

**NATIONAL ENGINEERING COLLEGE**  
(An Autonomous Institution - Affiliated to Anna University Chennai)  
K.R. Nagar, Kovilpatti - 628 503  
**ISO/QMS**

**Timed Vision: (To be achieved in the academic year 2022-23)**

To become a most preferred academic institution in Tamil Nadu for high quality technical education, research and innovation

**OBJECTIVES for NEC - 2021-22:**

**STUDENTS:**

Sl. No.	Objective parameter	NEC 2021-22	MECH	CSE	ECE	EEE	EIE	Civil	IT	S&H	UOM	Responsibility
<b>ADMISSION</b>												
1.	<b>Strength</b>	100	100	100	100	100	--	100	100	--	%	Principal & HODs
	a) <b>UG Admission</b>											
	Round 1	20	15	30	30	15	--	10	20	--	%	Principal & HODs
	Round 2	60	50	70	70	50	--	50	70	--	%	Principal & HODs
	Round 3	20	35	-	-	35	--	40	10	--	%	Principal & HODs
	b) <b>Cut off details</b>											
	Minimum	135	135	135	135	135	--	135	135	--	Cut off Marks	Principal & HODs
2.	<b>PG Admission</b>	40	40	40	40	40	--	--	40	--	%	Principal & HODs
3.												
	Southern Tamilnadu	80	80	80	80	80	--	80	80	--	%	Principal & HODs
	Northern Tamilnadu	16	16	16	16	16	--	16	16	--	%	Principal & HODs
	Other states	3	3	3	3	3	--	3	3	--	%	Principal & HODs
	NRIs	1	1	1	1	1	--	1	1	--	%	Principal & HODs

	Foreign Countries (Additional)	3	3	3	3	3	--	3	3	--	%	Principal & HODs	
<b>ACADEMIC ACHIEVEMENTS</b>													
1.	<b>Pass percentage</b>												
	Without backlog	75	75	75	75	75	75	75	75	75	75	%	HODs, Tutors & Course instructors
	With backlog	95	95	95	95	95	95	95	95	95	95	%	HODs, Tutors & Course instructors
2.	<b>Grades</b>												
	CGPA - above 9	12	12	12	12	12	12	12	12	12	12	%	HODs, Tutors & Course instructors
	CGPA 8-9	40	40	40	40	40	40	40	40	40	40	%	HODs, Tutors & Course instructors
	CGPA 7-8	43	43	43	43	43	43	43	43	43	43	%	HODs, Tutors & Course instructors
<b>STUDENTS POTENTIAL TRANSFORMATION</b>													
1.	<b>Achievements and participation in National/International events</b>												
	Students participation	100	100	100	100	100	100	100	100	100	100	%	HODs & Tutors
	Students achievements	20	20	20	20	20	20	20	20	20	20	%	HODs & Tutors
	Participation in other states	15	15	15	15	15	15	15	15	15	15	%	HODs & Tutors
	Participation in other countries	1	1	1	1	1	1	1	1	1	1	%	HODs & Tutors
	Technical contests like Hackathons	60	25	80	80	70	60	25	80	--	--	%	HODs & Tutors
2.	<b>Students' publications</b>												
	SCI indexed journal	20	2	6	4	6	--	--	2	--	No./year	HODs, Project Guide & Tutors	

	Scopus indexed journal	100	20	20	20	20	5	5	10	--	No./year	HODs, Project Guide & Tutors
	IEEE International conferences	50	5	10	10	10	5	5	5	--	No./year	HODs, Project Guide & Tutors
3.	<b>Funded projects</b>											
	No. of projects	28	5	5	5	5	3	2	3	--	No./year	HODs, Project Guide & Tutors
	Worth of project	60 Lakhs	10	10	10	10	5	5	10	--	Rupees/year	HODs, Project Guide & Tutors
4.	<b>Quality of internships</b>											
	Public sector undertakings	8	8	8	8	8	8	8	8	-	%	HODs & Tutors
	MNCs	55	40	70	70	55	40	40	70	-	%	HODs & Tutors
	Other private industries	37	52	22	22	37	52	52	22	-	%	HODs & Tutors
	Internships leading to placement	15	15	15	15	15	15	15	15	-	%	HODs, DPC & Tutors
<b>100% CAREER SETTLEMENT</b>												
1.	<b>Placement</b>											
	Strength	80	80	80	80	80	80	80	80	-	%	HODs, DPC, Tutors & TPC
	<b>Salary Level</b>											
	Median Salary	4	2.5	5.5	5.5	4	2.5	2.5	5.5	-	Rupees	HODs, DPC, Tutors & TPC
	Above 10 lakhs	15	10	20	20	15	5	15	20	-	%	HODs, DPC, Tutors & TPC
	5 - 10 lakhs	40	30	50	50	40	30	30	50	-	%	HODs, DPC, Tutors & TPC
	2 - 5 lakhs	30	30	30	30	30	30	30	30		%	HODs, DPC, Tutors & TPC
	Less than 2 lakhs	15	30	--	--	15	35	25	--	-	%	HODs, DPC, Tutors & TPC
	<b>Industry Nature</b>											
	Core companies	50	75	-	75	65	60	75	-	-	%	HODs, DPC, Tutors & TPC
	Software	50	25	100	25	35	40	25	100	-	%	HODs, DPC, Tutors & TPC

	companies											
	<b>Level of Industries</b>											
	Public sector undertakings	1	1	1	1	1	1	1	1	-	%	HODs, DPC, Tutors & TPC
	MNCs	60	40	80	80	50	50	40	80	-	%	HODs, DPC, Tutors & TPC
	Other private industries	39	59	19	19	49	49	59	19		%	HODs, DPC, Tutors & TPC
2.	<b>Higher Education</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	-	%	HODs & Tutors
	CAT, MAT, GATE etc.	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	-	%	HODs & Tutors
	TANCET	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	-	%	HODs & Tutors
	<b>Level of Institutions</b>											
	Foreign Universities	1	1	1	1	1	1	1	1	-	%	HODs & Tutors
	IITs, NITs & IIMs	5	5	5	5	5	5	5	5	-	%	HODs & Tutors
	Govt./Govt. aided institutions	2	2	2	2	2	2	2	2	-	%	HODs & Tutors
	Reputed institutions	2	2	2	2	2	2	2	2	-	%	HODs & Tutors
3.	<b>Entrepreneurship (only Techno commercial)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	-	%	HODs & Tutors, ED cell

**Faculty Members:**

Sl. No.	Objective parameter	NEC	MECH	CSE	ECE	EEE	EIE	Civil	IT	S&H	UOM	Responsibility
<b>Strengthening Knowledge</b>												
1.	Online Courses (like NPTEL and other MOOC offered by premier institutions)	65	65	65	65	65	65	65	65	65	%	All faculty members
2.	Attending FDP programs	100	100	100	100	100	100	100	100	100	%	All faculty members
3.	Industry Know how programs	100	100	100	100	100	100	100	100	-	%	All faculty members
4.	<b>Training programs organized</b>											
	With funding	8	1	2	2	1	1	1	1	1	No./year	Principal & HODs
	Self supporting	15	2	2	2	2	1	1	1	2	No./year	Principal & HODs
	Intra college Programmes	10	1	2	2	1	1	1	1	1	No./year	Principal & HODs
	Intra dept programmes	15	2	2	2	2	1	2	2	2	No./year	Principal & HODs
<b>Research &amp; Development activities</b>												
1.	PhD holders (At the end of 3 <sup>rd</sup> year)	60	70	70	70	70	50	25	65	60	%	Dean/RD, HODs, All faculty members
2.	Supervisorship (At the end of 3 <sup>rd</sup> year)	60	70	70	70	70	50	25	65	60	%	Dean/RD, HODs, All faculty members
3.	Publications in SCI journals (At the end of 3 <sup>rd</sup> year)	125	20	25	25	20	10	5	10	10	No./year	Dean/RD, HODs, All faculty members
4.	Full time scholars	15	2	3	2	2	1	1	2	2	No./year	Dean/RD, HODs, All Supervisors
5.	Product	25	4	5	5	4	2	2	2	1	No./year	HODs, All faculty

	development activities											members, ED cell
6.	No. of patents filed	25	4	5	5	4	2	2	2	1	Number s	HODs, All faculty members, ED cell, IPR
7.	Consultancy	15	2	3	2	2	1	1	2	2	No./year	HODs, All faculty members
8.	Worth of consultancy	10	1.5	1.5	1.5	1	1	1.5	1	1	Rupees/ year	HODs, All faculty members
9.	No. of project proposals	125	20	25	25	20	10	5	10	10	No./year	Dean/RD, HODs, All faculty members
10.	Worth of on-going projects (At the end of 3 <sup>rd</sup> year)	75 Lakhs	10	10	10	10	10	5	10	10	Rupees/ year	Dean/RD, HODs, All faculty members
11.	No. of Special Lab/ Centre of Excellence/research facility as individual or as member of team. (At the end of 3 <sup>rd</sup> year)	5	1	1	1	1	-	-	1	-	No./year	HODs, All faculty members
12.	No. of MoUs signed	15	2	3	2	2	1	1	2	2	No./year	HODs, All faculty members
13.	No. of Multi disciplinary activities	30	4	6	4	4	2	2	4	4	No./year	HODs, All faculty members
<b>OUTREACH PROGRAMMES</b>												
1.	<b>Delivering expert lecture and acting as session chair/judges in reputed organizations</b>											
	International Events	8	1	1	1	1	1	1	1	1	No./year	HODs, & Senior faculty members
	National Events	35	5	6	6	5	2	3	4	4	No./year	HODs, & Senior faculty members

	International collaboration (Publication, book, Project submission, setting up of labs, technobation, etc.)	8	1	1	1	1	1	1	1	1	No./year	HODs, & Senior faculty members
	Inter-institutional collaboration (Publication, book, Project submission, setting up of labs, technobation, etc.)	8	1	1	1	1	1	1	1	1	No./year	HODs, & Senior faculty members
	Awards/ Recognitions received from Government/Recognized body	6	1	1	1	1	1	1	1	1	No./year	HODs, & Senior faculty members
	Books/ Book chapter authored	6	1	1	1	1	1	1	1	1	No./year	HODs, & Senior faculty members
	Foreign country visited for collaborative work	6	1	1	1	1	1	1	1	1	No./year	HODs, & Senior faculty members
	Social Related activities	15	2	3	2	3	1	1	1	2	No./year	Principal, HODs, All faculty members
<b>Alumni Chamber</b>												
1.	Alumni meets	2	--	--	--	--	--	--	--	-	No./year	Alumni Association
2.	Fund raising	7.5 lakhs	1.5	1.5	1.5	1	0.5	0.5	1	-	Rupees/year	Alumni Association

### III) Institutional Recognition:

Sl.No.	Recognition parameter	Target 2021-2022	UOM	Responsibility
1.	<b>NIRF</b>	Within 125	Rank	Principal & HODs
2.	<b>NBA</b>	Full	Years	Principal & HODs
3.	<b>NAAC</b>	A++	Grade	Principal & HODs
4.	<b>ARIIA</b>	Within 50	Grade	Principal & HODs
5.	<b>AICTE-CII Survey</b>	Platinum	Category	Principal & HODs
6.	<b>India Today</b>	Within 50	Rank	Principal & HODs
7.	<b>Times</b>	Within 50	Rank	Principal & HODs
8.	<b>The Week</b>	Within 50	Rank	Principal & HODs
9.	<b>Outlook</b>	Within 50	Rank	Principal & HODs

\* UOM: Unit of Measure



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