NANDHA ENGINEERING COLLEGE,

ERODE - 638 052

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

MINUTES OF THE 10TH ACADEMIC COUNCIL MEETING

Name of the Body	Academic Council
Meeting No.	10
Date & Time	20.08.2022, 10.30 am
Venue	Board Room, Nandha Engineering College (Autonomous)

NANDHA ENGINEERING COLLEGE, ERODE - 638052

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

Minutes of 10th Academic Council Meeting (20th August 2022)

The Tenth meeting of the Academic Council for Nandha Engineering College was held on 20.08.2022 by 10.30 am at Board Room, Nandha Engineering College, Erode. The list of members attended the meeting is given in Annexure I.

ITEM 10.01	Welcome by the Principal & Introduction of members Dr. N. Rengarajan, Principal & Chairperson of the Academic Council welcomed all the members and introduced the external members. Further, he requested the internal members to introduce themselves and briefed the agenda items.
ITEM 10.02	Approval of the minutes of Academic Council meeting: • 9th Academic Council meeting held on 06-09-2021 & Action taken • 9A Special Academic Council meeting held on 11.04.2022 • 9B Special Academic Council meeting held on 20.04.2022
Discussion	• Dr. N. Rengarajan, Principal & Chairman of the Academic Council presented the minutes of the 9th meeting of Academic Council held on 06.09.2021, action taken or the same, 9A Special Academic Council meeting held on 11.04.2022 and 9B Special Academic Council meeting held on 20.04.2022.
Resolution	Noted the contents of the minutes of the 9th Academic Council meeting held on 06.09.2021, 9A Special Academic Council meeting held on 11.04.2022 and 9B Special Academic Council meeting held on 20.04.2022 and resolved to approve the same. Action Taken Report (ATR) of the 9th academic council was also noted by the members and approved.
ITEM 10.03	• Review of Vision and mission of the Institute • Review of Vision and mission of the Departments - All Programmes • Approval of the minutes of BoS meeting - All Programmes (for Academic year 2021-22). • Presentation of curriculum and syllabi approved in BoS meeting by Chairperson BoS.

Discussion	✓ Principal presented the statements of the vision and mission of the institute and various departments to the Academic Council members for any suggestion from the members. The members suggested the following modifications regarding vision and mission statements of the institute:
	  ➤ Dr. N. Natchimuthu (MIT campus) advised to consider the inclusion of word "ever growing or ever changing" in the vision statement.
	  ➤ Mr. N. Lakshminarasimhan (Brakes India) and Dr. K. Ruckmani (Anna University, Tiruchirappalli) suggested to reorder the mission

		statements.
		➤ Dr. S. Vasantharathna (CIT) and Dr. K. Umamaheswari (PSGCT) appreciated the usage of word "excellence" in the vision statement.
		✓ All the council members suggested to modify the vision and mission statements of all the departments corresponding to the revised vision and mission statements of the institute.
		✓ The Minutes of Board of Studies of all programmes of study were placed for approval.
		✓ Presentation of curriculum and syllabi of R22 regulation approved in BoS meeting by Chairperson BoS.

B.E. Biomedical Engineering (UG) 1st and 2nd Semesters (R22)	

Dr. P. Sukumar, Head, BioMedical Engineering, presented the curriculum and syllabi.
 One Credit Course: (Ratification - R17)
     ✓ PCB Design
     ✓ Medical Equipments Trouble Shooting & Calibration	

B.E. Civil Engineering & M.E. Structural Engineering 1st and 2nd Semesters (R22) - UG 1st and 2nd Semesters (R22) - PG	
Dr. E.K. Mohanraj, Head, Civil Engineering, presented the curriculum and syllabi. One Credit Course: (Ratification - R17) ✓ Building Bye Laws	
B.E. Computer Science and Engineering (UG & PG) 1st and 2nd Semesters (R22) - PG B.E. Computer Science and Engineering (Cyber Security) - UG 1st and 2nd Semesters (R22) - UG B.E. Computer Science and Engineering (Internet of Things) - UG 1st and 2nd Semesters (R22) - UG	
Dr. D. Vanathi, Head, Computer Science & Engineering presented the curriculum and syllabi. One Credit Course: (Ratification - R17) ✓ Microsoft Azure	
B.E. Electronics and Communication Engineering (UG) and M.E. VLSI Design (PG) 1st and 2nd Semesters (R22) - UG 1st and 2nd Semesters (R22) - PG	

		Dr. C. N. Marimuthu, Prof. & Dean, Electronics and Communication Engineering briefed the contents of curriculum and syllabi. One Credit Course: (Ratification - R17) ✓ PCB Design ✓ Embedded System Design using PLC Microcontroller
		B.E. Electrical and Electronics Engineering (EEE) 1st and 2nd Semesters (R22) - UG
		Dr. G. Ramani, Head, Electrical and Electronics Engineering presented the contents of curriculum and syllabi.
		B.E. Mechanical Engineering (UG) & M.E. Engineering Design (PG) 1st and 2nd Semesters (R22) - UG 1st and 2nd Semesters (R22) - PG
		Dr. M. Eswaramoorthi, Head, Mechanical Engineering presented the contents of curriculum and syllabi. One Credit Course: (Ratification - R17) ✓ Advanced Industrial Automation and Robotics ✓ Industrial Automation and Control (Scada & Hmi) ✓ Numerical Modeling of Physical Systems in the Virtual Domain using CFD
		B.Tech. Agricultural Engineering 1st and 2nd Semesters (R22) - UG
		Mr. K. Pradeepkumar Head, Agricultural Engineering presented the presented the contents of curriculum and syllabi.
		B.Tech. - Artificial Intelligence and Data Science. 3rd and 4th Semesters (R17) - UG 1st and 2nd Semesters (R22) - UG
		Mrs. M. Parvathi, Head, Artificial Intelligence and Data Science presented the curriculum and syllabi. One Credit Course: (Ratification - R17) ✓ R for Data Science ✓ Virtual Reality ✓ Game Programming ✓ Cloud AI Platform
		B.Tech. Chemical Engineering (UG) 1st and 2nd Semesters (R22) - UG
		Dr. N. Subramanian, Head, Chemical Engineering presented the curriculum and syllabi.
		B.Tech. Information Technology (UG) 1st and 2nd Semesters (R22) - UG
		Dr. C. Siva, Head, Information Technology presented the contents of

		curriculum and syllabi. One Credit Course: (Ratification - R17) ✓ JQuery and Bootstrap
		Master of Computer Applications (MCA) Program
		Dr. E.K. Velligiriraj, Head, Master of Computer Applications presented the contents of curriculum and syllabi.
		Master of Business Administration (MBA)
		Dr. V. Manimegalai, Head, Master of Business Administration presented the contents of curriculum and syllabi.
		Science & Humanities
		Dr. M. Vijayalakshmi, Professor, Chemistry presented the contents of curriculum and syllabi.
Resolution		Academic council members resolved to approve the following: ✓ Vision and mission statements of the institute with the inclusion of their suggestions to get approval in the Governing body ✓ Minutes of 10th BoS Meeting of the programmes (Civil, CSE, ECE, EEE, Mechanical, IT, MCA, MBA and S & H) ✓ Minutes of 6th BoS Meeting of the programmes (Agri and Chemical) ✓ Minutes of 5th BoS Meeting of the programme (Biomedical) ✓ Minutes of 2nd BoS Meeting of the programme, B.Tech. Artificial Intelligence and Data Science, Computer Science and Engineering (Cyber Security) and Computer Science and Engineering (Internet of Things). ✓ Curricula and syllabi for UG and PG of respective programmes (R22) ✓ Curricula and syllabi for UG programme (R17) ✓ One credit courses of respective programmes (R17 ratified)
ITEM 10.04		Approval of the new academic regulation R22 (UG and PG) Amendments in Regulation R17 (UG and PG)
Discussion		Principal presented the new academic regulation R22 for UG and PG programmes and highlighted the salient features of the regulation to the Academic council members. Further, he presented the amendments in regulation R17 (UG and PG). Dr. K. Ruckmani suggested to permit the students to undergo online courses only form standard forums or institutions.
Resolution		Resolved to approve the academic regulations R22 and amendments in regulation R17.
ITEM 10.05		a) Presentation of results - UG & PG programmes ➢ 2020-21 Even and 2021-22 Odd semester results ➢ Degree awarded (FC, FCD, Year wise, Degree wise, Program wise) b) Report of Malpractice committed by the students in internal and end semester examinations.

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	c) R17: List of debarred and rejoined students for UG and PG programmes during 2021-22 ➤ R17: Attendance shortage below 65% d) Details of one credit and online courses studied during 2021-22 academic year.
Discussion	Dr. S. Arumugam, Professor & CoE presented the results, report of malpractice, list of debarred students, shortage of attendance and one credit and online courses studied during 2021-22 academic year. Further, the discussion regarding the retainment of answer scripts (as hard copies) had been done to reduce the burden of keeping the records of more scripts.
Resolution	The Academic council members suggested to retain the answer scripts for a minimum period of 5 years (last 3 years as hard copies and further 2 years with sample scripts or as soft copies) for UG programmes and 4 years as hard copies for PG programmes. Further, Natchimuthu advised to follow Anna University guidelines regarding the retainment of old answer scripts. If any deviation from the guidelines could be allowed only after approval from Anna University.

ITEM 10.06	New programme and variation in sanctioned intake (existing programmes)
	UG:
	    • B.E. - Computer Science and Engineering (Cyber Security)
	    • B.E. - Computer Science and Engineering (Internet of Things)
	    • B.E - Mechanical Engineering (variation in intake)
	  ▪ **PG:** Structural, VLSI, ED and CSE (variation in intake)

Discussion	Principal informed about the new UG programmes introduced from the academic year 2021-2022 and approvals of AICTE & Anna University regarding the same. He also informed the variations in sanctioned intake of already existing programmes.
Resolution	Resolved to note the details of modifications in intake and new programmes.
ITEM 10.07	Accreditation - NBA and NAAC

Discussion	Principal narrated the accreditation activities and preparations related to NAAC and NBA.
	  ▪ NAAC: Peer team visit regarding NAAC Accreditation had been scheduled on 1st week of September, 2022.
	  ▪ NBA applied: 2 UG Programmes - EEE and Mechanical (Committee visit schedule is yet to receive)

Resolution	Members appreciated the efforts by the institution regarding the accreditation activities.

ITEM 10.08	Authorize Head of the Institute to receive the funding from various funding agencies.
Discussion	Approval for authorizing Head of the Institute to receive the funding from various funding agencies as certain funding agencies require the same.
Resolution	Resolved to approve the proposal regarding research and development policy.
ITEM 10.09	Any other items: Nil
ITEM 10.10	Vote of Thanks.
	Dr. M. Muthukumar, Member Secretary proposed the vote of thanks.

Date: 20.08.2022

Principal & Chairman - Academic Council
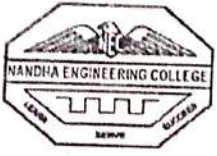
Dr. N.Rengarajan , B.Sc., B.Tech.,M.E.,Ph.D.
PRINCIPAL

Date: 21.06.2023

NEC/Cir/2022-23/928
Time: 11.03 A.M

CIRCULAR

Classification	ROUTINE	√ IMMEDIATE
Academic	Originator : PRINCIPAL	Circulated to : Deans and HODs

Sub: Academic Council meeting - Reg

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The 11th Academic Council meeting is scheduled on 01.07.2023 at 10.30 AM in Board room, Nandha Engineering College, Erode. The agenda and list of members of the academic council are enclosed herewith as annexure. Hence all members are requested to attend the meeting.

PRINCIPAL
PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

NANDHA ENGINEERING COLLEGE (Autonomous)

ERODE- 638 052

11th ACADEMIC COUNCIL MEETING

Venue : Board Room, NEC   Date: 01.07.2023 & Time : 10.30 AM

AGENDA

ITEM 11.01	Welcome by the Principal & Introduction of members
ITEM 11.02	Approval of the minutes of 10th Academic Council meeting held on 20-08-2022 & Action taken.
ITEM 11.03	• Vision and Mission of the Institute • Vision and Mission of the Departments - All Programmes
ITEM 11.04	• Approval of the minutes of BoS meeting and curriculum & syllabi (R17 & R22)- All Programmes (Presentation of approved curriculum and syllabi by Chairperson BoS) • Ratification of curriculum and syllabi if any in R22 regulations.
ITEM 11.05	• Approval of the amendment of the academic regulation R22 (UG and PG) • Amendments in Regulation R17 (UG + PG)
ITEM 11.06	a) Presentation of results - UG & PG programmes • 2021-22 Even and 2022-23 Odd semester results • Degree awarded: Batch 2018-22 (FC, FCD, Year wise, Degree wise, Program wise) b) Report of Malpractice committed by the students in CAT and end semester examinations. c) R17& R22: List of debarred and rejoined students for UG and PG programmes during 2022-23 d) R17& R22: Attendance shortage below 65% e) Details of one credit and online courses studied during 2022-23 academic year.
ITEM 11.07	Variation in sanctioned intake of existing UG programmes • B.E - Computer Science and Engineering • B.Tech - Information Technology • B.E - Civil Engineering • B.Tech - Chemical Engineering
ITEM 11.08	Accreditation - NAAC & NBA
ITEM 11.09	Review and Approval of Institute Research policy.
ITEM 11.10	Approval of Non-Statutory Committee functions and responsibilities.
ITEM 11.11	Any other matter
ITEM 11.12	Vote of Thanks - Dr. M. Muthukumar, Member Secretary.

Principal & Chairman - Academic Council

PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

1. Chairman

Dr. N. Rengarajan	Principal	CHAIRMAN

2. Heads of Department

S.No.	Name	Designation	Department
1.	Dr. M. Dhipa	Head	Bio Medical Engineering
2.	Dr. E.K. Mohanraj	Head	Civil Engineering
3.	Dr. S. Arumugam	Professor	Computer Science and Engineering
4.	Dr. J. Senthil	Professor	Computer Science and Engineering
5.	Dr. D. Vanathi	Head	Computer Science and Engineering Computer Science and Engineering (Internet of Things)
6.	Dr. S. Prabhu	Head	Computer Science and Engineering (Cyber Security)
7.	Dr. C.N. Marimuthu	Professor	Electronics and Communication Engineering
8.	Dr. S. Kavitha	Head	Electronics and Communication Engineering
9.	Dr. G. Ramani	Head	Electrical and Electronics Engineering
10.	Dr. M. Easwaramoorthi	Head	Mechanical Engineering
11.	Mr. K. Pradeep Kumar	Head	Agricultural Engineering
12.	Dr. N. Subramanian	Head	Chemical Engineering
13.	Dr. C. Siva	Head	Information Technology MCA
14.	Ms. M. Parvathi	Head	Artificial Intelligence and Data Science
15.	Dr. M. Vijayalakshmi	Professor	Chemistry
16.	Dr. V. Manimegalai	Head	MBA

3. Teachers of the College

1.	Dr. M.K. Murthi	Associate Professor	Mechanical Engineering
2.	Dr. P. Kavitha	Assistant Professor	English
3.	Mr. R. Thiruneelakkandan	Assistant Professor	Physics
4.	Mr. P. Jaisankar	Assistant Professor	Mathematics

4. Experts from outside the College

1.	Mr. N. Lakshminarasimhan	Industry expert	General Manager (Personnel & HR), Brakes India Private Ltd., Padi, Chennai – 600 050 9786662031 lakshminarasimhan.n@brakesindia.co.in
2.	Mr. N. Meyyappan	Industry expert	Founder and Managing Director, Top FreshersTechnologies Private Limited, Poonamallee Road, Ramapuram, Chennai – 600 089 9840044969 meyyappan@terv.pro
3.	Dr. S. Vasantharathna	Academic expert	Professor and Head, Department of Electrical and Electronics Engineering, CIT, Coimbatore. 9843044109 hodeee@cit.edu.in
4.	Dr. K. Umamaheswari	Academic expert	Professor and Head, Department of Information Technology, PSG College of Technology, Coimbatore. 9443716852 hod.it@psgtech.ac.in

5. Nominees of the University

1.	Dr. N. Natchimuthu	Professor	Department of Rubber and Plastic Technology, MIT Campus, Anna University Chennai – 600 044 9444981996 nmuthu@mitindia.edu
2.	Dr. K. Ramesh	Professor and Head	Department of Mechanical Engineering, Government College of Technology, Thadagam Road, Coimbatore – 641 013 7598020676 kramesh@gct.ac.in,. kasimaniramesh@gmail.com
3.	Dr. K. Ruckmani	Professor	Department of Pharmaceutical Technology, University College of Engineering, Bharathidasan Institute of Technology Campus, Anna University, Tiruchirappalli– 620 024 98424 84568, 7708988511 hodpharma@gmail.com

6. Member Secretary

1.	Dr. M. Muthukumar	Professor	Mechanical Engineering

7. Student Member

1.	R. Nadhiya	Student Member	Electronics and Communication Engineering
2.	R. Aravind	Student Member	Computer Science and Engineering
3.	G. Arunachalam	Student Member	Information Technology
4.	D.V.Merlin Abinaya	Student Member	Mechanical Engineering

NANDHA ENGINEERING COLLEGE

(Autonomous Institution)

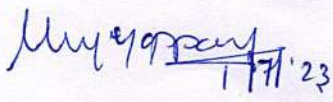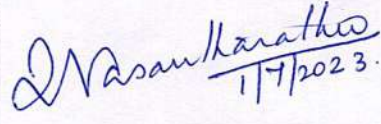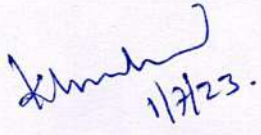Pitchandampalayam, Erode To Perundurai Road, Erode-638 052

ACADEMIC COUNCIL

Academic Year: 2022-23

Board	All Programmes	Meeting No.	11
Venue	Board Room	Date & Time	1st July 2023, 10.30 am

MEMBERS ATTENDED

Sl. No.	Members	Representation	Signature
1	**Dr. N. Rengarajan**, Principal Nandha Engineering College (Autonomous) Erode - 638052	Chairman	
2	Dr. N. Natchimuthu, Professor and Head Department of Rubber and Plastic Technology, MIT Campus, Anna University, Chennai – 600 044 Phone: 9444981996 nmuthu@mitindia.edu	University Nominee	01/07/2023
3	Dr. K. Ramesh, Professor and Head, Department of Mechanical Engineering, Government College of Technology, Thadagam Road, Coimbatore – 641 013 Phone: 7598020676 kramesh@gct.ac.in, kasimaniramesh@gmail.com	University Nominee	1/7/2023
4	Dr. K. Ruckmani, Professor, Department of Pharmaceutical Technology, University College of Engineering, Bharathidasan Institute of Technology Campus, Anna University, Tiruchirappalli – 620 024 Phone: 98424 84568, 7708988511 hodpharma@gmail.com	University Nominee	ONLINE ATTENDED

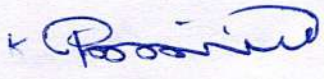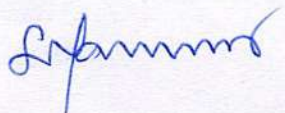| Sl.No.	Members	Representation	Signature
5	Mr. N. Lakshminarasimhan, *Sr.* General Manager (Personnel & HR), Brakes India Private Ltd., Padi, Chennai – 600 050 Phone: 9786662031 lakshminarasimhan.n@brakesindia.co.in	Expert from Industry	*Lakshmi 1/7/23*
6	Mr. N. Meyyappan, Founder and Managing Director, Top Freshers Technologies Private Limited, Poonamallee Road, Ramapuram, Chennai – 600 089 Phone: 9840044969 meyyappan@terv.pro	Expert from Industry	*Meyyappan 1/7/'23*
7	Dr. S. Vasantharathna, Professor and Head, Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology, Coimbatore-641014 Phone: 9843044109 hodeee@cit.edu.in	Expert from Other College (Academic Expert)	*S.Vasantharathna 1/7/2023*
8	Dr. K. Umamaheswari Professor and Head, Department of Information Technology, PSG College of Technology, Coimbatore- 641004. Phone: 9443716852 hod.it@psgtech.ac.in	Expert from Other College (Academic Expert)	*Umamaheswari 1/7/23.*

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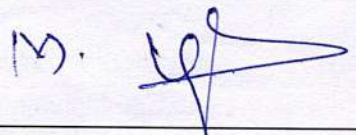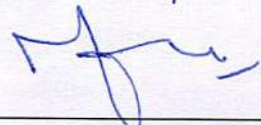
Pitchandampalayam post, Erode To Perundurai Road, Erode-638 052

ACADEMIC COUNCIL

Academic Year: 2022-23

INTERNAL MEMBERS

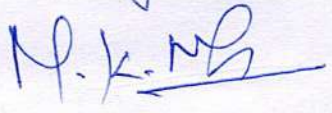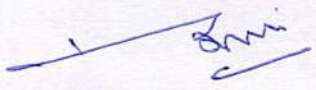| Sl. No.	Members	Representation	Signature
1	Dr. M. Dhipa Associate Professor & Head, Bio Medical Engineering	Head	
2	Dr.E.K. Mohanraj Professor & Head, Civil Engineering	Head	
3	Dr. S. Arumugam Professor, Computer Science and Engineering	Professor	
4	Dr. J. Senthil Professor, Computer Science and Engineering	Professor	
5	Dr. D. Vanathi, Professor & Head, Computer Science and Engineering, CSE (IOT)	Head	
6	Dr. S. Prabhu, Associate Professor & Head, Computer Science and Engineering (Cyber Security)	Head	
7	Dr. C. N. Marimuthu, Professor, Electronics and Communication Engineering	Professor	
8	Dr. S. Kavitha, Professor & Head, Electronics and Communication Engineering	Head	
9	Dr. G. Ramani, Professor & Head, Electrical and Electronics Engineering	Head	
10	Dr. M.Easwaramoorthi Professor & Head, Mechanical Engineering	Head	

11	Mr. K. Pradeep Kumar Assistant Professor & Head, Agriculture Engineering	Head	
12	Dr. N. Subramanian Professor & Head, Chemical Engineering	Head	
13	Dr. C. Siva Professor & Head, Information Technology & MCA	Head	
14	Ms. M.Parvathi, Assistant Professor & Head, Artificial Intelligence and Data Science	Head	
15	Dr. M. Vijayalakshmi Professor, Department of Chemistry	Professor	
16	Dr. V. Manimegalai Professor & Head, Master of Business Administration	Head	
17	Dr. M.K.Murthi	Associate Professor	
18	Dr. P. Kavitha,	Assistant Professor	LEAVE OF ABSENCE
19	Mr. R. Thiruneelakkandan	Assistant Professor	
20	Mr. P. Jaisankar	Assistant Professor	
21	Dr. M. Muthukumar Professor, Mechanical Engineering	Member Secretary	

Sl. No.	Members	Representation	Signature
1	R. Nadhiya	Student	R Nadhiya
2	R. Aravind	Student	Aravind
3	G. Arunachalam	Student	G.
4	D.V.Merlin Abinaya	Student	LEAVE OF ABSENCE

NANDHA ENGINEERING COLLEGE, ERODE - 638 052

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Approved by AICTE New Delhi)

Action Taken Report (ATR) – 9th Academic Council Meeting

No.	Description	Action Taken
1	Further, Dr. S. Renganathan suggested to use following software. ✓ Modeling and simulation- ASPEN and DWSIM ✓ Equipment design: HTRI ✓ Software for Fluid mechanics lab	✓ Conducted as One credit course for Chemical Engineering students. ✓ Other softwares will be purchased in the upcoming years.
2	Members suggested to modify the mission statement of the Institute.	✓ Undergoing Revision process
3	Dr. N. Rengarajan, Principal requested permission for conducting of online class, continuous assessment test and end semester examinations based on the guidelines of Anna University released time to time during COVID -19 pandemic.	✓ Examinations conducted as per Anna university guidelines.

Principal & Chairman - Academic Council

1