



NANDHA ENGINEERING COLLEGE, ERODE - 638052

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

Minutes of the Meeting 7th Academic Council held on 15th JUNE 2019

The seventh meeting of the Academic Council was held on 15.06.2019 by 10.30 am at Board Room, Nandha Engineering College, Erode. The list of members attended the meeting is given in Annexure I and the following members could not attend the meeting.

- Mr. S. Ashok, Bureau of Energy Efficiency, Govt. of India, Coimbatore -641 035
- Mr. A. Muruganantham Associate General Manager, Hexaware, H5, SIPCOT IT Park, Navallur Post, Siruseri – 603 103

ITEM 7.01	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 nominated for the period 2018-19 to 2020-21. Further, he requested internal members to introduce themselves and briefed the Agenda items.
ITEM 7.02	Approval of the minutes of 6 th Academic Council meeting held on 23-06-18 & Action taken.
	Approval of the minutes of 7 th BoS meeting - All Programmes.
Discussion	Dr. N. Rengarajan, Principal & Chairman of the Academic Council read out the minutes of the 6 th meeting of Academic Council held on 23.06.2018 and explained the action taken report of the previous meeting (6 th Academic Council). Dr. Sridhar suggested to clarify answer script disposal with CoE of Anna University. The members appreciated the efforts taken by the college to implement the suggestions. Chairpersons of BoS of various programmes have presented the minutes of 7 th meeting of BoS and explained the salient feature.
Resolution	Noted the contents of the minutes of the 6 th Academic Council meeting held on 23-06-18 and resolved to approve the same. Action Taken Report (ATR) of the last academic council was also noted by the members and approved. Academic council approved the minutes of 7 th meeting of BoS of all the programmes of study.
ITEM 7.03	<ul style="list-style-type: none">• Mode of assessment for comprehension course under R17 Regulation.• Classification of the Degree awarded (Amendments R15: Clause 17.1 & 17.2)
Discussion	Members have extensively discussed about the existing assessment pattern of the comprehension course (R17) which was assigned with one credit and scope of offering the same under non credit mode and also to follow the classification of the Degree awarded as per Anna University.
Resolution	Resolved to approve the proposal of offering comprehension course under non credit and to follow the classification of the Degree awarded as per Anna University.

ITEM 7.04	Inclusion of mini project / industry internship as elective	
Discussion	Academic council members suggested not to compromise regular courses for internship, but one credit may be given.	
Resolution	Resolved to approve changes suggested by the expert members	
ITEM 7.05	Introducing a new question paper pattern for R17	
	Dr. C. N. Marimuthu Prof. Dean, Electronics and Communication Engineering presented a new question paper pattern for R17 in addition to the existing four patterns (R17, Clause 10.7) as follows, 10*2 marks = 20 marks & 5*16 marks = 80 marks.	
Discussion	Dr. S. Renganathan suggested to have Part-C in the proposed pattern; Part A : 10 x 2, Part B : 5 x 13, Part C : 1 x 15	
Resolution	Resolved to approve the question pattern	
ITEM 7.06	Presentation of curriculum and syllabi approved by respective BoS	
	7.06.01	Agriculture Engineering
Discussion	Dr. V. Geetha, HoD, presented the curriculum for all 8 semesters and syllabi Dr. K. Gunavathi suggested to change the course title "Storage and Packaging technique "as " Food Storage and Packaging technique " Dr. S. Renganathan suggested to add instrumentation analysis of food production.	
Resolution	Resolved to approve changes suggested by the expert members.	
	7.06.02	Bio Medical Engineering
Discussion	Dr. S.T.Sadishkumar, HoD, presented the curriculum for all 8 semesters and syllabi	
Resolution	Resolved to approve changes suggested by the expert members.	
	7.06.03	B.E. Civil Engineering:
Discussion	Dr. E.K. Mohanraj, Prof. & Dean, Civil Engineering, presented the curriculum Dr. N. V. Mahalakshmi suggested to add Computational Fluid Dynamics (CFD) as elective Course and suggested to have techniques for ground water improvements. Dr. S. Renganathan opined to have courses on Smart Materials.	
Resolution	Resolved to approve changes	

7.06.04	Computer Science and Engineering
Discussion	<p>Dr. S. Arumugam, Professor, Computer Science & Engineering presented the curriculum and syllabi.</p> <p>Dr. K. Gunavathi suggested to change the course title " Physics for Computer Engineers" and "Chemistry for Computer Engineers" and suggested to combine physics and chemistry single courses for all circuit branches.</p> <p>Dr. D. Sridharan suggested to add Big data in IoT</p> <p>Dr. N. V. Mahalakshmi proposed to include a new elective course on Heat Transfer and Hardware oriented courses.</p>
Resolution	Resolved to approve the changes suggested by the experts.
7.06.05	Electronics and Communication Engineering
Discussion	<p>Dr. C. N. Marimuthu, Prof. & Dean, Electronics and Communication Engineering briefed the contents of curriculum and syllabi.</p> <p>Dr. N. V. Mahalakshmi suggested to have " Python Programming" course in later semester instead of first semester for all programs.</p> <p>Dr. D. Sridharan recommended to add "Internet of Things " as an Elective course for all programmes.</p> <p>Dr. N. V. Mahalakshmi suggested to add automotive electronics as elective Course and suggested to include electronic cooling system</p> <p>Dr. K. Gunavathi proposed to include Statistical Theory of Communication as Program specific elective course.</p>
Resolution	Resolved to approve the changes suggested by the experts.
7.06.06	Electrical and Electronics Engineering
Discussion	<p>Dr. A. Satheesh, Prof. & Dean., presented the contents of curriculum and syllabi.</p> <p>Dr. N. V. Mahalakshmi suggested to add Thermodynamics as core course.</p>
Resolution	Resolved to approve changes
7.06.07	Mechanical Engineering
Discussion	Dr. M. Eswaramoorthi, Prof. & Dean, Mechanical Engineering presented the contents of curriculum and syllabi.
Resolution	Dr. N. V. Mahalakshmi suggested to change the course title as Renewable Energy instead of Non-Conventional Energy

7.06.08	Chemical Engineering
Discussion	<p>Prof. G. Mohankumar, HoD, Chemical Engineering presented the contents of curriculum and syllabi.</p> <p>Academic Council Members Suggested to add instrumental analysis course</p> <p>Dr. N. V. Mahalakshmi suggested to add Computational Fluid Dynamics (CFD)</p>
Resolution	Resolved to approve changes
7.06.09	Information Technology
Discussion	<p>Dr. C. Siva, Professor presented the contents of curriculum and syllabi.</p> <p>Dr. K. Gunavathi suggested to have common syllabus for Python course for all programs. Dr. Sridar and Dr. K. Gunavathi have suggested to have Digital Electronics and Microprocessor as two separate courses.</p>
Resolution	Resolved to approve the changes suggested by the experts.
7.06.10	Master of Computer Applications (MCA) Program
Discussion	Dr. C. Siva, Professor presented the contents of curriculum and syllabi.
Resolution	Resolved to approve the changes suggested by the experts.
7.06.11	Master of Business Administration (MBA)
Discussion	<p>Prof. N. Devaraj, Head, MBA presented the changes in the syllabi contents and requested approval for the following.</p> <ul style="list-style-type: none"> • two continuous assessments with 90 minutes duration, with 2.5 units coverage of all semesters except III semester. • Inclusion of Alumni students as co-guide for project. • Inclusion of students in BoS as members. <p>Dr. K. Gunavathi suggested to add "Optimization Technique" as one of compulsory course.</p>
Resolution	<p>Resolved to approve</p> <ul style="list-style-type: none"> • Changes in continuous assessment • Inclusion of students in BoS • Alumni can be included as members in BoS If he/she represents an industry

	7.06.12	S & H
	Discussion	Dr. V. Saraladevi Head (English) presented the curriculum and syllabi of S & H. Dr. K. Gunavathi suggested to add courses such as Random Variables, Random Process and Optimization Technique for all programmes.
	Resolution	Resolved to approve the changes
ITEM 7.07		<ul style="list-style-type: none"> • Presentation of results - UG programmes • 2017-18 Even semester and 2018-19 Odd semester results • Degree awarded (FC, FCD, Year wise, Degree wise, Program wise) • Report of Malpractice committed by the students in internal and end semester examinations. • R15: List of debarred and rejoined students for UG & PG programmes during 2018-19 academic year. • R17: Attendance shortage below 65 % • Details of one credit and online courses studied during 2018-19 academic year.
	Discussion	<ul style="list-style-type: none"> • Dr. S. Arumugam, Professor & CoE presented the results, Report of Malpractice, list of debarred students and shortage of attendance • Academic council members suggested to prepare bar chart for results, Report of Malpractice, list of debarred students and shortage of attendance
	Resolution	Reviewed and Recorded
ITEM 7.08		Offering Constitution of India and Essence of Indian Traditional knowledge in odd/even semesters as non credit courses
	Resolution	Resolved to approve the changes
ITEM 7.09		Any Other items:
	Resolution	Members suggested <ul style="list-style-type: none"> • to provide opportunity to the students to under internship program before six semester. • 60 % and 40% weight may be given to Laboratory courses for continuous assessment and end semester exams respectively.
ITEM 7.10		Vote of Thanks.
		Dr. C. N. Marimuthu, Member Secretary proposed the vote of thanks.

Date: 15-06-2019

N. Jayaraj

Principal & Chairman - Academic Council