				Rishitha Reddy			
24	211N238737						NEELAPOLU	
25	012						LINGAMANENI	
26	022						VENNU HYNDAVI	

27	9824				VENNU			
28	0252				Mahendra			
29	386						AGARALA	
30	9981				Nidathavolu			
31	023						POKALA LAHARI	
32	0027						POKALA LAHARI	
33	020						VUPPALA	
34	21IN513027D						DAMERUPPALA	
35	21IN501026P						PURUMANDI A	
36	9316				KOLIKINENI			
37	1				Kartheek			
38	221A023125						GILAKAKATHUL	
39	221A000246 KETN003A						KETHIREDDY NISHITH NARAYAN REDDY	
40	EE22S2140	RACHANA						
41	EE22S2140	SAI SUDEEP						
42	1116				SREEKAR			
43	EE22S.2140	SHUSHMASRI						
44	EC22S3140	SURYA TEJA						
45	9080				Vaishnavi			
46	AR2257140115	LAKSHMI						
47	1516				GAUTAM		GAUTAM VARMA	
48	21IA021819				DEVERSETTY		DEVERSETTY	
49	22IA045910G						GANGULA VIVEK	
50	ES22S375140	MUNESHWAR						
51	CE22S514056	NETHI SAI						
52	CE22S614012	MUNAVATH						
53	CE22S614053	YELLAIAH						
54	CE22S575130	BAIRI VINAY						

55	8886404				Phani Poojitha			
56	001 8010				RACHANA			
57	0790687				SANJITH			
58	001 451 0				Soumya			
59	9587061				Thanmayee			
60	21IN335966						MUCHALA	
61	22IAOO7B36						VALLABHANENI	
62	1470052				LOHITH REDDY			
63	EC22S314016	GANGAM DINESH						
64	306052				Sai Sujith Reddy			
65	86129				Sravanthi			
66	V4066691						CHAGAM SAI	
67	W2058558						LOHITH REDDY	
68	V1788140						Sravanthi Proddatoori	
69	V698HO7						BIMANARIN	
70	Z6088560						DEVERSETTI	
71	V368285						GANGULA MMEK	
72	1516654				GAUTAM			
73	83611597						GANAPA	
74	P2115388						ADAVELL	
75	V3211773						DESHAGOUNI	

Problems Encountered:

Mismatched Expectations: Students may have unrealistic expectations about their career prospects or may lack clarity about their career goals.

Changing Job Market Trends: The engineering job market is constantly evolving due to technological advancements, economic factors, and industry trends. Career guidance professionals need to stay updated on these changes and provide relevant guidance to students to align their skills and career goals with market demands.

Diversity of Student Needs: Students in engineering colleges come from diverse backgrounds with varying interests, skills, and career aspirations. Career guidance professionals need to address the diverse needs of students effectively and provide personalized guidance to support each student's unique career journey.

Resources Required:

Qualified Personnel: VCE has dedicated student counsellor with expertise in mentoring, career counseling, & academic advising and provides necessary training to faculty to provide effective support to students.