

NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

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

ERODE - 638 052 TAMILNADU

Email: principal@nandhaengg.org Mobile: 73737 12234

(Criterion 3 – Research, Innovations and Extension			
3.1	Promotion of Research and Facilities			

3.1.2.1: The amount of seed money provided by institution to its teachers for research year wise during last five years (INR in lakhs)

Minutes of Meeting-Seed Grant



NANDHA ENGINEERING COLLEGE

(Autonomous)
Affiliated to Anna University Chennai and Approved by AICTE Pitchandampalayam (P.O), Vaikkalmedu, Erode-Perundurai Road, ERODE -638 052.

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

Minutes of Research Advisory Committee

Venue	Principa	Principal Cabin				
Date & Time	06.07.2	022 & 02.30 PM	H			
Attendees:	S.NO	Name of the staff	Designation	Signature		
	. 1.	Dr.N.Rengarajan	Principal	N. Den		
	2.	Dr.J.Senthil	Professor - CSE	D. Athir		
	3.	Dr.C.N.Marimuthu	Professor - ECE	CN.Ma		
	4	Dr.E.K.Mohanraj	Professor - Civil	Pro moran 400		
	5.	Dr.S.Kavitha	Professor - ECE	S. Francist		
	6.	Dr.G.Ramani	Professor - EEE	1,2,3		
	7.	Dr.M.Eswaramoorthi	Professor - Mech.	026/7/02		
	8.	Dr.C.Siva	Professor - IT	(0)		
	9.	Dr.P.Sukumar	Professor - BME	P. Krunus		
	10.	Dr.D.Vanathi	Professor - CSE	Sly		
	11	Dr.N.Subramanian	Professor - Chemical Engg.	Erprome		
	12	Dr.V.Manimegalai	Professor - MBA	Man		
	13	Dr.E.K.Vellingiriraj	Professor - MCA	I-I-d. nalvilli		
	14	Dr.T.Jayanalina	Professor - Physics	1.300		

Minutes of the Meeting are as Follows:

Item: 01	Review of Department Wise Consultancy work completion report for the academic year (2021-2022)
Discussion	Department Wise Consultancy work completion report for the academic year (2021-2022) is discussed with respect to the following data sheet.

	I.A.Tr	S.No	Department	Target in Rs.	Achievement in Rs.	
		1.	CSE	1,00,000.00	15000	
		2.	CIVIL	1,00,000.00	268000	
		3.	ECE	1,00,000.00	11350	
		4.	EEE	1,00,000.00		
		5.	MECHANICAL	1,00,000.00	366232	
		6.	ITCA	1,00,000.00		
		7.	МВА	50,000.00	56000	
		8.	Chemical	25000.00		
		9.	Agri	25000.00		
		10.	BME	25000.00		
Item: 02	Review The nu	of Depa mber of	rtment Wise faculty p	the revenue generation tments. ublications in referred faculty and students ted with respect to the	journal.	for the
	S.No		Descrip		Number Articles	
Discussion	1.	Paner				
				notified in UGC website.	35	
	2.	Paper	rs published conference	s and other journals	134	
Resolution	Reviewe with high	d and re	esolved to improve th	e Faculty research pub	lications in referred	ournals
Item :03	Review o	of the Ph	D research Scholars mic year (2021-2022)	enrolled and complet	ed in our research	centers
	The Ph	D resea	arch Scholars enrollmized departments (E	nent and completion : CE,CSE and Mech dep	status of our three partments) are discu	e Anna ssed as
Discussion	S.No		Descrip	tion	Number Articles	
	1.	Numb AY(20	er of Research scholars (21-2022)	Pursuing for the	40	
	2.	Numb (2021-	er of Research scholars 2022)	Enrolled for the AY	2	
Resolution	The com	mittee n	nembers had suggeste ntre.	d increasing more num	nbers of PhD enrollm	ents in
Item: 04	Review of	of the Re	esearch grant applied ing agencies for the A	to the various funding cademic year (2021-20	agencies and grant re 22).	eceived

The Research grant applied and grant received from various funding agencies for the Academic year (2020-2021) are discussed.
1. The committee has appreciated the ECE Department for getting one AICTE RPS grant of Rs 15,04,500 with the title of "Designing a Fully Textile Fractal Monopole Wearable Antenna for Medical Imaging Applications"
 The committee has also appreciated the IT Department for getting TNSCST Capacity building training scheme grant of RS 1,50,000 with the title of "Science and Technology for industrial needs"
3. Further the committee has also appreciated the EEE Department for getting seminar grant of RS 20,000 with the title of "Emerging advancements in Battery technology for future Electric Vehicle Applications"
The committee members had suggested concentrating on more number of proposal submissions and granting sanction for each department.
To review about proposed Research Policy
The committee had discussed about the proposed Research Policy for this academic year (2022-23) and made changes in the Clause I of Sponsored project under the heading of Remuneration policy for Consultancy, Testing and sponsored research projects.
The committee members had recommended the Clause I of Sponsored project under the heading of Remuneration policy for Consultancy, Testing and sponsored research projects as follows Clause I
 Faculty members who do sponsored research are entitled to get remuneration as per the guidelines of Sponsoring Agencies. The maximum remuneration is capped at Rs 1.00 Lakh per project per faculty.
Any other points
I. Reviewed about the status of Two ongoing AICTE-RPS project of "Design and Development of Proton Exchange Membrane Fuel Cell with Novel Cathode flow Field For Better Water Management and High Performance" and "Experimental Investigation and modeling of WO3, ZnO and Graphene Nano particles in the field of Bio Medical applications"
2. Reviewed the research papers published by our faculty members in Scopus / web of Science indexed and UGC CARE list journal for the AY(2021-22)
 The committee members had satisfied with the outcome of the proposal by published paper and patent as per the requirement of funding agency. The committee members had recommended the research Seed money to the faculty

Copy to

- I. The Secretary
- 2. The Principal
- 3. The file
- 4. Deans & HODs for department circulation.

Dean (R&D)



NANDHA ENGINEERING COLLEGE (Autonomous)

Erode -52

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

Minutes of Research Advisory Committee

Venue	Principal Cabin			
Date & Time	07.01.20	022 & 10.00 AM		
Attendees:	S.No	Name and Designation	Signature	
	1.	Dr.N.Rengarajan, Principal	N. Jem	
	2.	Dr.J.Senthil, Professor (CSE) and Director	D. Lith	
	3.	Dr.C.N.Marimuthu Professor (ECE), DEAN/R&D	CN.Ma-	
	4	Dr.C.Siva, Professor and HOD/IT	(A)	
	5.	Dr.E.K.Mohanraj, Professor and DEAN/Civil	PromoRow od	
	6.	Dr.G.Ramani, Professor and HOD/EEE	Cal	
	7.	Dr.M.Eswaramoorthy, Professor and DEAN / Mech	On 11/12	
	8.	Dr.S.Kavitha, Professor and DEAN / ECE	S. Famille	
	9.	Dr.M.Dhananivetha, Professor and HOD/Agri.	- 4	
	10.	Dr N.Subramanian, Professor and HOD/Chemical	Edmund	

Minutes of the Meeting are as Follows:

Item: 1	Review of Department Wise Consultancy work The committee has reviewed the consultancy work carried out by various departments.				
Discussion					
Resolution	The following departments are asked to concentrate to generate revenue for their department under consultancy. 1. Agricultural Engineering. 2. Biomedical Engineering 3. Electrical and Electronics Engineering 4. Chemical Engineering and 5. Information Technology				
Item: 2	Review of Seed money request from faculty members for research work.				
Discussion	Discussed about the sanction of the seed money to the faculty research publication in refereed journals.				
Resolution	The committee has recommended the amount of Rs.5,000/- for each article as an incentive to the 25 faculty members about Rs.1,70,000/- as attached as Annexure-I				

Dean (R&D)

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Nandha Engineering College (Autonomous), Erode-52

Department of Research & Development

List of faculty receiving incentives regarding paper publication in WoS/ Scopus Journals for the Academic year 2020-2021

SNo	Name of the teacher provided with seed money	The amount of seed money
1	Dr.C.N.Marimuthu	15000
2	Dr.S.Kavitha	5000
3	Dr.P.Sukumar	5000
4	Dr.R.Murugasami	5000
5	Dr.D.Arulanantham	5000
6	Dr.N.Manikandaprabu	5000
7	Dr.N.Manikandaprabu	5000
8	Dr.D.Arulanantham	5000
9	Dr.D.Arulanantham	5000
10	Dr.G.Ramani	5000
11	Dr.P.Jamuna	5000
12	Mr.P.Krishnagandhi	5000
13	Mr.S.Elango	5000
14	Mr.B.Ashok Kumar	5000
15	Mr. K.S.Mohan	5000
16	Mr. K.S.Mohan	5000
17	Mr.M.Manikandan	15000
18	Dr.N.Senniangiri	5000
19	Dr.M.Muthukumar	20000
20	Dr.M.Muthukumar	15000
21	Mr.M.A.Omprakash	5000
22	Dr.N.Subramanian	5000
23	Dr.K.Sharmilee	5000
24	Dr.T.Jayakumar	5000
25	Mr.R.Rajkumar	5000

CN.M-7111202 Dean (R&D) 7111202 170000

Principal



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Website: www.nandhaengg.org

E.mail: info@nandhaengg.org

Date: 10-06-2021

CIRCULAR

Classification	ROUTINE	IMMEDIATE
Anti –Ragging	Originator: PRINCIPAL	Circulated to Deans & HODs

Sub:-Composition of Research Advisory Committee - Reg.

The following senior faculty members are designated as Research Advisory Committee members for our Institution to improve and monitor the progress of research activities for the academic year (2021-2022).

Name of the Staff	Designation	Remarks	
Dr.N.Rengarajan	Principal	Chairman	
Dr.J.Senthil	Professor (CSE) and Director	Member	
Dr.C.N.Marimuthu	Professor (ECE) and Dean (R&D)	Member Secretary	
Dr C.Siva	Professor and HOD//IT	Member	
Dr.E.K.Mohanraj	Professor and DEAN / Civil	Member	
Dr.G.Ramani	Professor and HOD / EEE	Member	
Dr.M.Eswaramoorthi	Professor and DEAN / Mechanical	Member	
Dr.S.Kavitha	Professor and DEAN / ECE	Member	
Dr.M.Dhananivetha	Professor and HOD//Agri.	Member	
Dr.N. Subramanian	Professor and HOD//Chem,	Member	

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PRINCIPAL

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(Autonomous) Erode - 638 052.

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Nandha Engineering College (Autonomous)

Erode - 638 052.



NANDHA ENGINEERING COLLEGE (Autonomous)

Erode -52

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

Minutes of Research Advisory Committee

Venue	Principal Cabin					
Date & Time	24.06.2	24.06.2021 & 10.00 AM				
Attendees:	S.NO	Name and Designation	Signature			
	1.	Dr.N.Rengarajan, Principal	Na			
	2.	Dr.J.Senthil, Professor (CSE) and Director	D. with			
	3.	Dr.C.N.Marimuthu Professor (ECE), DEAN/R&D	CN.Ma			
	4	Dr.C.Siva, Professor and HOD/IT	000			
	5.	Dr.E.K.Mohanraj, Professor and DEAN/Civil	P. D. Marsanion			
	6.	Dr.G.Ramani, Professor and HOD/EEE	6.lui			
	7.	Dr.M.Eswaramoorthy, Professor and DEAN / Mechanical	On			
	8.	Dr.S.Kavitha, Professor and DEAN / ECE	S. Fraisso			
	9.	Dr.M.Dhananivetha, Professor and HOD/Agri.	M. Hon-tto			
	10.	Dr N.Subramanian, Professor and HOD/Chemical	Edoming 111 v			

Minutes of the Meeting are as Follows:

Item: 01	Review of Department Wise Consultancy work completion report for the acader year (2020-2021)				
Discussion	Department (2020-2021)	Wise Consultancy we are discussed with resp	ork completion rep sect to the following	ort for the academic ; data sheet.	
	S.No	Department	Target in Rs.	Achievement in Rs.	
	1.	CSE	1,00,000.00	-	
	2.	CIVIL	1,00,000.00	31900.00	
	3.	ECE	1,00,000.00	7250.00	
	4.	EEE	1,00,000.00	-	
	5.	EIE	50,000.00	-	
	6.	MECHANICAL	1,00,000.00	15000.00	
	7.	ITCA	1,00,000.00	-	
	8.	MBA	50,000.00	-	
	9.	Chemical	25000.00		
	10.	Agri	25000.00		

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Nandha Engineering College (Autonomous) Erode - 638 052

	Reviewed and resolved to improve the revenue generation under Consultancy i EEE,ITCA. ,Agri, Chemical and MBA departments.						
Item:02	Review of Department Wise faculty publications in referred journal.						
Discussion	The Department Wise faculty publications in referred journal for the academic year (2020-2021) are discussed with respect to the following data sheet.						
	S.No	Departme	Published in SCO work WOS/SCI inde	eved Pul	olished in C Care list.	others	
	1.	CSE			2		
	2.	CIVIL	-		-		
	3.	ECE	4		-		
	4.	EEE	3		-		
	- 5.	EIE	-		-		
	6.	MECH	6		-		
	7.	ITCA	-		-		
	8.	MBA	-		-		
	9.	Chemical					
	10.	Agri	2		-		
Item :03 Discussion	during the	f the PhD rese e Academic y D research Sc	earch Scholars enrolled year (2020-2021). holars enrollment and	completion	ed in our re	ur three An	
	Review o during the The Phl universit	f the PhD rese e Academic y D research Sc	earch Scholars enrolled year (2020-2021). holars enrollment and d departments (ECE	and complet	status of o Mech depa No. of the research	ur three Annartments) as	
	The Phl universit discusse	of the PhD reserved as Academic y Presearch Script recognized as per the formal Name of the Research	earch Scholars enrolled year (2020-2021). holars enrollment and d departments (ECE ellowing table Name of he research supervisors	completion so, CSE and No. of the research scholars	status of o Mech depa	ur three Annartments) a No. of the research scholars pursuing	
	The Phl universit discusses	of the PhD reserved as Academic y Presearch Script recognized as per the formal Name of the Research centre	earch Scholars enrolled year (2020-2021). holars enrollment and d departments (ECE illowing table	No. of the research scholars enrolled	status of o Mech depa No. of the researce scholar Complete	ur three Annartments) a No. of the research scholars pursuing	
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	Review of during the The Phl universite discussed S.No	of the PhD reserved as Academic y Presearch Script recognized as per the formal Name of the Research centre	carch Scholars enrolled year (2020-2021). holars enrollment and d departments (ECE llowing table Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu	No. of the research scholars enrolled	No. of the research scholar Complet	wr three Annartments) as No. of the research scholars pursuing 1 5	
	Review of during the The PhI universite discussed S.No	of the PhD reserved as Academic y Presearch Script recognized as per the formal Name of the Research centre	carch Scholars enrolled year (2020-2021). holars enrollment and departments (ECE ellowing table Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar	No. of the research scholars enrolled	status of o Mech depa No. of the researce scholar Complete	nur three Annuartments) and the he research scholars pursuing	
	Review of during the The Phl university discussed S.No.	of the PhD reserved as Academic y Presearch Script recognized as per the formal Name of the Research centre	earch Scholars enrolled year (2020-2021). holars enrollment and d departments (ECE ellowing table Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar Dr S.Arumugam	No. of the research scholars enrolled	No. of the research scholar Complet	ne he he research scholars pursuing	
	Review of during the Phl university discussed S.No 1. 2. 3. 4. 5.	f the PhD rese ne Academic y D research Sc ty recognized d as per the fo Name of the Research centre ECE	carch Scholars enrolled year (2020-2021). holars enrollment and departments (ECE departments) Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar Dr S.Arumugam Dr Sivaraj	No. of the research scholars enrolled	No. of the research scholar Complet	rur three Annartments) at No. of the research scholars pursuing	
	Review of during the PhI universite discussed S.No 1. 2. 3. 4. 5. 6.	f the PhD reserve Academic y D research So by recognized as per the formal Name of the Research centre ECE	carch Scholars enrolled year (2020-2021). holars enrollment and d departments (ECE ellowing table Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar Dr S.Arumugam Dr Sivaraj Dr J.Senthil	No. of the research scholars enrolled	No. of the research scholar Complet	rur three Annuartments) and the has scholars pursuing 1 5 2 1 8	
	Review of during the Phl university discussed S.No 1. 2. 3. 4. 5. 6. 7. 8.	f the PhD rese ne Academic y D research Sc ty recognized d as per the fo Name of the Research centre ECE	earch Scholars enrolled year (2020-2021). holars enrollment and d departments (ECE ellowing table Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar Dr S.Arumugam Dr Sivaraj Dr J.Senthil Dr M.Eswaramoorthy	No. of the research scholars enrolled	No. of the research scholar Complet	rur three Annuartments) and the he research scholars pursuing 1 5 2 1	
	Review of during the PhI university discussed S.No 1. 2. 3. 4. 5. 6. 7.	f the PhD reserve Academic y D research So by recognized as per the formal Name of the Research centre ECE	carch Scholars enrolled year (2020-2021). holars enrollment and d departments (ECE ellowing table Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar Dr S.Arumugam Dr Sivaraj Dr J.Senthil	No. of the research scholars enrolled	No. of the research scholar Complet	ur three Annartments) a No. of the research scholars pursuing 1 5 2 1 8 1	
Discussion	S.No 1. 2. 3. 4. 5. 6. 7. 8.	f the PhD rese the Academic y D research Sc ty recognized d as per the fo Name of the Research centre ECE Mech	carch Scholars enrolled year (2020-2021). cholars enrollment and departments (ECE departments) llowing table Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar Dr S.Arumugam Dr Sivaraj Dr J.Senthil Dr M.Eswaramoorthy Dr N.Kumaravel	No. of the research scholars enrolled	No. of the research scholar Complet	wr three Annartments) a No. of the research scholars pursuing 1 5 2 1 8 1 1	
Discussion	Review of during the PhI universite discussed S.No 1. 2. 3. 4. 5. 6. 7. 8. 9.	of the PhD reserve Academic y D research So by recognized das per the formal Name of the Research centre ECE CSE Mech	pearch Scholars enrolled year (2020-2021). holars enrollment and departments (ECE departments) Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar Dr S.Arumugam Dr Sivaraj Dr J.Senthil Dr M.Eswaramoorthy Dr N.Kumaravel	No. of the research scholars enrolled	No. of the research scholar Complet	wr three Annartments) a No. of the research scholars pursuing 1 5 2 1 8 1 1	
Discussion esolution tem: 04	S.No 1. 2. 3. 4. 5. 6. 7. 8. 9.	The PhD reserve are Academic your research Sorty recognized as per the formal Name of the Research centre ECE CSE Mech mittee memints in each reserve for the Research centre	pearch Scholars enrolled year (2020-2021). holars enrollment and departments (ECE departments) Name of he research supervisors Dr N.Rengarajan Dr C.N.Marimuthu Dr S.Kavitha Dr P.Sukumar Dr S.Arumugam Dr Sivaraj Dr J.Senthil Dr M.Eswaramoorthy Dr N.Kumaravel	No. of the research scholars enrolled 3 2	No. of the research scholar Complete 2	wr three Annartments) a No. of the research scholars pursuing 1 5 2 1 8 1	

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Erode - 638 052.

Discussion	various i	arch grant applic unding agencies wing table	ed to the various s for the Academ	funding agencies ic year (2020-20)	and grant received fr 21) are discussed as
	S.No	Department	No. of Proposal submitted	No. of Grants received	Grant Amount
	1.	CSE	01		-
	2.	CIVIL	01		-
	. 3.	ECE · ····	03		-
	4.	EEE	02		-
	5.	EIE	-		-
	6.	MECH	04		-
	7.	ITCA			•
	8.	MBA	-		-
	9.	Chemical	-		
	10.	Agri	-		-
Resolution	The cor	nmittee membe submissions and	ers had suggested granting sanction	ed concentrating	on more number tment.
Item:05	Any other	points			
Discussion	der • Rev	partment.	TE sponsored inte	s and Commu	oplication submitted unication Engineering ence (ICRIETM 2020 ed papers in referre

State. 21

On.M 24.6.2
Dean (R&D)

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Minutes of Research Advisory Committee

Venue	Principal Cabin					
Date & Time	24.12.2021 & 10.00 AM					
Attendees:	S.No Name and Designation		Signature			
	1.	Dr.N.Rengarajan, Principal	Name			
	2.	Dr.J.Senthil, Professor (CSE) and Director	D. Ath			
	3.	Dr.C.N.Marimuthu Professor (ECE), DEAN/R&D	CN.Ma.			
	4	Dr.C.Siva, Professor and HOD/IT	(Dec)			
	5.	Dr.E.K.Mohanraj, Professor and DEAN/Civil	Fyle Merbanis			
	6.	Dr.G.Ramani, Professor and HOD/EEE	(19)			
	7.	Dr.M.Eswaramoorthy, Professor and DEAN / Mech	on			
	8.	Dr.S.Kavitha, Professor and DEAN / ECE	S. Somilio			
	9.	Dr.M.Dhananivetha, Professor and HOD/Agri.	M. IB. XI-H.			
	10.	Dr N.Subramanian, Professor and HOD/Chemical	Spring			

Minutes of the Meeting are as Follows:

Item: 1	Review of Department Wise Consultancy work completion, Proposal submission and Research Scholar enrollment.
Item: 2	Discussed about the status of faculty research publication in refereed journals and the committee has recommended the amount of Rs.5,000/- for each article as an incentive to the faculty members.
Item: 3	The committee has recommended the seed money for design and development of student innovative project.

C10.100

Dean (R&D)

Copy to

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2. The Secretary

3. The file

4. Deans & HODs for department circulation.

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