DEPARTMENT OF INDUSTRIAL ENGINEERING

ANNA UNIVERSITY: CHENNAI-25

Minutes of the Departmental Consultative Committee Meeting held on 20th April 2016 at 3.00 p.m. in the Chamber of HoD, Department of Industrial Engineering.

The Departmental Consultative Committee Meeting was held on 20th April 2016 at 3.00 p.m. in the Chamber of HoD, Department of Industrial Engineering.

The following Members were present :

1.	Dr.R.Raju, Professor and Head Dept. of Industrial Engineering, AU, Chennai	Convener
2.	Dr.L.Karunamoorthy, Chairman, Faculty of Mechanical Engg.	Member
3.	Dr.P.Hariharan, Professor and Head Dept. of Manufacturing Engineering	Member
4.	Dr.G.Arumaikkannu, Professor Dept. of Manufacturing Engineering	Member
5.	Dr.P.Shahabudeen, Professor Dept. of Industrial Engineering, AU, Chennai	Member
6.	Dr.T.Paul Robert, Professor Dept. of Industrial Engineering, AU, Chennai	Member
7.	Dr.P.Malliga, Professor Dept. of Industrial Engineering, AU, Chennai	Member
8.	Dr.T.Ramesh Babu, Professor Dept. of Industrial Engineering, AU, Chennai	Member
9.	Dr.R.Dillibabu, Associate Professor Dept. of Industrial Engineering, AU, Chennai	Member
10.	Dr.M.Rajmohan, Associate Professor Dept. of Industrial Engineering, AU, Chennai	Member
11.	Mr.K.Padmanabhan Panchu, Assistant Professor Dept. of Industrial Engineering, AU, Chennai	Member

HoD welcomed all the members.

The following Agenda was taken up for discussion:

Agenda : To suggest a laboratory course for the new PG programme Quality Engineering and Management to be offered under full-time from 2016-17 onwards.

The members actively participated in the meeting. Since the course is being offered currently in part-time mode, only one laboratory course is being offered in addition to the project work component. In the 237th Syndicate Meeting held on 01.10.2015 it was decided to introduce Quality Engineering Management in the full-time mode also. The existing curriculum and syllabi were approved to be followed for the new full-time programme. The course is intended to be introduced from the academic year 2016-17. The members felt that the full-time PG programme must have atleast two laboratory courses for improving the employability skill. Therefore the following additional Laboratory course is suggested.

1	Statistical Applications and Optimization lab	to be introduced in the first Semester

Based on the discussions the content of the syllabus for the laboratory subject is decided. The final version of the suggested syllabus along with the revised Curriculum is enclosed with this minutes.

It is requested that the suggested revised curriculum and syllabus may be placed before the ensuing Academic Council for approval please.

Dr. R.Raju
(Convener)

Dr.L.Karunamoorthy
(Member)

Dr.P.Hariharan
(Member)

Dr.G.Arumaikkannu
(Member)

Dr. P.Shahabudeen
(Member)

Dr.T.Paul Robert
(Member)

Dr. P Malliga
(Member)

Dr.T.Ramesh Babu
(Member)

Dr. R.Dillibabu
(Member)

Dr.M.Rajmohan
(Member)

Dr.K.Padmanaban Panchu
(Member)

STATISTICAL APPLICATIONS AND OPTIMIZATION LAB

L T P C
0 0 4 2

OBJECTIVES:

· To understand the theory better and apply in practice, practical training is given in the

following areas.

1. Development of simple programs for statistical analysis: frequency distribution, Applications of Graphics.(Charts, Graphs etc)
2. Descriptive Statistics
3. Simple and Multiple Regression
4. Use of statistical packages for factor analysis
5. Solving Linear Programming Problems
6. Solving Transportation and Assignment Models
7. Solving Network Flow Models
8. Solving Project Management Problems

TOTAL: 60 PERIODS

LABORATORY SOFTWARE REQUIREMENTS

1. TURBO C++ Software
2. LINDO Software
3. LINGO Software
4. TORA Software.
5. Excel Software