



**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

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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: <ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 9 th 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 9 th academic council was also noted by the members and approved.
ITEM 10.03	<ul style="list-style-type: none">• 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	<p>✓ 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:</p> <ul style="list-style-type: none">➤ 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

	<p>statements.</p> <ul style="list-style-type: none"> ➤ 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.
	<p>B.E. Biomedical Engineering (UG) 1st and 2nd Semesters (R22)</p> <p>Dr. P. Sukumar, Head, BioMedical Engineering, presented the curriculum and syllabi. One Credit Course: (Ratification - R17)</p> <ul style="list-style-type: none"> ✓ PCB Design ✓ Medical Equipments Trouble Shooting & Calibration
	<p>B.E. Civil Engineering & M.E. Structural Engineering 1st and 2nd Semesters (R22) - UG 1st and 2nd Semesters (R22) - PG</p> <p>Dr. E.K. Mohanraj, Head, Civil Engineering, presented the curriculum and syllabi. One Credit Course: (Ratification - R17)</p> <ul style="list-style-type: none"> ✓ Building Bye Laws
	<p>B.E. Computer Science and Engineering (UG & PG) 1st and 2nd Semesters (R22) - PG</p> <p>B.E. Computer Science and Engineering (Cyber Security) - UG 1st and 2nd Semesters (R22) - UG</p> <p>B.E. Computer Science and Engineering (Internet of Things) - UG 1st and 2nd Semesters (R22) - UG</p> <p>Dr. D. Vanathi, Head, Computer Science & Engineering presented the curriculum and syllabi. One Credit Course: (Ratification - R17)</p> <ul style="list-style-type: none"> ✓ Microsoft Azure
	<p>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</p>

	<p>Dr. C. N. Marimuthu, Prof. & Dean, Electronics and Communication Engineering briefed the contents of curriculum and syllabi. One Credit Course: (Ratification - R17)</p> <ul style="list-style-type: none"> ✓ PCB Design ✓ Embedded System Design using PLC Microcontroller
	<p>B.E. Electrical and Electronics Engineering (EEE) 1st and 2nd Semesters (R22) - UG</p>
	<p>Dr. G. Ramani, Head, Electrical and Electronics Engineering presented the contents of curriculum and syllabi.</p>
	<p>B.E. Mechanical Engineering (UG) & M.E. Engineering Design (PG) 1st and 2nd Semesters (R22) - UG 1st and 2nd Semesters (R22) - PG</p>
	<p>Dr. M. Eswaramoorthi, Head, Mechanical Engineering presented the contents of curriculum and syllabi. One Credit Course: (Ratification - R17)</p> <ul style="list-style-type: none"> ✓ Advanced Industrial Automation and Robotics ✓ Industrial Automation and Control (Scada & Hmi) ✓ Numerical Modeling of Physical Systems in the Virtual Domain using CFD
	<p>B.Tech. Agricultural Engineering 1st and 2nd Semesters (R22) - UG</p>
	<p>Mr. K. Pradeepkumar Head, Agricultural Engineering presented the presented the contents of curriculum and syllabi.</p>
	<p>B.Tech. - Artificial Intelligence and Data Science. 3rd and 4th Semesters (R17) - UG 1st and 2nd Semesters (R22) - UG</p>
	<p>Mrs. M. Parvathi, Head, Artificial Intelligence and Data Science presented the curriculum and syllabi. One Credit Course: (Ratification - R17)</p> <ul style="list-style-type: none"> ✓ R for Data Science ✓ Virtual Reality ✓ Game Programming ✓ Cloud AI Platform
	<p>B.Tech. Chemical Engineering (UG) 1st and 2nd Semesters (R22) - UG</p>
	<p>Dr. N. Subramanian, Head, Chemical Engineering presented the curriculum and syllabi.</p>
	<p>B.Tech. Information Technology (UG) 1st and 2nd Semesters (R22) - UG</p>
	<p>Dr. C. Siva, Head, Information Technology presented the contents of</p>

	<p>curriculum and syllabi. One Credit Course: (Ratification - R17) ✓ JQuery and Bootstrap</p>
	<p>Master of Computer Applications (MCA) Program Dr. E.K. Velligiriraj, Head, Master of Computer Applications presented the contents of curriculum and syllabi.</p>
	<p>Master of Business Administration (MBA) Dr. V. Manimegalai, Head, Master of Business Administration presented the contents of curriculum and syllabi.</p>
	<p>Science & Humanities Dr. M. Vijayalakshmi, Professor, Chemistry presented the contents of curriculum and syllabi.</p>
Resolution	<p>Academic council members resolved to approve the following:</p> <ul style="list-style-type: none"> ✓ 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	<p>Approval of the new academic regulation R22 (UG and PG) Amendments in Regulation R17 (UG and PG)</p>
Discussion	<p>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.</p>
Resolution	<p>Resolved to approve the academic regulations R22 and amendments in regulation R17.</p>
ITEM 10.05	<p>a) Presentation of results - UG & PG programmes</p> <ul style="list-style-type: none"> ➤ 2020-21 Even and 2021-22 Odd semester results ➤ Degree awarded (FC, FCD, Year wise, Degree wise, Program wise) <p>b) Report of Malpractice committed by the students in internal and end semester examinations.</p>

	<p>c) R17: List of debarred and rejoined students for UG and PG programmes during 2021-22</p> <p>➤ R17: Attendance shortage below 65%</p> <p>d) Details of one credit and online courses studied during 2021-22 academic year.</p>
Discussion	<p>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.</p> <p>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.</p>
Resolution	<p>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.</p>
ITEM 10.06	<p>New programme and variation in sanctioned intake (existing programmes)</p> <p>UG:</p> <ul style="list-style-type: none"> • B.E. - Computer Science and Engineering (Cyber Security) • B.E. - Computer Science and Engineering (Internet of Things) • B.E - Mechanical Engineering (variation in intake) <p>▪ PG: Structural, VLSI, ED and CSE (variation in intake)</p>
Discussion	<p>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.</p>
Resolution	<p>Resolved to note the details of modifications in intake and new programmes.</p>
ITEM 10.07	<p>Accreditation - NBA and NAAC</p>
Discussion	<p>Principal narrated the accreditation activities and preparations related to NAAC and NBA.</p> <ul style="list-style-type: none"> ▪ 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	<p>Members appreciated the efforts by the institution regarding the accreditation activities.</p>

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


20/8/22