NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE -638 052

Strategic Plan
2021-2026

Plan — Target

Strategy — How

NIRF (100)
NBA (675)
NAAC (A++) — Outcome

NANDHAENGINEERINGCOLLEGE

STRATEGIC PLAN FOR THE YEARS 2021 TO 2026

- To reach the University status by next 15years.

- To attain NAACA++ grade during 3rd Cycle Accreditation.

- To be ranked among the TOP 200 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.

Strategic plan:

Strategic planning is the process of setting goals, deciding on actions to achieve those goals, and mobilizing the resources needed to take those actions. A strategic plan describes how goals will be achieved using available resources.

A solid strategic plan articulates a shared vision, mission, and values, increasing engagement while providing a framework to ensure students' needs are met so they can reach their full potential.

Vision Statement:

To be an Institute of excellence providing quality Engineering, Technology and Management education to meet the ever changing needs of the society.

Mission Statement:

- 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.

Strategic Goals:

1. **Academic Excellence:**

   - Enhancing teaching-learning processes through innovative pedagogical methods including the integration of technology and experiential learning.

   - Increasing student enrolment in high-demand disciplines while ensuring academic rigor and quality.

   - Strengthening of faculty development initiatives to promote research, publication and industry collaboration.

   - Achieve and maintain accreditation from relevant national and international bodies (e.g., NIRF, NBA, NAACand IIC).

2. **Research and Innovation:**

   - Establishment of research centres of excellence focused on emerging technologies and interdisciplinary fields.

- Increasing research funding and collaboration with industry, government and international institutions.

- Encourage faculty and student involvement in research projects, patents and publications.

- Fostering a culture of innovation and entrepreneurship through incubation centres and industry partnerships.

3. Infrastructure and Facilities:

- Upgrading existing infrastructure and laboratories to meet the evolving needs of academic programs and research activities.

- Expand campus facilities to accommodate growing student and faculty populations.

- Implement sustainable practices in campus development and maintenance.

4. Student Success and Well-being:

- Enhance student support services, including academic advising, career counselling and mental health resources.

- Promote diversity and inclusion initiatives to create a welcoming and equitable campus environment.

- Providing opportunities for holistic development through extracurricular activities, leadership programs and community engagement.

5. Industry Collaboration and Placement:

- Strengthen ties with industry partners through collaborative research projects, internships and guest lectures through MoUs.

- Enhance placement services and career development programs to facilitate successful transitions from academia to industry.

- Align curriculum with industry needs and trends to ensure graduates are well-prepared for the workforce.

Implementation Strategies:

- Development of detailed action plans with specific objectives, timelines, responsible parties, and performance indicators for each strategic goal.

- Allocation of resources effectively, including financial, humanand infrastructural to support strategic initiatives.

- Fostering a culture of accountability, transparency and continuous improvement through regular monitoring and evaluation of progress.

- Promoting communication and collaboration among faculty, staff, students, alumni, industry partners, and other stakeholders to ensure alignment and shared ownership of the strategic plan.

Monitoring and Evaluation:

- Establish mechanisms for ongoing monitoring and evaluation of key performance indicators (KPIs) to track progress towards strategic goals.

- Conduct of internal and external auditing periodically every semester, review of status of each department towards the strategic plan through monthly report and assessments to identify strengths, weaknesses, opportunities, and threats (SWOT analysis) and adjust strategies as needed.

- Solicit feedback from stakeholders through surveys, focus groups, and other feedback mechanisms to inform decision-making and enhance institutional effectiveness.

Conclusion:

A comprehensive strategic plan provides a roadmap for the institution's growth and development over the next five years guided by its vision, mission, and core values. The focus on academic excellence, research and innovation, infrastructure, facilities, student success and industry collaboration and placement can position the college itself as a leader in higher education, contributing to societal progress and economic development.

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

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

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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	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.
ITEM 4.02	Introduction of reconstituted strategic plan review committee members and their roles and responsibilities.
Discussion	- 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	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
Discussion	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. The Principal suggested following guidelines to address areas that require further improvement. - 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**

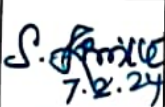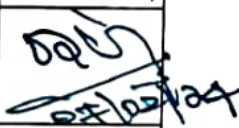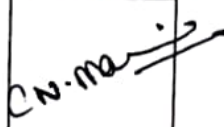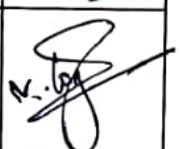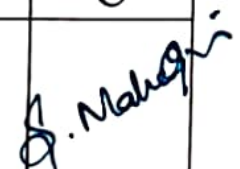| | • New UG and PG Programmes |
	• Diversity: Students & Faculty
	Other state, other country
	Women diversity (Students & faculty)
	• Accreditation
	NAAC and NBA
ITEM 4.04	Discussion on roadmap to achieve the revised targets.
Discussion	The list of members involved in preparing the draft strategic plan is enclosed in **Annexure-I**. The responsibility of each member is to monitor and communicating progress of the plan as given below.

Under Discussion:

- 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.
- The targets corresponding to the year 2023-24 were discussed and reviewed, and the attainment was found to be low. In response, to achieve the Strategic Plan targets, the year targets for 2024-25 and 2025-26 have been revised.

The revised targets and road map for the years 2024-25 and 2025-26 are enclosed in **Annexure-II**.

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 bepresented for approval of the Academic Council and Governing Body.

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
PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.

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	

STRATEGIC PLAN (2021-2026)

1. 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 enrolled (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		20/ intake	- 20/ intake
	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-curriculur & 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

3.4	Average Publication (WoS/ Scopus only)	Scopus		636 (3/faculty)	805 (3.5/faculty)
		WoS			
		Non SCI		20/ intake -	20/ intake
	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
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	Copyright/ Trade Secret/ Trade Mark (In Nos)			45	45
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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		1/intake	1/intake
5.4	Enterpreneur		15	15
5.5	Establishing Startups/enterpreural 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, IELS, 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		200	150
6.2	NIRF- Innovation		100	50
6.3	SDGs Ranking	Institute Level	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 Resourse and Utilization			
7.4	Annual capital Expenditure (per student for previous 3 years) [Excluding expenditure on land and new building]	Library (Books, journal, e-resourses)	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 maintenenace 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

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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

05/3/23

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

NANDHA ENGINEERING COLLEGE, ERODE – 638 052

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

Minutes of the 3rdStrategic 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 membersby 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 encouragingfaculty 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

05/08/23

Principal

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)

3ʳᵈmeeting of Strategic planning Committee held on 07ᵗʰJULY 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	Principal has presented - 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. **Vision** To be an Institute of excellence providing quality Engineering, Technology and Management education to meet the ever changing needs of the society. **Mission** - 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. **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
100th 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.

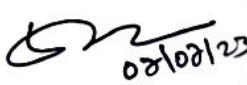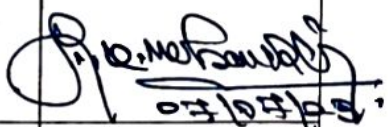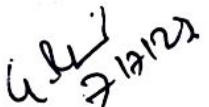|	

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
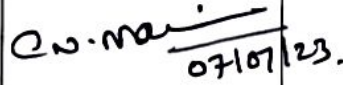
Date: 07.07.2023

Dr. N. Rengarajan
(Principal)

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	02/02/23
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	
6	Dr. C.N. Marimuthu, Professor Research & Development, Nandha Engineering College	Member	C.N.Ma 07/07/23.
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	— 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	