

NANDHA ENGINEERING COLLEGE



STRATEGIC PLAN FOR THE YEARS 2021 TO 2026

- To reach the University status by next 15 years.
- To attain NAAC A++ grade during 3rd Cycle Accreditation.
- To be ranked among the TOP 100 in the NIRF Ranking under Engineering Category.
- To secure one among the TOP 150 position in NIRF-Innovation Ranking 2025.
- To promote Industry-Institution Collaboration with top MNCs.
- To launch Centers of Excellence in upcoming emerging fields.
- To nurture successful start-ups creating innovative products and business models using the engineering knowledge developed by the Institution.
- To provide healthy and energetic working environment for faculty and staff.
- To expand the active participation of alumni in all aspects of Institution development by collaborating with them in placements, guest lecture, mentoring students in various projects, consultancy, research and development through alumni chapter.
- To join hands with various industries in the field of Research & Development and Consultancy.
- To collaborate with Institutions around the world to promote quality higher education and for supporting students/faculty exchange programmes.
- To create infrastructure for effective Teaching-Learning Processes and Extracurricular activities.



NANDHA ENGINEERING COLLEGE

(Autonomous)

Affiliated to Anna University Chennai ★ Approved by AICTE ★ Accredited by NBA-New Delhi

Pitchandampalayam (P.O), Vaikkalmedu , Erode-Perundurai Road, ERODE –638 052.

Phone: 04294-225585, 223711, 223722, 226393, Fax: 04294-224787

Website : www.nandhaengg.org

E.Mail: info@nandhaengg.org

Dr. U. S. Ragupathy, M. E., Ph. D.
PRINCIPAL

NEC/Cir/2023-2024/SP

Date: 05.02.2024

Time : 12.00 PM

CIRCULAR

Classification	ROUTINE	√ IMMEDIATE
Academic	Originator: PRINCIPAL	Circulated to : Deans/HoDs /Members

Sub: Strategic Plan (2016-2021) Review Committee meeting – Reg.

A meeting is scheduled on 07.02.2024 at 10:30 am in the Board Room to review the progress of the Strategic Plan 2021-2026. The agenda for the meeting and list of members are enclosed herewith as annexure. Hence all members are requested to attend the meeting.


PRINCIPAL

Enclosure: (i) Agenda

(ii) List of Committee members



NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE- 638 052

STRATEGIC PLAN REVIEW COMMITTEE

Meeting: 04

Date: 07.02.2024

Venue: Board Room, NEC

AGENDA

ITEM 4.01	Welcome note
ITEM 4.02	Introduction of reconstituted strategic plan review committee members and their roles and responsibilities.
ITEM 4.03	Review of strategic plan-2021-26 and its progress during the academic years 2021-22, 2022-23, 2023-24 and revision of targets for 2024-25 and 2025-26
ITEM 4.04	Discussion on roadmap to achieve the revised targets.
ITEM 4.05	Any other matter
ITEM 4.06	Vote of Thanks

K. S. S. S.
7/2/24
Principal



NANDHA ENGINEERING COLLEGE
(Autonomous)
Pitchandampalayam, Erode To Perundurai Road, Erode-638 052

STRATEGIC PLAN (2021-2026)

STRATEGIC PLAN REVIEW COMMITTEE

Sl.No.	Members	Representation
1	Dr. U. S. Ragupathy, Principal, Nandha Engineering College.	Chairperson
2	Dr. M. Easwaramoorthi, Professor & Head, Department of Mechanical Engineering, Nandha Engineering College.	Member & Coordinator
3	Dr. S. Kavitha, Professor & Head, Department of Electronics & Communication Engineering, Nandha Engineering College.	Member
4	Dr. E.K. Mohanraj, Professor & Head, Department of Civil Engineering, Nandha Engineering College.	Member
5	Dr. C.N. Marimuthu, Professor & Dean, Research & Development, Nandha Engineering College.	Member
6	Dr. G. Ramani, Professor & Head, Department of Electrical & Electronics Engineering, Nandha Engineering College	Member
7	Dr. S. Sivarama Krishnan, Professor & Head, Placement & Higher Studies, Nandha Engineering College.	Member
8	Mr. R. Thiruneelakandan, Head of the Department, Department of Science & Humanity, Nandha Engineering College.	Member
9	Mrs. V. Logeswari, IQAC Department of Electronics & Communication Engineering, Nandha Engineering College.	Member
10	Mrs. S. Maheswari, Head of the Department, Department of CSE (Cyber Security) Nandha Engineering College.	Member

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
(An Autonomous Institution, Affiliated to Anna University Chennai and
Approved by AICTE New Delhi)

Minutes of the 4th Strategic Plan Review Committee meeting
held on 07.02.2024

Name of the Body	STRATEGIC PLAN REVIEW COMMITTEE (2021-2026)
Meeting No.	4
Date & Time	07.02.2024, 10.30 AM
Venue	Board Room, NEC

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
 (An Autonomous Institution, Affiliated to Anna University Chennai and
 approved by AICTE, New Delhi)

Minutes of the Meeting (MoM)

The Fourth meeting of the Strategic Plan Review Committee was held on 07.02.2024 at 10.30 AM in the Board room. The list of members attended the meeting is enclosed in **Annexure - I**

The meeting began with welcome note, followed by an introduction to the Strategic Plan 2021-26, highlighting its key objectives and summarizing the initiatives undertaken up to January 2024. The proceedings of the meeting are recorded as follows.

ITEM 4.01	<p>Welcome note: The Principal warmly welcomed the members of the Strategic Plan (2021-2026) review committee to the first meeting since he assumed the role of Principal.</p>
ITEM 4.02	<p>Introduction of reconstituted strategic plan review committee members and their roles and responsibilities.</p>
Discussion	<ul style="list-style-type: none"> ▪ After introducing the reconstituted members of the Strategic Plan Review Committee, the Principal explained the necessity of revising the Strategic Plan 2021-26 to align our institution's strategic objectives with the standards set forth by NIRF, NBA, and NAAC. ▪ The Principal emphasized the significant role of the Strategic Plan Review Committee members and directed them to collaborate with colleagues to uphold our institution's commitment to educational excellence. ▪ He further expressed his confidence that the members' expertise, dedication, and insights in accreditation and quality assurance would play a valuable role in guiding our strategic planning efforts.
ITEM 4.03	<p>Review of strategic plan-2021-26 and its progress during the academic years 2021-22, 2022-23, 2023-24 and revision of targets for 2024-25 and 2025-26</p>
Discussion	<p>The members deliberated the progress achieved year on year since 2021-22, 2022-23 and 2023-24 aligning with the strategic plan targets versus achievements and areas requiring improvements. The details of achievements are enclosed as annexure-II.</p> <p>The Principal suggested following guidelines to address areas that require further improvement.</p> <ul style="list-style-type: none"> ▪ Evaluate the current Strategic Plan (2021-2026) in light of the requirements and benchmarks established by NIRF, NBA, and NAAC. ▪ Identify areas where our strategic objectives may need to be revised or augmented to better align with the criteria outlined by these accrediting bodies. ▪ Propose strategic initiatives and action plans aimed at enhancing our institutional performance and meeting the prescribed standards for excellence in education.

- Ensure that the revised Strategic Plan reflects a comprehensive and cohesive approach to achieving our academic and institutional goals while also addressing the specific requirements of
 - ✓ NIRF, NBA, NAAC
 - ✓ Student diversity,
 - ✓ Internationalization,
 - ✓ Implementation of NEP, etc.

Dr. M. Easwaramoorthi, coordinator of the strategic plan review committee, outlined the key features of the 2021-26 Strategic Plan. He also put forth the deliberations had with the reconstituted strategic planning committee members and different stakeholders to identify potential key areas and parameters to be included for formulating the revised strategic plan. The summary of the key points considered for formulating the strategic plan 2021-26 is provided below.

▪ **Implementation of New Education Policy 2020**

- a) Multi-disciplinary, holistic Under Graduate education with flexible curricula, creative combinations of subjects, integration of vocational education.
- b) Various Entry/ Exit to be allowed with relevant certification. This will permit students to take a sabbatical and then join back their studies after a period of time, without losing any credits.
- c) Students are free to choose major and minor subjects for their degree.
- d) Provide importance to students' practical knowledge
- e) Curriculum content will be reduced in each subject to its core essentials
- f) Experiential learning and story-telling-based pedagogy and others
- g) Creating digital content for online courses in cutting-edge domains, with the mode of delivery being in both English and regional language.
- h) The power of online pedagogy shall be utilized for effective learning.

▪ **Research & Development**

Improve journal publication per Faculty.

Improve research funding proposal submission & success rate

▪ **Consultancy services**

▪ **Faculty Development**

Enhance Faculty with PhD qualification

▪ **Students Development**

▪ **Students Career Development**

Enhance Placement in Core & IT Sector Companies

▪ **Awards and Ranking**

NIRF rank, NIRF- Innovation rank, SDG rank, QS rank, AICTE-CII survey, etc.

▪ **Infrastructure Development**

▪ **Intellectual Property Right (IPR)**

▪ **Technology and Innovation centre**











	<ul style="list-style-type: none"> ▪ New UG and PG Programmes ▪ Diversity: Students & Faculty Other state, other country Women diversity (Students & faculty) ▪ Accreditation NAAC and NBA
ITEM 4.04	Discussion on roadmap to achieve the revised targets.
Discussion	<p>The list of members involved in preparing the draft strategic plan is enclosed in Annexure-II. The responsibility of each member is to monitor and communicating progress of the plan as given below.</p> <ul style="list-style-type: none"> ▪ To place responsibility, timelines, and specific work with an aim to ensure that the plans are implemented ▪ To maintain documents related to the strategic plan, goals, initiatives, and accomplishments. • To review the progress and challenges in implementing the strategic plan ▪ To prepare the compliance report on the extent of compliance for the strategic plan once in a year. <p>The revised targets and road map for the years 2024-25 and 2025-26 are enclosed in Annexure-III.</p> <p>After due deliberations, it was decided to circulate the draft plan among faculty all members for their suggestions and feedback, inputs and ideas on the draft plan. The new ideas (if any) may be submitted with action plan, targets and probable outcomes. The final draft plan will be presented for approval of the Academic Council and Governing Body.</p>
ITEM 4.05	Any other matter - Nil
ITEM 4.06	Vote of Thanks
	The meeting concluded with vote of thanks by Dr. M. Easwaramoorthi, Coordinator, Strategic plan review committee.

Date: 07.02.2024


 Dr. U. S. Ragupathy
 Principal

ANNEXURE - I
STRATEGIC PLAN REVIEW COMMITTEE (2021-2026)

Meeting No.	Venue	Date & Time
4	Board Room, NEC	07.02.2024, 10.30 AM

S. No.	Members	Representation	Signature
1	Dr. U. S. Ragupathy, Principal, Nandha Engineering College.	Chairperson	
2	Dr. M. Easwaramoorthi, Professor & Head of the Department, Department of Mechanical Engineering, Nandha Engineering College.	Member & Coordinator	
3	Dr.S.Kavitha, Professor & Head, Department of Electronics & Communication Engineering, Nandha Engineering College.	Member	
4	Dr. E.K. Mohanraj, Professor & Head, Department of Civil Engineering, Nandha Engineering College.	Member	
5	Dr. C.N. Marimuthu, Professor, Research & Development, Nandha Engineering College.	Member	
6	Dr. G. Ramani, Professor & Head, Department of Electrical & Electronics Engineering, Nandha Engineering College	Member	
7	Dr. S. Sivarama Krishnan, Professor & Head, Placement & Higher Studies, Nandha Engineering College.	Member	
8	Mr. R. Thiruneelakandan, Head of the Department, Department of Science & Humanity, Nandha Engineering College.	Member	
9	Mrs. V. Logeswari, IQAC Department of Electronics & Communication Engineering, Nandha Engineering College.	Member	
10	Mrs. Maheswari, Head of the Department, Department of CSE (Cyber Security) Nandha Engineering College.	Member	

ANNEXTURE II

STRATEGIC PLAN (2021-2026)

I. DEPARTMENT DEVELOPMENT

S. No	Parameter		Target ACY 24-25	Target ACY 25-26	
1.1	UG Program	Start of New Program	Additional intake	2 New Program in the emerging area / Additional intake in the existing program	
		Accreditation (of Existing Program)	6 (MECH, EEE, CHEM, CIVIL, BME & AGRI)		
1.2	PG Program	Start of New Program	Additional intake MCA -30, ME-CSE-6		
		Accreditation (of Existing Program)	1 (MBA)	1 (MCA)	
1.3	Faculty-Students Ratio (FSR)	FSR	01:15	01:15	
		Women Faculty (Nwf)	50%	50%	
1.4	Students Strength	Students entrolled (NE) - UG + PG	95%	95%	
		Entrollment (UG & PG)	Other state	10%	20%
			Other country	1%	1%
		Women students (Nws): 50%	40%	50%	
1.5	No. of Conferences organized	National	3/year	3/year	
		International	1/year	1/year	
1.6	No. of FDP/ STTP/ Industry guest lectures etc., planned (organizing)	FDP/ STTP	2/Dept	2/Dept	
		FDP (30 hrs) on IPR/Innovation/entrepreneur	4	4	
		Guest Lecture	152	160	
1.7	New Infrastructure Facilities to be planned (Laboratories, Halls, Centres of Excellence)	Research Lab/ Special lab / CoE	2	2	
		Project Lab	1	1	

1.8	No. of Active MoU	Industry/ Institutions/ Incubation units/ Research Parks		3 live MOU & 1 new MOU/department	3 live MOU & 1 new MOU/department
		Foreign Universities		4	4
1.9	No. of Value-added courses (VAC) / Industry one credit courses organized	VAC	Skill	20	20
			Innovation	2	2
			IPR	2	2
			Entrepreneur	2	2
		One - Credit Courses		36	36
1.10	Professional Society (PS)	No. of Professional Society		40	40
		Active Membership		150/dept	150/dept
		Activity		72	72
1.11	Visiting Faculty / Professor of Practice (PoP) (min.50 hours/year)	No. of faculty		24	24
		No. of courses to be taught by Industry		24	24
1.12	Awards & Ranking	Faculty		16	16
		Department		12	12
	Awards won for innovations @ State, national & International levels	Students		162	162
		Faculty		14	14
		Department		12	12
1.13	Faculty Experience (1/3, 1/3, 1/4)	Average experience		11.75	11.75
		>8		57	57
		8 to 15		97	97
		> 15		55	55
1.14	News letter/ magazine	Newsletter-1/ yr magazine-2/yr(1-batch, 1-dept)/year		News letter- 1 / yr magazine - 2 / yr	News letter- 1 / yr magazine - 2 / yr
1.15	Alumni	Interaction		140	140
		Chapters		1	1

		Contributions	2L	3L
1.16	Dept. Association	Symposium	1	1
		Workshops	II year - 1/dept III year - 1/dept	II year - 1/dept III year - 1/dept
1.17	News publication in news paper /Professional chapter news letter		5 / dept/year	5 / dept/year
2. FACULTY QUALIFICATION AND RETENTION				
2.1	Percentage of Faculty with Ph.D.		40%	60%
2.2	Faculty Retention Percentage		80%	80%
2.3	No. of faculty to become certified Innovation Ambassador (IA)	Basic level	10	10
		Advanced level	10	10
		Activeness of IA to promote innovation (guide and mentor students/Innovators to shape their innovative ideas)	72	102
2.4	Innovation in Teaching	Videos/models/ hands-on/field visits/etc.	10% of the courses	10% of the courses
2.5	Percentage of faculty to enrich knowledge in Emerging technologies (participant)	Paper presentaion in IITs/NITs/NIRF ranked colleges	215	233
		FDP/STTP (preferably in ATAL, NITTT, etc.)	215	233
		Internship at Industry/ R&D organization (Minimum 2 weeks)	108	116
		Atending Online course: NPTEL	430	466
2.6	Faculty as a founder/co-founder in any startups (with DIN)/ Enterprenuerial venture (with GST)		2	2
3. RESEARCH AND DEVELOPMENT				
3.1	Research Projects		10 L	12 L
3.2	Sponsored Seminars with grants		14 L	14 L
3.3	Revenue to be generated through Industrial Consultancy /Events/ CoE		60 L	72 L

3.4	Average Publication (WoS/ Scopus only)	Scopus		636 (3/faculty)	805 (3.5/faculty)
		WoS			
		Non SCI			
	Quality of Publications	Citations	Scopus: Average Total	2120	2300
		WoS: Average Total			
3.5	Number of Book Chapter / Book to be authored by faculty (Greater than or equal to)	Book (Symposium, Conference, Innovation Day projects, Magazines with ISBN number)		15	15
		Book Chapters		20/intake	20/intake
3.6	Patent Filed/ Publication (In Nos)			81	81
	Patent Granted (In Nos)			12	12
	Copyright/ Trade Secret/ Trade Mark (In Nos)			45	45
3.7	Number of Interdisciplinary Projects completed			12	12
3.8	Number of Technology Transfer/ Product Commercialization			7	7
3.9	Ph.D. Scholars enrollment	Full time		15	30
		Part time		60	80
3.10	No. of Ph.D students to be graduated	Full time		FT - 0	FT - 2
		Part time		PT - 10	PT - 15
3.11	Ph.D. Supervisors: All PhD holders to get AU supervisor approval			16	22
4. STUDENT DEVELOPMENT					
4.1	Students would pursue Higher Education	Abroad		1%	3%
		India		3%	5%
4.2	Students achievements in Competitions (Co- curricular & Extra curricular activities)	International level		1% of strength	1% of strength
		National level		10% of strength	15% of strength
		State level		20% of strength	25% of strength

4.3	Developing Projects to provide solutions to the pressing problems	Industry projects (UG & PG)	52	52
		Smart India Hackathon (SIH)	26	26
		KAPILA (IIC)	7	7
		Innovation Day (TRL: 4 to 9)	325	325
		YUKTI (share innovations & technologies)	80	80
4.4	Students to complete the NPTEL / MOOC / Industry courses		950	1000
4.5	Offering an OE course: (a student must have completed both of these courses during their four-year degree program)	Innovation / Entrepreneurship	1- OE / year	1- OE / year
		IPR	1- OE / year	1- OE / year
4.6	Students to complete International Certifications		1% of strength	1% of strength
4.7	IIC (must be in alignment with dept. association activities).	IIC driven activities (defined by IIC)	56	56
		Self driven activities related to innovation/IPR/startup	112	112
		Celebrations of National important days	16	16
4.8	Students to undergo Internship	reputed industries/MNC/ Universities (IIT,NIT)	272	404
		Foreign University	4	4
4.9	Out Reach Programs (NSS,NCC, PCD) club activities		60	80
4.10	End Semester Pass Percentage		85%	85%
	Percentage of Graduation - UG		95%	95%
	Percentage of Graduation - PG		95%	95%
5. STUDENT CAREER DEVELOPMENT				
5.1	No. of students to get valid Score in GATE Examination		1/intake	1/intake
5.2	No. of students to get Valid score in IELTS/ GMAT/ TOEFL/ CAT/GRE/ etc.,		1/intake	1/intake

5.3	No. of students to be qualified in UPSC / TNPSC/Any Government examination		I/intake	I/intake
5.4	Entrepreneur		15	15
5.5	Establishing Startups/entrepreural venture with CIN, GST (registered in MSME Udhayam)	Students	14	14
		Faculty	2	2
		Others (outside investors)	2	2
5.6	Higher Studies (TANCET, GATE SCORE, IELTS, TOEFT, GRE, etc		15% of final year students	15% of final year students
5.7	Percentage of students to be placed		90%	95%
5.8	Student salary package (Per Annum in Lakhs)	Average Salary	5.5 L	6L
		Minimum Salary	2.5L	3L
		Maximum Salary	8L	10L
		Median	5L	6L
6. AWARDS AND RANKINGS				
6.1	NIRF Ranking	Institute Level	200	150
6.2	NIRF- Innovation		100	50
6.3	SDGs Ranking		Identification of parameters	Apply
6.4	QS Rating		*	** Active Participation
6.5	AICTE - CII Survey		Active Participation by all Dept	Active Participation by all Dept
7. INFRASTRUCTURE/ BUDGET/ ADMINISTRATIVE/ OTHERS				
7.1	Pre-incubation facility (600 SQ)	Innovation cell	1	1
		Tinkering lab	1	
		Startup cell	1	
		IEDC/EDC		
		IPR cell		
		Technology trafer cell	1	1

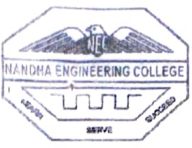
7.2	Facilities for Physically Challenged Students	Readers, computers with screen reading software, low-vision aids, scanners, mobility devices	1. Arrangement of LIFT in Block- IV 2. Increase the No.of Toilets for PCS 3. Wheel Chair in few more blocks 4. Installation of open source software for Visually Challenged in all the labs.	
7.3	Publication of Result	End semester	Before 20 days from the date of last exam	Before 20 days from the date of last exam
Financial Resource and Utilization				
7.4	Annual capital Expenditure (per student for previous 3 years) [Excluding expenditure on land and new building]	Library (Books, journal, e-resources)	50 L	60 L
		New equipments & Softwares	130 L	140 L
		Engineering Workshop	40 L	50 L
		Other Expenditure: classroom, seminar/conference hall, library, Innovation centre, Research lab, CoE, company, etc.	400 L	450 L
	Annual operational Expenditure (per students for previous 3 years) [Excluding maintenence of hostel and allied services]	Salary	2200 L	2600 L
		Maintenance of Academic Infra	2500 L	3000 L
		Students activities: Seminar/conference/workshop	70 L	80 L



NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE- 638 052

STRATEGIC PLAN: 2021-2026

S.NO	DETAILS OF MEETING	DATE
1	Meeting -1	08.07.2021
2	Meeting -2	07.07.2022
3	Meeting -3	07.07.2023
4	Meeting -4	09.07.2024
5	Meeting - 5	08.07.2025
6	Meeting - 6	10.02.2026



NANDHA ENGINEERING COLLEGE

(Autonomous)

Affiliated to Anna University Chennai ★ Approved by AICTE★ Accredited by NBA-New Delhi

Pitchandampalayam (P.O), Vaikkalmedu , Erode-Perundurai Road, ERODE –638 052.

Phone: 04294-225585, 223711, 223722, 226393, Fax: 04294-224787

Website : www.nandhaengg.org

E.Mail: info@nandhaengg.org

Dr. N.Rengarajan , B.Sc., B.Tech. M.E., Ph.D
PRINCIPAL

NEC/Cir/2022-23/SP

Date: 05.07.2023

Time : 12.00 PM

CIRCULAR

Classification	ROUTINE	√ IMMEDIATE
Academic	Originator: PRINCIPAL	Circulated to : Deans/HoDs /Members

Sub: Strategic Planning Committee- (2021-2026) meeting – Reg.

A meeting is scheduled on 07.07.2023 to discuss the goals and objectives of Strategic Plan formulated for the year 2021 – 2026. The time, venue, agenda and list of members of the strategic plan committee are enclosed herewith as annexure. Hence all members are requested to attend the meeting.

PRINCIPAL

Enclosure: (i) Agenda
(ii) List of members of the Committee

05/07/23

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
(An Autonomous Institution, Affiliated to Anna University Chennai and
Approved by AICTE New Delhi)

**Minutes of the 3rd Strategic Planning Committee meeting
held 07.07.2023**

Name of the Body	STRATEGIC PLANNING COMMITTEE: 2021-2026
Meeting No.	3
Date & Time	07.07.2023, 10.00 AM
Venue	Board Room



NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE- 638 052

STRATEGIC PLAN: 2021-2026

Meeting: 03

Date: 07.07.2023

Venue: Board Room, NEC

AGENDA

ITEM 3.01	Welcome note & Introduction of members by Principal
ITEM 3.02	Review of progress on Goals and Objectives of Strategic Plan: 2021-2026
	Strengthening of research publications
	Review of activities through Centre of Excellence (CoE) and In-house companies
	Review and discussion on research activities by leveraging the grant-in-aid of external funding agencies
	Scope of industrial consultancy works
	Discussion on new programs
	Active involvement of faculty in industry interaction
	Promoting the culture of innovation, idea incubation and entrepreneurship
	Review and discussion of action plans for encouraging faculty and student members for filing of IPRs (Patent & Copyright)
	Striving for Quality improvement through Accreditation
	NIRF Ranking
ITEM 3.03	Any other matter
ITEM 3.04	Vote of Thanks

[Handwritten signature]
05/07/23

[Handwritten signature]
Principal 7.23

NANDHA ENGINEERING COLLEGE, ERODE – 638 052

(An Autonomous Institution, Affiliated to Anna University Chennai and approved by AICTE, New Delhi)

Minutes of the Meeting (MoM)

3rd meeting of Strategic planning Committee held on 07th JULY 2023

The Third meeting of the Strategic Planning committee was held on 07.07.2023, 10.00AM at board room. The list of members attended the meeting is enclosed in **Annexure I**

Based on the 2021-2026 Strategic plan objectives the points related to Research, centre of excellence, accreditation, new programs, faculty training, business incubation, patent and copyright were taken up for discussion and the deliberations are detailed below:

ITEM 3.01	Dr. N. Rengarajan, Principal gave a welcome note.
ITEM 3.02	Goals and objectives of Strategic Plan (2021-2026) and progress
Discussion	<p>Principal has presented</p> <ul style="list-style-type: none">the revised Vision and Mission statements of the institution with reasons and its approval in the 10th academic council meeting held on 20.08.2022. The new Vision, Mission statement has been given below. <p>Vision To be an Institute of excellence providing quality Engineering, Technology and Management education to meet the ever changing needs of the society.</p> <p>Mission</p> <ul style="list-style-type: none">To provide quality education to produce ethical and competent professionals with social responsibility.To excel in the thrust areas of Engineering, Technology and Entrepreneurship by solving real- world problems.To create a learner centric environment and improve continually to meet the changing global needs. <ul style="list-style-type: none">Research – Publications: Number of publications in reputed journals is 180 of which 60 is published in SCI journals from 2021 to 2023.Research–Consltancy: Revenue of Rs.22.93 Lakhs is generated through consultancy works during the academic year 2022-2023. Total revenue of Rs.87 Lakhs from 2021-2023.Research – Grants: A grant of Rs. 1.5 Lakhs has been received from various funding agencies for organizing various technical programs during the academic year 2022-2023.Total grant received is Rs. 33.54 Lakhs since June 2021.Center of Excellence and In-house companies: 5 out 10 Center of Excellence and 4 out of 5 in house companies have been started since June 2021.Accreditation: 5 UG programmes have been accredited by NBA (CSE, IT, ECE, EEE and MECHANICAL) and two more programmes (B.Tech, Agriculture Engineering and MBA) submitted their SAR and waiting for the

visit.

- **New Programmes:** 3 new programmes such as B.Tech AI&DS, B.E. CSE (Cyber Security) and B.E. CSE (IOT) have been started since 2021.
- **Faculty Industry Education:** 103 faculty members have undergone training programs in different reputed industries/ PALS during the academic year 2022-2023.
- **Promoting the culture of innovation, idea incubation and entrepreneurship:** 4 grant worth of Rs. 58.75 Lakhs have been received from MSME for the idea incubation. There are 10 incubatees working in business incubation center.
- **IPR- Patent and Copyright:** 31 patents have been published during 2022-2023. Total of 53 patents have been published since 2021. 4 copyrights have been received since 2021.
- **NIRF Ranking:**

Parameter-wise Score						
College		TLR (100)	RPC (100)	GO (100)	OI (100)	PERCEPTION (100)
Nandha Engineering College	2021	45.27	0.48	44.45	44.98	3.65
	2022	48.00	1.33	47.33	45.03	6.60
100 th rank institution score		69.79	5.70	58.27	69.95	6.26

- Members appreciated the achievement and progress of the strategic plan. Further members to improve the journal publications in SCI journals.
- Members appreciated the achievement and progress in IPR. Members suggested to follow the published patents and try to receive the patent rights for the same.
- Members also appreciated center of excellence and industry sponsored laboratories and suggested to utilize these facilities for the students and faculty trainings.

ITEM 3.03

Any other matter:

- Sanctioned intake of the following programmes has been changed from the academic year 2023-2024.
 1. B.E Computer Science Engineering (120 to 180)
 2. B.Tech Information Technology (60 to 120)
 3. B.E Civil Engineering (60 to 30)
 4. B.Tech Chemical Engineering (60 to 30)

ITEM 3.04

Vote of Thanks

Finally, Dr. N. Rengarajan, Principal delivered the vote of thanks


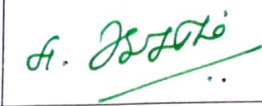

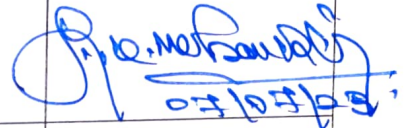
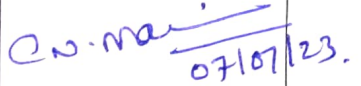


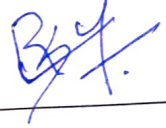

Date: 07.07.2023


Dr. N. Rengarajan
(Principal)


21/7/23

ANNEXURE - I
LIST OF MEMBERS - STRATEGIC PLANNING COMMITTEE

Meeting No.	Venue	Date & Time
3	Board Room, NEC	07.07.2023, 10.00 AM

Sl.No.	Members	Representation	Signature
1	Dr. N. Rengarajan, Principal, Nandha Engineering College	Chairperson	
2	Dr. S. Arumugam, Chief Executive Officer, Nandha Educational Institutions	Member	
3	Dr. M. Easwaramoorthi, Professor & Head, Department of Mechanical, Nandha Engineering College	Member	 07/07/23
4	Dr.S.Kavitha, Professor & Head, Department of ECE, Nandha Engineering College	Member	- Leave of Absence -
5	Dr. E.K. Mohanraj, Professor & Head, Department of Civil Engineering, Nandha Engineering College	Member	 07/07/23
6	Dr. C.N. Marimuthu, Professor Research & Development, Nandha Engineering College	Member	 07/07/23.
7	Dr. D. Vanathi, Professor & Head, Department of Computer Science Engineering, Nandha Engineering College.	Member	 07/07/23
8	Dr. G. Ramani, Professor & Head, Department of Electrical & Electronics Engineering, Nandha Engineering College	Member	 07/07/23
9	Mr.Venkateswaran Doraisamy Partner – VenbroPolymenrs Bhavani Main Rd, Erode, Tamil Nadu 638004	Member - Industry	- Leave of Absence -
10	Dr. S. Syath Abuthakeer,, Associate Professor, Dept. of Mechanical Engineering. PSG College of Technology, Coimbatore	External Member	
11	Mr. S. Muruganandham	Member – Representing Alumni	 07/07/23



NANDHA ENGINEERING COLLEGE

(Autonomous)

Affiliated to Anna University Chennai ★ Approved by AICTE★ Accredited by NBA-New Delhi

Pitchandampalayam (P.O), Vaikkalmedu , Erode-Perundurai Road, ERODE –638 052.

Phone: 04294-225585, 223711, 223722, 226393, Fax: 04294-224787

Website : www.nandhaengg.org

E.Mail: info@nandhaengg.org

Dr. N.Rengarajan , B.Sc., B.Tech. M.E., Ph.D
PRINCIPAL

NEC/Cir/2022-23/SP

Date: 01.07.2022

Time : 12.00 PM

CIRCULAR

Classification	ROUTINE	√ IMMEDIATE
Academic	Originator: PRINCIPAL	Circulated to : Deans/HoDs /Members

Sub: Strategic Planning Committee- (2021-2026) meeting – Reg.

A meeting is scheduled on 07.07.2022 to discuss the goals and objectives of Strategic Plan formulated for the year 2021 – 2026. The time, venue, agenda and list of members of the strategic plan committee are enclosed herewith as annexure. Hence all members are requested to attend the meeting.

PRINCIPAL

OR
01/07/22

Enclosure: (i) Agenda
(ii) List of members of the Committee



NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE- 638 052

STRATEGIC PLAN: 2021-2026

Meeting: 02

Date: 07.07.2022

Venue: Board Room, NEC

AGENDA

ITEM 2.01	Welcome note & Introduction of members by Principal
ITEM 2.02	Review of progress on Goals and Objectives of Strategic Plan: 2021-2026
	Research publications
	Centre of Excellence (CoE)
	Grant-in-aid of external funding agencies
	Industrial consultancy works
	New programs
	FINE (Faculty Industry Education)
	Innovation, idea incubation and Business Incubator
	IPR: filing of patent ©right
	Accreditation
ITEM 2.03	Any other matter
ITEM 2.04	Vote of Thanks


Principal

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
(An Autonomous Institution, Affiliated to Anna University Chennai and
Approved by AICTE New Delhi)

Minutes of the 2nd Strategic Planning Committee meeting
held on 07.07.2022

Name of the Body	STRATEGIC PLANNING COMMITTEE: - 2021-2026
Meeting No.	2
Date & Time	07.07.2022, 09.00 AM
Venue	Board Room

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
(An Autonomous Institution, Affiliated to Anna University Chennai and
approved by AICTE, New Delhi)
Minutes of the Meeting (MoM)


2nd meeting of Strategic Planning Committee held on 7th July 2021

The second meeting of the Strategic planning committee was held on 07.07.2021, 09.00 AM at board room. The list of members attended the meeting is enclosed in **Annexure I**

The Committee considered various items in the agenda and the deliberations are detailed below:





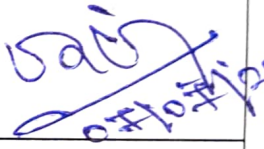



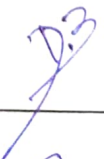
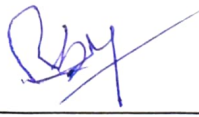

ITEM 2.01	Dr. N. Rengarajan, Principal gave a welcome note.
ITEM 2.02	Goals and objectives of Strategic Plan (2016-2021) and progress
Discussion	<ul style="list-style-type: none">• Number of publications in reputed journals is 165 of which 35 is published in SCI journals during 2021-2022.• A grant of Rs. 15.625 Lakhs has been received from various funding agencies for organizing various technical programs.• Following two new engineering programs have been approved by AICTE from the academic year 2022-2023<ol style="list-style-type: none">1. B.E Computer Science Engineering (Internet of Things)2. B.E Computer Science Engineering (Cyber Security)• Revenue of Rs. 6.08 Lakhs is generated through consultancy works during the academic year 2021 – 2022. <p>Members appreciated the progress and suggested to follow the same approach in the forth coming years to achieve the five year plan.</p>
ITEM 2.03	Any other matter - Nil
ITEM 2.04	Vote of Thanks
	Finally, Dr. N. Rengarajan, Principal delivered the vote of thanks

Date: 07.07.2022


Dr. N. Rengarajan
(Principal)

ANNEXURE - I
LIST OF MEMBERS - STRATEGIC PLANNING COMMITTEE

Meeting No.	Venue	Date & Time
2	Board Room, NEC	07.07.2022, 09.00 AM

Sl.No.	Members	Representation	Signature
1	Dr. N. Rengarajan, Principal, Nandha Engineering College	Chairperson	
2	Dr. S. Arumugam, Chief Executive Officer, Nandha Educational Institutions	Member	
3	Dr. M. Easwaramoorthi, Professor & Head, Department of Mechanical, Nandha Engineering College	Member	
4	Dr.S.Kavitha, Professor & Head, Department of ECE, Nandha Engineering College	Member	
5	Dr. E.K. Mohanraj, Professor & Head, Department of Civil Engineering, Nandha Engineering College	Member	
6	Dr. C.N. Marimuthu, Professor Research & Development, Nandha Engineering College	Member	
7	Dr. D. Vanathi, Professor & Head, Department of Computer Science Engineering, Nandha Engineering College.	Member	
8	Dr. G. Ramani, Professor & Head, Department of Electrical & Electronics Engineering, Nandha Engineering College	Member	
9	Mr. Venkateswaran Doraisamy Partner – VenbroPolymenrs Bhavani Main Rd, Erode, Tamil Nadu 638004	Member - Industry	
10	Dr. S. Syath Abuthakeer,, Associate Professor, Dept. of Mechanical Engineering. PSG College of Technology, Coimbatore	External Member	
11	Mr. S. Muruganandham	Member – Representing Alumni	



NANDHA ENGINEERING COLLEGE (Autonomous)

Affiliated to Anna University Chennai * Approved by AICTE* Accredited by NBA-New Delhi

Pitchandampalayam (P.O), Vaikkalmedu , Erode-Perundurai Road, ERODE -638 052.

Phone: 04294-225585, 223711, 223722, 226393, Fax: 04294-224787

Website : www.nandhaengg.org

E.Mail: info@nandhaengg.org

Dr. N.Rengarajan , B.Sc., B.Tech. M.E., Ph.D
PRINCIPAL

NEC/Cir/2021-22/SP

Date: 02.07.2021

Time: 12.00 PM

CIRCULAR

Classification	ROUTINE	√ IMMEDIATE
Academic	Originator: PRINCIPAL	Circulated to : Deans/HoDs /Members

Sub: Strategic Planning Committee- (2021-2026) meeting – Reg.

A meeting is scheduled on 08.07.2021 to discuss the goals and objectives of Strategic Plan formulated for the year 2021 – 2026. The time, venue, agenda and list of members of the strategic plan committee are enclosed herewith as annexure. Hence all members are requested to attend the meeting.

PRINCIPAL

Enclosure: (i) Agenda
(ii) List of members of the Committee

2/7/21



**NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE- 638 052**

STRATEGIC PLAN: 2021-2026

Meeting: 01

Date: 08.07.2021

Venue: Board Room, NEC

AGENDA

ITEM 1.01	Welcome note & Introduction of members by Principal
ITEM 1.02	Review of five year strategic plan (2016-2021).
ITEM 1.03	Goals and Objectives of Strategic Plan: 2021-2026
	Strengthening of research publications
	Review of activities through Centre of Excellence (CoE)
	Review and discussion of action plans on improving research activities by leveraging the grant-in-aid of external funding agencies
	Scope of industrial consultancy works
	Discussion on Introducing new programs
	Active involvement of faculty in industry interaction: FINE (Faculty Industry Education)
	Promoting the culture of innovation, idea incubation and help the students to become entrepreneurs through business incubator
	Review and discussion of action plans for encouraging faculty and student members for filing of IPRs(Patent & Copyright)
	Striving for Quality improvement through Accreditation
ITEM 1.04	Any other matter
ITEM 1.05	Vote of Thanks

Principal

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
(An Autonomous Institution, Affiliated to Anna University Chennai and
Approved by AICTE New Delhi)

Minutes of the 1st Strategic Planning Committee meeting
held on 08.07.2021

Name of the Body	STRATEGIC PLANNING COMMITTEE: - 2021-2026
Meeting No.	1
Date & Time	08.07. 2021, 9.00 AM
Venue	Board Room

NANDHA ENGINEERING COLLEGE, ERODE – 638 052
(An Autonomous Institution, Affiliated to Anna University Chennai and approved
by AICTE, New Delhi)

Minutes of the Meeting (MoM)

1st meeting of Strategic Planning Committee held on 08th July 2021

The first meeting of the Strategic Plan committee of Nandha Engineering College was held on 08.07.2021, 9.00 AM at Board room. The list of members attended the meeting is enclosed in **Annexure I**. The Committee considered various items in the agenda and the deliberations are detailed below:


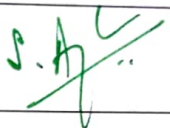


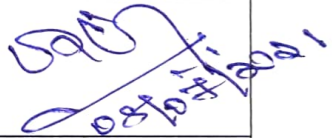




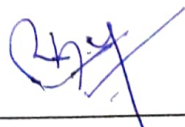
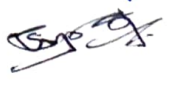
ITEM 1.01	Dr. N. Rengarajan, Principal gave the welcome note and introduced the members
ITEM 1.02	Review of Goals and objectives of five year Strategic Plan (2016-2021) Dr. N. Rengarajan, Principal reviewed the target level attained during the five year plan 2016-2021 and appreciated the achievements of faculty members and students who succeeded beyond the target.
ITEM 1.02	Goals and objectives of five year Strategic Plan (2021-2026) Dr. N. Rengarajan, Principal from the review of five year strategic plan (2016-2021) presented the Goals and objectives of five-year strategic plan (2016-2021) <ul style="list-style-type: none"> ✓ Strengthening of research publications ✓ Establishing Centre of Excellence (CoE) ✓ Revenue generation through consultancy works ✓ Improving research activities by leveraging the grant-in-aid of external funding agencies ✓ Quality improvement through accreditation ✓ Introducing new program ✓ Active involvement of faculty in industry interaction: FINE (Faculty Industry Education) ✓ Active progress of business incubator ✓ Creating awareness about IPR for faculty and student members. Encouraging filing of IPR (Patent & Copyright) <ul style="list-style-type: none"> • Members suggested making use of final year project works for publications. • Members emphasized the need for having Centre of Excellence (CoE) in the emerging areas of different discipline and suggested to form CoE based on the industry requirement. • After deliberations, it was decided to make use of the facilities available in the laboratories for consultancy works and generate revenue. • Members expressed the challenges in getting the funding from government agencies and suggested to motivate the faculties to apply for funding based on the faculty members area of interest. • Deliberated advantages of accreditation and suggested to go for accreditation for eligible Programmes. • Members opined to introduce new specific programs like Internet of Things Cyber Security etc. • Suggested to increase the number of faculty members undergoing industrial training through Faculty Industry Education (FINE). • Members appreciated the initiatives taken by the college towards student's project through innovation club/CiPD. Members suggested the following to take the projects to next level. <ul style="list-style-type: none"> ✓ Awareness about IPR, patent and copyright filing
ITEM 1.03	Any other matter - Nil
ITEM 1.04	Vote of Thanks: Finally Dr. N. Rengarajan, Principal delivered the vote of thanks

Date: 08.07.2021


Dr. N. Rengarajan
Principal

ANNEXURE - I
LIST OF MEMBERS - STRATEGIC PLANNING COMMITTEE

Meeting No.	Venue	Date & Time
1	Board Room, NEC	08.07.2021, 9.00 AM

Sl.No.	Members	Representation	Signature
1	Dr. N. Rengarajan, Principal, Nandha Engineering College.	Chairperson	
2	Dr. S. Arumugam, Chief Executive Officer, Nandha Educational Institutions.	Member	
3	Dr. M. Easwaramoorthi, Professor & Head, Department of Mechanical, Nandha Engineering College.	Member	
4	Dr.S.Kavitha, Professor & Head, Department of ECE, Nandha Engineering College.	Member	
5	Dr. E.K. Mohanraj, Professor & Head, Department of Civil Engineering, Nandha Engineering College.	Member	
6	Dr. C.N. Marimuthu, Professor, Research & Development, Nandha Engineering College.	Member	
7	Dr. D. Vanathi, Professor & Head, Department of Computer Science Engineering, Nandha Engineering College.	Member	
8	Dr. G. Ramani, Professor & Head, Department of Electrical & Electronics Engineering, Nandha Engineering College	Member	
9	Mr.Venkateswaran Doraisamy Partner – Venbro Polymenrs, Bhavani Main Rd, Erode, Tamil Nadu 638004	Member - Industry	
10	Dr S. Syath Abuthakeer, Associate Professor, Dept. of Mechanical Engineering, PSG College of Technology,Coimbatore.	External Member	
11	Mr. S. Muruganandham	Member – Representing Alumni	



NANDHA ENGINEERING COLLEGE (Autonomous) ERODE- 638 052

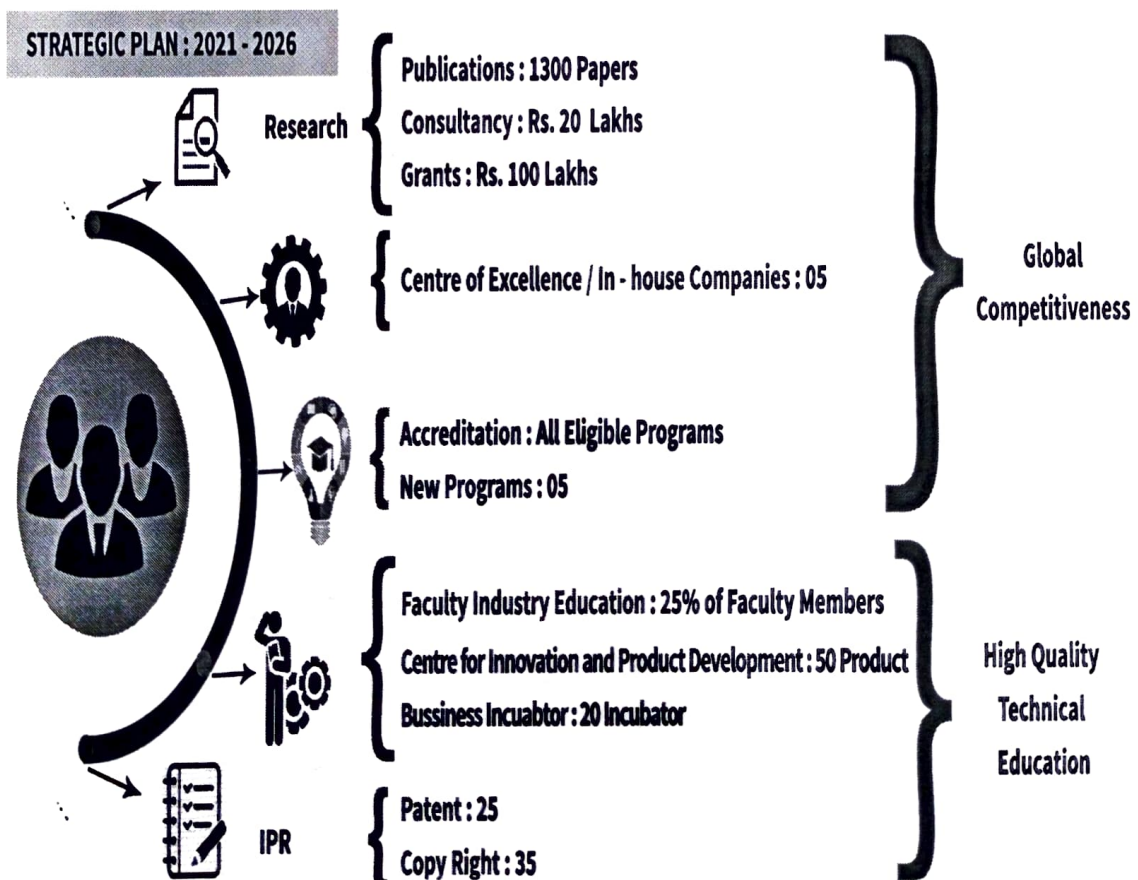
STRATEGIC PLAN: 2021-2026

VISION:

To be a world class Engineering and Management Institution in leading technological and socio-economic development of the country by enhancing the **global competitiveness** of technical manpower and by ensuring **high quality technical education** through dissemination of knowledge, insights and intellectual contributions.

MISSION:

To provide **value-based technical education** and mould the **character of younger generation**.





NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE- 638 052

STRATEGIC PLAN: 2021-2026

VISION:

To be a world class Engineering and Management Institution in leading technological and socio-economic development of the country by enhancing the **global competitiveness** of technical manpower and by ensuring **high quality technical education** through dissemination of knowledge, insights and intellectual contributions.

MISSION:

To provide **value-based technical education** and mould the **character of younger generation**.

STRATEGIC PLAN	
Planning Cycle: 2021 -2026 (5 years)	
<u>Goals and Objectives:</u>	
GLOBAL COMPETITIVENESS	Strengthening of research publications
	Establishing Centre of Excellence (CoE)
	Revenue generation through consultancy works.
	Improving research activities by leveraging the grant-in-aid of external funding agencies
	Quality improvement through accreditation
	Introducing new programs
HIGH QUALITY TECHNICAL EDUCATION	Active involvement of faculty in industry interaction: FINE (Faculty Industry Education)
	Promoting culture of innovation, idea incubation and establishing Business Incubator
	<ul style="list-style-type: none"> ▪ Creating awareness about IPR for faculty and student members ▪ Encouraging filing of IPRs (Patent & Copyright)

S.No	2016-2021 Status	2021-2026 Desired Outcome
1	Publications : 1128	Publications : 1300
2	Consultancy revenue : Rs.17.9Lakhs	Consultancy revenue : Rs.20 Lakhs
3	Grant-in-aid : Rs.103.72Lakhs	Grant-in-aid : Rs.100 Lakhs
4	Three Centre of Excellence (CoE) 1. CSE department – 2 (iGEN, VIRTUSA) 2. ECE department - 1	Effective utilization of CoEs through activities
5	23 patents and 31 copyrights have been published	Based on review of previous strategic plan achievements, it is planned to achieve 25 patents and 35 copyrights in this five years (2021-2026)
6	74 faculty members underwent trainings through FINE (Faculty Industry Education)	Remaining 25% of faculty members are expected to undergo industrial training



NANDHA ENGINEERING COLLEGE

(Autonomous)

Pitchandampalayam, Erode To Perundurai Road, Erode-638 052

STRATEGIC PLAN (2016-2021)

CONSTITUTION OF STRATEGIC PLANNING COMMITTEE

Sl.No.	Members	Representation
1	Dr. N. Rengarajan, Principal, Nandha Engineering College	Chairperson
2	Dr. S. Arumugam, Chief Executive Officer, Nandha Educational Institutions	Member
3	Dr. M. Easwaramoorthi, Professor & Dean, Department of Mechanical, Nandha Engineering College	Member
4	Dr.S.Kavitha, Professor & Dean, Department of ECE, Nandha Engineering College	Member
5	Dr. E.K. Mohanraj, Professor & Dean, Department of Civil Engineering, Nandha Engineering College	Member
6	Dr. C.N. Marimuthu, Professor & Dean, Research & Development, Nandha Engineering College	Member
7	Mr. Gunasekar K, HoD, Department - CSE, Nandha Engineering College	Member
8	Dr. A. Satheesh, Professor & Dean, Department of Electrical & Electronics Engineering, Nandha Engineering College	Member
9	Mr. Venkateswaran Doraisamy Partner – Venbro Polymenrs Bhavani Main Rd, Erode, Tamil Nadu 638004	Member - Industry
10	Dr S Syath Abuthakeer. Associate Professor. Dept. of Mechanical Engineering. PSG College of Technology, Coimbatore	External Member
11	Mr. S. Muruganandham,	Member – Representing Alumni