

# THE NATIONAL INSTITUTE OF ENGINEERING, MYSORE

## Proceedings of 21<sup>st</sup> Academic Council Meeting of NIE held on December 16, 2017 (Saturday): 11 am

Agenda No.	Particulars
1	<p><b>To read and record the meeting notice:</b></p> <p><b>Dr. G Ravi, Principal</b>, welcomed the members and highlighted the major events that occurred from July 2, 2017 to December 16, 2017. The presentation was made by the Principal and the following events were highlighted.</p> <p><b>Meeting notice was read and recorded</b></p>
2	<p><b>To read and confirm the proceedings of the 20<sup>th</sup> Academic Council meeting held on July 1<sup>st</sup>, 2017</b></p> <p>Principal read the proceeding of the 20<sup>th</sup> Academic council meeting and apprised the members about the action taken.</p> <p style="text-align: center;"><b>Read and confirmed.</b></p> <p>-----</p> <p><b>Major events Since July 1<sup>st</sup>, 2017</b></p> <p>In the month of <b>July - 2017</b></p> <ul style="list-style-type: none"> <li>➤ Mr. Niroop Gunapathi from Cisco inaugurated the placement activities for the year 2017-18.</li> <li>➤ Interaction by our NBA internal committee members with <b>Prof. K. Ravindra</b>, Parks College of Engineering, Saint Louis, USA on the Outcome Based Education.</li> <li>➤ NIE-CREST conducted a one month workshop from July 25, 2017 to August 29, 2017 on "RE Integrated Microgrid" in association with WEMPEC, University of Wisconsin Madison, USA.</li> </ul> <p>In the month of <b>August - 2017</b></p> <ul style="list-style-type: none"> <li>➤ TEQIP III officers were nominated and the various nominees are:</li> <li>➤ <b>Dr. Yusuf Javeed</b>, Professor of Civil Engineering as In charge of Academic</li> <li>➤ <b>Dr. K M Subbaiah</b>, Professor of Industrial and Production Engineering as In charge of Finance</li> <li>➤ <b>Dr. Pradeepa H</b>, Professor of Electricals and Electronics Engineering as In charge of Procurement</li> <li>➤ TEQIP-III, grants of 7.5 Corers is sanctioned</li> <li>➤ Highlighted the "Freshman Day celebrations", Bio-fuel Celebrations and 7<sup>th</sup></li> </ul>

	<p style="text-align: center;">Graduation Day.</p> <p><b>In the month of September - 2017</b></p> <ul style="list-style-type: none"> <li>➤ Extension of the autonomous status from academic year 2017-18 to 2020-21 was received from UGC.</li> <li>➤ Two day workshop on building NIE tomorrow was conducted on 9<sup>th</sup> and 10<sup>th</sup> of September, 2017.</li> <li>➤ World Heart Day was celebrated on September 29, 2017, Dr. M Suresh Babu, Professor of Medicine JSS Hospital gave a lecture on prevention of heart disease</li> <li>➤ 2<sup>nd</sup> academic audit of all the Departments was carried out</li> </ul> <p><b>In the month of October - 2017</b></p> <ul style="list-style-type: none"> <li>➤ State level paper presentation competition on "Mechatronics &amp; Humatronics" organized by the Dept. of Mechanical Engineering. Chief guest Mr. Akinori Urakawa from Yaskawa Presided over the function.</li> <li>➤ 14 girl students from the Dept. of IPE and Mechanical Engineering were selected for Mercedes Benz scholarship of Rs one Lakh per year.</li> </ul> <p><b>In the month of November - 2017</b></p> <ul style="list-style-type: none"> <li>➤ Technical talks organized was by Civil Engineering and Mechanical Engineering.</li> <li>➤ "National Education Day" was celebrated.</li> <li>➤ NBA Committee visited for the accreditation for two PG Programmes in Hydraulics of Civil Engineering and Production Engineering and System Technology of Industrial and Production Engineering.</li> </ul>					
<b>3</b>	<p><b>To consider and approve:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center; vertical-align: top;"><b>a</b></td> <td> <p><b>Examination results of Odd semester 17-18</b></p> <p>Dr. T N Shridhar, Controller of Examinations (CoE) presented the semester wise result analysis of even semester 2016-17 from second semester to eighth semester of all UG Programme. And semester wise result analysis of even semester 2016-17 from second semester to fourth semester of all PG Programme is being announced.</p> </td> </tr> <tr> <td style="width: 5%; text-align: center; vertical-align: top;"><b>b</b></td> <td> <p><b>Revised curriculum from year 2018-19</b></p> <p>Dr. G S Suresh, Dean - AA (Academic Affairs).</p> <p>Dean -AA presented the revised curriculum for UG Programme from Academic year 2018-19. Major changes to be incorporated are</p> <ul style="list-style-type: none"> <li>➤ Introduction of MOOC elective in the fifth semester.</li> <li>➤ Industry driven electives with 2 credits in seventh semester</li> <li>➤ Introduction of open elective with 2 credits in seventh semester</li> </ul> </td> </tr> </table>	<b>a</b>	<p><b>Examination results of Odd semester 17-18</b></p> <p>Dr. T N Shridhar, Controller of Examinations (CoE) presented the semester wise result analysis of even semester 2016-17 from second semester to eighth semester of all UG Programme. And semester wise result analysis of even semester 2016-17 from second semester to fourth semester of all PG Programme is being announced.</p>	<b>b</b>	<p><b>Revised curriculum from year 2018-19</b></p> <p>Dr. G S Suresh, Dean - AA (Academic Affairs).</p> <p>Dean -AA presented the revised curriculum for UG Programme from Academic year 2018-19. Major changes to be incorporated are</p> <ul style="list-style-type: none"> <li>➤ Introduction of MOOC elective in the fifth semester.</li> <li>➤ Industry driven electives with 2 credits in seventh semester</li> <li>➤ Introduction of open elective with 2 credits in seventh semester</li> </ul>	
<b>a</b>	<p><b>Examination results of Odd semester 17-18</b></p> <p>Dr. T N Shridhar, Controller of Examinations (CoE) presented the semester wise result analysis of even semester 2016-17 from second semester to eighth semester of all UG Programme. And semester wise result analysis of even semester 2016-17 from second semester to fourth semester of all PG Programme is being announced.</p>					
<b>b</b>	<p><b>Revised curriculum from year 2018-19</b></p> <p>Dr. G S Suresh, Dean - AA (Academic Affairs).</p> <p>Dean -AA presented the revised curriculum for UG Programme from Academic year 2018-19. Major changes to be incorporated are</p> <ul style="list-style-type: none"> <li>➤ Introduction of MOOC elective in the fifth semester.</li> <li>➤ Industry driven electives with 2 credits in seventh semester</li> <li>➤ Introduction of open elective with 2 credits in seventh semester</li> </ul>					

- Mandatory Internship for 2 months compulsory during vacation.
- Long term internship for students to be extended for fast learners.
- Fast learner students are with CGPA  $\geq 9$ .
- Hence the fast learner students would skip the 9 credits which they have to earn through clearing the 3 elective courses, instead of which the students would earn 9 credits by continuing the internship throughout seventh semester i.e., 6 months.
- Also management and engineering economic courses to be made compulsory.
- Minor project with 2 credits in the seventh semester to be made compulsory.

**Mr. Achutha Bachalli**, opined that the students may fake the internship process hence to make it fool proof.

Dean -AA presented the revised curriculum for PG Programme from Academic year 2018-19. Major changes to be incorporated are

- Generally all core courses of PG are of 5 credits (4:2:0 or 4:0:2) expect for Mathematics and one core course in 2<sup>nd</sup> semester.
- Applied Mathematics of 4 credits in 1st semester in considered as core subject
- Minimum of one core subject of 5 credits in 1<sup>st</sup> and 2<sup>nd</sup> semester should have L:T:P of 4:0:2
- One open elective of 3 credits to be offered in 3<sup>rd</sup> semester.
- One management, economics etc., of 3 credits to be offered in 3rd semester.
- One industry driven elective of 2 credits to be offered in 1<sup>st</sup> semester
- One course on research methodology of 2 credits to be offered in 2<sup>nd</sup> semester.
- Internship of 8 weeks to be done during summer vacation.

Dr K V A Balaji pointed out to select, in house faculty to teach management subjects either from Mechanical or Industrial and Production Engineering Department.

Mr Srinath suggested that Finance subject can also be done same.

Dean -AA presented the revised curriculum for MCA from Academic year 2018-19. Major changes to be incorporated are

- Generally all courses of MCA are of 4 credits (4:0:0 or 3:2:0 or 3:0:2)
- Applied Mathematics of 4 credits in 1st semester is considered as core subject
- Two subjects Management, Economics etc., of 6 credits to be offered in 3rd and 4th semester
- One industry driven elective of 2 credits to be offered in 5<sup>th</sup> semester
- One course on research methodology of 2 credits to be offered in 5<sup>th</sup> semester

Finally the Dean said that the approval can be sought from University, but Dr K V A Balaji opined that there is no need to take approval from University.

		<b>Members approved for the revised curriculum.</b>
<b>4</b>	<b>To read and record</b>	
	<b>a</b>	<b>Graduation day ceremony details</b> Principal highlighted the seventh graduation day ceremony and mentioned the chief guest.
	<b>b</b>	<b>Training and placement activities and statistics of 2017-18 autonomous batch</b> <b>Dr H S Prasanna</b> , Placement officer, Prof. Dept of Civil Engg. Presented the various training carried out for placement activities. He also presented the placement statistics as on date along with the general and core companies visited. And the compensation offered was also highlighted.
	<b>c</b>	<b>Information about research publication</b> Publications details were highlighted by the Dean - AA department wise.  Members Mr Achutha Bachalli, Mr Sundaresh, Dr K V A Balaji and Mr Srinath suggested make research as major part of academics. Also they said to give incentives for faculty who contribute in the Journal at the international level. For which Principal agreed and said would be incorporated.  Mr Srinath said to encourage poster presentation to communicate the ideas.
<b>5</b>	<b>To ratify</b>	
	<b>a</b>	<b>Calendar of Academic events for the even semester 2017-18</b> Dean also highlighted the academic calendar and got approval for both UG and PG.
	<b>b</b>	<b>Correction in curriculum 2017-18 of department of Mechanical Engineering.</b> Rectifications of the credit in the Dept. of Mechanical Engineering were made in the credit balance for the subject for operations management, got approval from the BoS members.
	<b>c</b>	<b>Penalties imposed in examination malpractice cases.</b> CoE presented list of students indulged in malpractice during examination and explained the penalty imposed for malpractice cases with the details.  <b>Dr. K V A Balaji</b> suggested that imposing monetary penalty from malpractice students should be avoided. Instead different level of punishment should be taken uniformly, for which the CoE said that from the coming term onwards monetary penalty for malpractice students will be removed. But the punishment would be in the

		form of the reduction in the one grade. For D grade students it would be an exemption. For which <b>Dr. K V A Balaji</b> suggested to follow a general rule or else there would be a legal implications.
	<b>d</b>	<b>Equivalence of performance of transferred students.</b> CoE also highlighted the 15 students who were transferred from various colleges and admitted to NIE and their CGPA is worked out as per our academic regulations.
	<b>e</b>	<b>Proceedings of Academic review Committee (ARC)and Examination Review Committee(ERC)</b> Dean highlighted the ARC and ERC proceedings. In the ERC 'W' grading, 'WA' grading and 'WC' grading.  Dr K V A Balaji highlighted make common grading taking suggestion from various autonomous colleges.
<b>6</b>	<b>Any other Subject</b>	
	<b>a</b>	<b>Report on Academic Audit</b> Finally Principal highlighted the Academic Audit of various Departments and for which members appreciated the process of audit and the report generation from IQAC.
		Vote of Thanks was proposed by Dr T N Shridhar, he thanked all the academic members for their valuable suggestions and guidance, over two years for improvements in the academic and its process. Finally members also appreciated the process in which NIE was going through. And each member expressed their gratitude in return.