

NANDHA ENGINEERING COLLEGE, ERODE – 638 052

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

Minutes of the 3rd Academic Council Meeting held on 20.06.2015

Name of the Body	Academic Council
Meeting No.	03
Date & Time	20.06.2015, 10.45 AM
Venue	Board Room Nandha Engineering College Erode – 638 052

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

Minutes of the 3rd meeting of Academic Council held on 20th June 2015

The third Academic Council Meeting was held on 20.06.2015 at 10.45 am in the Board Room, Nandha Engineering College, Erode. The list of members attended the meeting is given in **Annexure I**.

Items listed below were taken for discussion. The Minutes of the Meeting are as follows:

Item 3.01	Welcome & Introduction of Members	
	Dr. N. Rengarajan, Principal & Chairman of the Academic Council extended a warm welcome to the new members of Academic Council for the 3 rd Academic Council meeting and introduced the Nominees of the University Dr. S. Prabavathy and Dr. K. Natarajan. He also introduced the experts from outside the College Dr. S. Palaniswami, Dr. K. Sundareswaran, Dr. Partha Sarathi Mallickand, Mr. M. Saravakumaras well as internal members. Further, Chairman of the Academic Council appreciated the contributions and service rendered by the outgoing members.	
Item 3.02	To approve the minutes of the 2 nd meeting of Academic Council held on 13.05.14 & to report action taken on the minutes of the 2 nd meeting of Academic Council [Annexure – II].	
Discussion	Dr. N. Rengarajan, Principal & Chairman of the Academic Council presented the minutes of the 2 nd meeting of Academic Council and appraised the members about the action taken. The members appreciated the efforts made by the Institute to implement the suggestions given in the 2 nd meeting of Academic Council.	
Resolution	Resolved to approve the minutes of the 2 nd Academic Council meeting and Action Taken Report (ATR).	
Item 3.03	Presentation of Regulations	
	3.03.01	Amendments in Regulation R13
	Discussion	<p>Dr. M. Eswaramoorthi, Prof. & Dean, Mechanical Engineering, briefed about the proposed amendments in Regulation [R13]. At this juncture, Principal said that the amendments in Clause 5.1 (III), (V), 5.5, and new clauses 5.7, 5.8 & 5.9 are proposed to extend the benefits of Choice Based Credit System (CBCS) to the students who are studying under regulation R13 also.</p> <ul style="list-style-type: none">• Dr. K. Natarajan(PSG) suggested that the leading institutions may be referred while allotting credits to Extra-curricular activities. Further, he mentioned that a well-defined evaluation method for Extra-curricular activities should be evolved.• Dr. S. Prabavathy noticing the assessment pattern of Non-Credit courses such as LCD & VART suggested that comments like Very Good, Good & Satisfactory may be given as qualitative measure.• Mr. M. Saravanakumar (Robert Bosch) noticing the guidelines of one credit courses suggested that titles of the one credit courses should be on

		<p><u>latest/emerging technologies and more specific to real time application.</u></p> <ul style="list-style-type: none"> • Dr .S. Palaniswami (GCE) recommended that maximum <u>students' strength</u> for the one credit courses may be restricted so as to have better interaction with industry experts and explore the full benefits. 																													
Resolution		Approved the amendments in Regulation [R13] with suggestions to incorporate the above.																													
3.03.02		New Regulation R15 for UG from the academic year 2015-16 onwards																													
Discussion		<p>Dr. M. Eswaramoorthi, Prof. & Dean Mechanical Engineering, presented the contents of proposed New Regulation R15 which will be implemented for UG students admitted from the academic year 2015-16 onwards.</p> <ul style="list-style-type: none"> • Dr. K. Sundareswaran (NIT) & Dr. Partha Sarathi Mallick (VIT) have stressed the need for <u>giving importance to project guides</u> while awarding marks. • After long deliberation, Dr. K. Natarajan (PSG), Dr. K. Sundareswaran (NIT) & Dr. S. Prabavathy (Mepco) have suggested the <u>mark allocation scheme</u> as given below. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="3">CONTINUOUS ASSESSMENT- 50 Marks</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Review -1</td> <td>Guide</td> <td>10</td> <td rowspan="4">50</td> </tr> <tr> <td>Committee</td> <td>10</td> </tr> <tr> <td rowspan="2">Review -2</td> <td>Guide</td> <td>10</td> </tr> <tr> <td>Committee</td> <td>10</td> </tr> <tr> <td colspan="2">Attendance</td> <td>10</td> <td></td> </tr> </tbody> </table> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">END SEMESTER- 50 Marks</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Report</td> <td>10</td> <td rowspan="3">50</td> </tr> <tr> <td>Internal examiner</td> <td>20</td> </tr> <tr> <td>External examiner</td> <td>20</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Dr. K. Sundareswaran (NIT) noticing the guidelines of re-test (clause 8.2) suggested that the <u>valid reasons</u> due to which the students missed the Continuous Assessment Tests (CAT) should be specified. • Dr. K. Natarajan (PSG) suggested that the reasons may be specified like medical reasons (hospitalization / accident / specific illness) or participation in the College / University / State / National / International level sports events with prior permission from Principal. 	CONTINUOUS ASSESSMENT- 50 Marks			Total	Review -1	Guide	10	50	Committee	10	Review -2	Guide	10	Committee	10	Attendance		10		END SEMESTER- 50 Marks		Total	Report	10	50	Internal examiner	20	External examiner	20
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Resolution		Approved the New Regulation R15 for UG programmes with suggestions to incorporate the above.																													
3.03.03		New Regulation R15 for PG from the academic year 2015-16 onwards																													
Discussion		Dr. C. N. Marimuthu, Prof. & Dean (R & D), briefed the contents of proposed New Regulation R15 for PG which will be implemented from the academic year 2015-16 onwards.																													

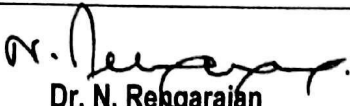
		<ul style="list-style-type: none"> Allotment of Project marks for Continuous & End semester assessments was discussed. After long deliberation, Dr. K. Natarajan (PSG), Dr. K. Sundareswaran (NIT) & Dr. Partha Sarathi Mallick (VIT) have suggested to revise the mark allocation scheme for projects as given below. 																														
	Discussion	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="3">CONTINUOUS ASSESSMENT- 50 Marks</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Review -1</td> <td></td> <td>15</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">50</td> </tr> <tr> <td>Review -2</td> <td></td> <td>15</td> </tr> <tr> <td>Supervisor</td> <td></td> <td>10</td> </tr> <tr> <td>Attendance</td> <td></td> <td>10</td> </tr> </tbody> </table> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="3">END SEMESTER ASSESSMENT – 100 marks (Reduced to 50 marks)</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Report Evaluation by External examiner</td> <td>20</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">100*</td> <td rowspan="3" style="text-align: center; vertical-align: middle;">50</td> </tr> <tr> <td rowspan="2">Viva voce</td> <td>Internal examiner</td> <td>50</td> </tr> <tr> <td>External examiner</td> <td>30</td> </tr> </tbody> </table> <p style="text-align: right; margin-right: 50px;">*Reduce to 50 marks</p>	CONTINUOUS ASSESSMENT- 50 Marks			Total	Review -1		15	50	Review -2		15	Supervisor		10	Attendance		10	END SEMESTER ASSESSMENT – 100 marks (Reduced to 50 marks)			Total	Report Evaluation by External examiner	20	100*	50	Viva voce	Internal examiner	50	External examiner	30
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	Resolution	Approved the New Regulation R15 for PG with suggestions to incorporate the above.																														
Item 3.04	Presentation of curriculum and syllabi approved by BoS																															
	3.04.01	B.E., Civil Engineering and M.E., Structural Engineering																														
	Discussion	Dr. E. K. Mohanraj, Prof. & Dean, Civil Engineering, presented the syllabi of 5 th and 6 th Semesters of B.E., Programme in Civil Engineering (for the batch of students admitted during the academic year 2013-14) and curriculum and syllabi of 1 st to 4 th semesters of M.E. Programme in Structural Engineering (to be effective from the academic year 2015-16 onwards).																														
	Resolution	The Academic Council considered and approved the recommendations of the Board of Studies.																														
	3.04.02	B.E., & M.E., Computer Science and Engineering																														
	Discussion	Dr. N. Shanthi, Prof. & Dean, Computer Science and Engineering, presented the syllabi of 5 th and 6 th Semesters of B.E., Programme in Computer Science and Engineering (for the batch of students admitted during the academic year 2013 -14) and curriculum and syllabi of 1 st to 4 th semesters of M.E. Programme in Computer Science and Engineering (to be effective from the academic year 2015 -16 onwards).																														
	Resolution	The Academic Council considered and approved the recommendations of the Board of Studies.																														
	3.04.03	B.E. Electronics and Communication Engineering M.E., Applied Electronics & M.E., VLSI Design																														
	Discussion	<ul style="list-style-type: none"> Dr. K. Kavitha, Prof. & Dean, ECE, presented the syllabi of 5th and 6th 																														

	<p>Semesters of B.E., Programme in ECE (for the batch of students admitted during the academic year 2013 -14).</p> <ul style="list-style-type: none"> • Dr. C.N. Marimuthu, Prof. & Dean (R & D) presented the curriculum and syllabi of 1st to 4th semesters of M.E. Programme in Applied Electronics & VLSI Design (to be effective from the academic year 2015 -16 onwards). <p><u>B.E., (ECE):</u></p> <ul style="list-style-type: none"> • Dr. K. Natarajan (PSG) opined that the laboratory course name MATLAB programming has to be changed without using commercial names of software packages. • Dr. Partha Sarathi Mallick (VIT) emphasized the need for introducing laboratory component in Virtual Instrumentation and Sensors & Transducers courses and suggested to add the same. <p><u>M.E., (AE & VLSI):</u></p> <ul style="list-style-type: none"> • Dr. K. Sundareswaran (NIT) felt that the content of Soft Computing (Elective) course seemed to be vast and suggested to modify the syllabus. • Dr. K. Sundareswaran (NIT) suggested that the course "Genetic Algorithm and its applications" be renamed as "Genetic Algorithm and Applications".
Resolution	Approved with suggestions to incorporate the above.
3.04.04	B.E. Electrical and Electronics Engineering M.E., Embedded Systems Technology & M.E., Power Electronics and Drives
Discussion	<p>Dr. A. Satheesh, Prof. & Dean, Electrical and Electronics Engineering, presented the syllabi of 5th and 6th Semesters of B.E., Programme in Electrical and Electronics Engineering (for the batch of students admitted during the academic year 2013 -14) and curriculum and syllabi of 1st to 4th semesters of M.E. Programme in Embedded Systems Technology & Power Electronics and Drives (to be effective from the academic year 2015 -16 onwards).</p> <ul style="list-style-type: none"> • Dr. K. Sundareswaran (NIT) suggested that standard books should be prescribed for theory subjects in M.E., Power Electronics and Drives. • Dr. Partha Sarathi Mallick (VIT) emphasized the need for including interfacing programs in "Advanced RISC Machines and Controllers" subject (M.E., EST) and recommended to add the same.
Resolution	Approved with suggestions to incorporate the above.
3.04.05	B. E., Electronics & Instrumentation Engineering
Discussion	<p>Prof. G. B. Mohankumar, Head, EIE presented the syllabi of 5th and 6th Semesters of B.E., Programme in Electronics & Instrumentation Engineering (for the batch of students admitted during the academic year 2013 -14).</p> <ul style="list-style-type: none"> • Dr. Partha Sarathi Mallick (VIT) suggested to add 32 & 64 bit micro-controllers in Microprocessor & Micro-controller theory course.
Resolution	Approved with suggestions to incorporate the above.

3.04.06	B.Tech., Information Technology
Discussion	<p>Dr. S. Arumugam, Professor/IT presented the syllabi of 5th and 6th Semesters of B.Tech., Programme in Information Technology (for the batch of students admitted during the academic year 2013 -14).</p> <ul style="list-style-type: none"> • All Members of Academic Council appreciated the initiatives of IT department for having industry oriented elective subjects. • Dr. K. Natarajan (PSG) emphasized the need for introducing Professional Ethics as core course. • Most of the members opined that the commercial names of software packages should not be used as course/laboratory name. Accordingly, Dr.S. Palaniswami (GCE) suggested to rename the subject title "Oracle" and "Oracle Laboratory" as Distributed and Object Oriented Database (both theory and Laboratory).
Resolution	Approved with suggestions to incorporate the above.
3.04.07	B.E. Mechanical Engineering & M.E., Engineering Design
Discussion	<p>Dr. M. Eswaramoorthi, Prof. & Dean, Mechanical Engineering presented the syllabi of 5th and 6th Semesters of B.E., Programme in Mechanical Engineering (for the batch of students admitted during the academic year 2013 -14) and curriculum and syllabi of 1st to 4th semesters of M.E. Programme in Engineering Design (to be effective from the academic year 2015 -16 onwards).</p> <p>B.E., Mechanical Engineering:</p> <ul style="list-style-type: none"> • Dr. K. Natarajan (PSG) suggested that Design, Thermal & Fluid Sciences, Manufacturing and Industrial Engineering subjects should be equally distributed in all semesters from 3rd to 7th and the same may be ensured. • Mr. M. Saravanakumar (Robert Bosch) felt that Value Engineering should be made as an open elective core course. <p>M.E., Engineering Design:</p> <ul style="list-style-type: none"> • Dr. K. Natarajan (PSG) felt that it would be appropriate to offer "Concepts of Engineering Design" course as a foundation course. Further, he insisted that the subject order of "Vibration Analysis & Control" in Second Semester and "Mechanical Behaviour of Materials" in First Semester may be changed if possible.
Resolution	Approved with suggestions to incorporate the above.
3.04.08	B.E./B.Tech. courses - Curriculum & Syllabi for first and second semesters under R15
Discussion	<p>Dr. M. Chandrasekharan, Prof. & Dean, Science and Humanities presented the Curriculum and Syllabi of 1st and 2nd Semesters of all B.E., /B.Tech. Programmes (for the batch of students go to be admitted from the academic year 2015-16 onwards).</p>

		<ul style="list-style-type: none"> • Dr. K. Natarajan (PSG) emphasized that UGC guidelines should be meticulously followed to implement the CBCS from 2015 -16 onwards. • After long deliberation, Dr. K. Natarajan (PSG), Dr. K. Sundareswaran (NIT) & Dr. S. Prabavathy (Mepco) have suggested to frame the curriculum & syllabi accordingly for the forth coming semesters.
Resolution		Approved with suggestions to incorporate the above.
3.04.09		Master of Computer Applications (MCA)
Discussion		Dr. S. Arumugam, Professor/IT presented the syllabi of 5 th and 6 th Semesters of MCA Programme under regulation [R13](for the batch of students admitted during the academic year 2013 -14) and 1 st and 2 nd semesters under regulation [R15] (to be effective from the academic year 2015 -16 onwards).
Resolution		Approved
3.04.10		Master of Business Administration (MBA)
Discussion		Mr. N. Devaraj Head, Master of Business Administration, presented the Curriculum and Syllabi of 1 st to 4 th Semesters of MBA Programme (for the batch of students goes to be admitted from the academic year 2015 -16 onwards). <ul style="list-style-type: none"> • Dr. K. Natarajan (PSG) expressed that that it will be appropriate to have an expert member from MBA specialization in the Academic council as special invitee.
Resolution		Approved
Item 3.05		Presentation of results, Malpractice & Debarred students: 2014-15
3.05.01		Examination results of all UG & PG Programmes.
Discussion		Dr. S. Arumugam, Professor & CoE presented the results of 1 st and 3 rd semesters of all UG courses and 1 st and 3 rd semesters of all PG courses.
Resolution		Reviewed and Recorded
3.05.02		Report of Malpractices
Discussion		Dr. S. Arumugam, Professor & CoE presented the report of Malpractice committed by the students in internal and end semester examinations
Resolution		Reviewed the punishments & Recorded
3.05.03		List of debarred students
Discussion		Dr. S. Arumugam, Professor & CoE presented the list of debarred students
Resolution		Recorded & Recorded
Item 3.06		Any other items- Nil
Item 3.07		VOTE OF THANKS
		Member Secretary proposed the vote of thanks

Date: 20.06.2015


 Dr. N. Renegarajan
 (Chairman, Academic Council / Principal)