



NEW HORIZON
COLLEGE OF ENGINEERING

2027

VISION

Institution of Eminence of Excellence





Ranking and Rating Goal Setting

	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Sl.No.	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	NIRF	121 (38.18)	105-110 (40)	100-104 (43)	90-99 (45)	80-89 (48)	70-79 (50)
2	ATAL	Band - Excellent	Band - Excellent	Band - Excellent	Band - Excellent	Band - Excellent	Band - Excellent
3	NBA	EC,ME,CS,CV(Valid Till 2024) EE,IS (Valid till June 2022)	EC,ME,CS,CV(Valid Till June 2024) EE,IS, MBA,MCA (Applying for NBA)	EC,ME,CS,CV(Valid Till June 2024) EE,IS,MBA,MCA(Valid Till June 2026)	EC,ME,CS,CV(Applying for NBA) EE,IS,MBA,MCA(Valid Till June 2026)	EC,ME,CS,CV(Valid Till June 2028) EE,IS,MBA,MCA(Valid Till June 2026) AI&ML, CE (Applying for NBA)	EC,ME,CS,CV(Valid Till June 2028) EE,IS,MBA,MCA (Applying for NBA) AI&ML, CE (Valid Till June 2029)
4	NAAC	A Grade	A Grade AQAR Submission - Dec 2022 Target for A++ in each Criteria/Metric	A Grade AQAR Submission - Dec 2023 Target for A++ in each Criteria/Metric	A Grade AQAR Submission - Dec 2024 Target for A++ in each Criteria/Metric	A Grade AQAR Submission - Dec 2025 Target for A++ in each Criteria/Metric	A Grade AQAR Submission - Dec 2026 Target for A++ in each Criteria/Metric
5	QS World University Rankings	-	-	1200-1500	1100-1200	1000-1100	800-1000
6	Indian Institutional Ranking Framework (IIRF)	-	Registering for IIRF less than 25	15-20	15-20	15-20	15-20
7	ABET Ranking	-	Applying for ABET for different program from 2023-2024 onwards				

Teaching Learning (Curriculum)

	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Sl.No.	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	Skill based Curriculum (National Standard)	100% courses	100% courses	100% courses	100% courses	100% courses	100% courses
2	Innovative Teaching and Learning pedagogy – Usage of ICT Tools	20%	100%	100%	100%	100%	100%
3	Industrial collaborated courses	30%	34%	40%	40%	40%	50%
4	Ability Enhancement Courses	35%	39%	45%	45%	45%	45%
5	Professional Electives	40%	40%	40%	40%	40%	40%
6	Leadership courses in curriculum	10%	15%	20%	25%	30%	35%
7	Outcome based education (OBE Implementation)	100%	100%	100%	100%	100%	100%
8	Internship	25%	50%	100%	100%	100%	100%
9	Learning Management System	Google Class room Office - Sharepoint LMS HRD portal for placement training and assessment					
10	Value Added Program (GP)	60	60	60	60	60	60
11	Minor Degree	NA	8	12	15	18	20
12	BE(Hons) degree Graduates	NA	50	75	100	125	150
13	Student / faculty Exchange Program	6	7	8	9	10	11

Faculty Centric

	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Sl.No.	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	Pass % (UG)		100%	100%	100%	100%	100%
2	Pass % (PG)		100%	100%	100%	100%	100%
3	Faculty Average Experience		10	11	12	13	14
4	Publications per faculty (Journals – SCI & Scopus)		2	2	2	3	3
5	Ph.D per Department Percentage wise		30%	40%	50%	60%	75%
6	Faculty Training by the industry		50%	60%	70%	80%	90%
7	Faculty from Industry		30%	30%	30%	30%	30%
8	Textbooks / Book Chapter Publication	68	75	85	95	105	115
9	Conference Publication (Scopus Indexed)	122	300	400	500	600	700
10	MooC Courses		All faculty - one per faculty	All faculty - one per faculty	All faculty - one per faculty	All faculty - one per faculty	All faculty - one per faculty
11	FDP / STTP Attended		All faculty- 2 per faculty	All faculty- 2 per faculty	All faculty- 3 per faculty	All faculty- 3 per faculty	All faculty- 3 per faculty

Sl.No.	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Sl.No.	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	Research FDP / Workshop		30	32	34	36	38
2	Ph.D registration in percentage	65%	70%	75%	80%	80%	80%
3	Ph.D completion in percentage		40%	50%	60%	70%	80%
4	Ph.D guidance in percentage	18%	30%	50%	75%	75%	75%
5	Funded Project applied per Department	15	15	15	15	15	15
6	Funded Seminar/Workshop conducted	2	2	2	3	3	3
7	International Conference	1	1	1	1	1	1
8	Sponsored Project	8	10	15	20	25	30
9	Consultancy	10 lakhs	10 lakhs	25 lakhs	50 lakhs	75 lakhs	75 lakhs
10	MoU with Industry (CoE)	14	15	16	17	18	20
11	MoU with Industry LSI &MSI	70	75	80	85	90	95
12	MoU with IISc, IIT, NIT and premier institutions	1	2	4	6	8	10
13	Patents provisionally filed & Published	88	100	125	150	175	200
14	Patents Granted & Commercialized	-	1	2	3	4	5
15	Research Centre	13	15	16	16	16	16
16	Technology incubator	1	1	1	1	1	1

Co-Curricular Activities (Students)

Sl.No.	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	Industrial visit		75 industries	80	90	100	120
2	Exchange programme		Japan France	Japan France Germany	Japan France Germany	Japan France Germany Russian	Japan France Germany Russian spanish
3	Value added courses		30%	30%	40%	50%	50%
4	Training Programmes		24	30	35	40	45
5	Student Club Activities		128	142	154	166	178
6	Events Organized (Conference, Workshop, Seminar)		90	105	120	135	150
7	Events Attended (Conference, Workshop, Seminar)		100%	100%	100%	100%	100%
8	Participation in Competition		50%	50%	50%	50%	50%
9	No. of Awards		60	72	84	96	108
10	No. of Research Outcomes (Papers, Patents, Funding)		350 papers , 70 patents, 100 kscst/vtu projects	700 papers, 100 patent 110 kscst/vtu projects	700 papers, 110 patent 120 kscst/vtu project	700 papers., 120 patent 130 kscst/vtu project	700 papers., 130 patent 140 kscst/vtu project
11	No. of Start-Ups		10	15	20	25	30
12	No of Professional bodies/chapters		20	20	20	20	20
13	Activities Conducted from Professional Student Chapters		90	105	120	135	150

Extra-Curricular Activities (Students)

Sl.No.	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	Student Club Activities		60	70	80	90	100
2	No. of Events Conducted (Sports / Cultural)		10	12	14	16	18
3	No. of Events Attended (Sports / Cultural)		10	12	14	16	18
4	Participation in Competition		30% of student strength	30% of student strength	30% of student strength	30% of student strength	30% of student strength
5	No. of Awards through Competition		20	24	28	32	36
6	NSS / NCC Activities		10	12	14	16	18
7	Social Activities		30	30	30	30	30
8	Fund Generated						

Sl.No.	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	No. of Industry Sponsored Labs	14	15	20	25	30	40
2	Industry Certifications / Trainings offered to the Students		All final year students	All final year students	All final year students	All final year students	All final year students
3	Foreign Language Centres		Japan France Germany	Japan France Germany	Japan France Germany Russian	Japan France Germany Russian spanish	Japan France Germany Russian spanish
4	Trainings Conducted through Foreign Language Centres		3	3	4	5	5
5	No. of Students benefitted through Study Abroad Program		9	25	35	45	60
6	Programmes Organised by Industry Experts (Workshop / Training / Seminar)		10	12	14	16	18
7	Outcome of Study Abroad Program		Placement Internship Research project Collabartion Phd Registration	Placement Internship Research project Collabartion Phd Registration	Placement Internship Research project Collabartion Phd Registration	Placement Internship Research project Collabartion Phd Registration	Placement Internship Research project Collabartion Phd Registration
8	No. of Foreign universities Collaborated	6	7	8	9	10	11
9	No. of Students Benefited through Industry Certifications		All final year students	All final year students	All final year students	All final year students	All final year students
10	Placements through Study Abroad Program		100%	100%	100%	100%	100%
11	Internship by Study Abroad Program		9	25	35	45	60
12	Higher Studies						10

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	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	No of students admitted						
2	No of eligible students		All final year students	All final year students	All final year students	All final year students	All final year students
3	No. of Companies Visited	160	165	170	175	180	200
4	No. of Companies Recruited	126	155	160	165	170	175
5	No of students placed (National)		99%	98%	97%	96%	95%
6	No of students placed (International)		1%	2%	3%	4%	5%
7	Average Salary package	6 lakhs	7 lakhs	8 lakhs	9 lakhs	10 lakhs	12 lakhs
8	Top Salary Package per students		33 LPA - Int 20 LPA- Domestic	35 LPA - Int 22 LPA- Domestic	40 LPA - Int 25 LPA- Domestic	45 LPA - Int 28 LPA- Domestic	50 LPA - Int 30 LPA- Domestic
9	No of Core Companies offers		10%	15%	20%	25%	30%
10	No. of Product Based companies offers		20%	30%	40%	50%	60%
11	No of International Internship		11	25	50	100	200
12	No of National Internship		college strength	college strength	college strength	college strength	college strength

Alumni

	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
Sl.No.	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	Alumni chapters	1	1	1	1	1	1
2	Expert talks		15	15	15	15	15
3	Collaborative activities		12	12	12	12	12
4	Job fairs in association with alumni	1	1	1	1	1	1
5	Alumni Entrepreneurship			1	2	2	2
6	Alumni Financial Contribution In lakhs			20	25	30	35

Entrepreneurship and Start-Ups

Sl.No.	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	Entrepreneurship Cell Activities		12	12	24	24	36
2	No. of Mentors – Incubation Initiative		10	15	20	25	30
3	No. of Successful Ideas		10	15	20	25	30
4	No. of Start-Ups		10	15	20	25	30
5	Incubation Cell		1	1	1	1	1
6	Seed Money		10 lakhs	15 lakhs	20 lakhs	25 lakhs	30 lakhs
7	No of MoUs related to Start-Up and Entrepreneurship		10	15	20	25	30
8	Revenue generated through Start-Up		10 lakhs	25 lakhs	50 lakhs	75 lakhs	75 lakhs
9	No. of Student Entrepreneurship		20	30	40	50	60

Sl.No.	Academic Year	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027
	Key progress Area(KPA)	Progressive Enhancement Targets (PET)-Year wise					
1	Classrooms with Smart Boards	106	110	110	110	110	110
2	Modernisation of Lab	NA	5	10	10	10	10
3	Industry Institute Interaction Cell & ED Cell	2	2	2	2	2	2
4	Centres of Excellence (CoE)	14	15	16	16	16	16
5	CMS & LMS	NA	LCMS in one sharepoint tool in office 365 contineo	LCMS in one sharepoint tool in office 365 contineo	LCMS in one sharepoint tool in office 365 contineo	LCMS in one sharepoint tool in office 365 contineo	LCMS in one sharepoint tool in office 365 contineo
6	Library resources						
7	Seminar Hall		10 (for each dept in respective blocks) 120 seating capacity in gallery form	10 (for each dept in respective blocks) 120 seating capacity in gallery form	10 (for each dept in respective blocks) 120 seating capacity in gallery form	10 (for each dept in respective blocks) 120 seating capacity in gallery form	10 (for each dept in respective blocks) 120 seating capacity in gallery form
8	Introduction of UG and PG courses						
9	e-Governance	Administration Finance and Accounts Student Admission and Support Examination	Administration Finance and Accounts Student Admission and Support Examination LMS rough sharepoint All dept/Institute Documentation through share point in SPC	Administration Finance and Accounts Student Admission and Support Examination LMS rough sharepoint All dept/Institute Documentation through share point in SPC	Administration Finance and Accounts Student Admission and Support Examination LMS rough sharepoint All dept/Institute Documentation through share point in SPC	Administration Finance and Accounts Student Admission and Support Examination LMS rough sharepoint All dept/Institute Documentation through share point in SPC	Administration Finance and Accounts Student Admission and Support Examination LMS rough sharepoint All dept/Institute Documentation through share point in SPC 14