



Minutes of the BOS Meeting held on 21/04/2015

The Board of Studies (BoS) reviewed the courses recommended by Doctoral Review Committee for Pre-PhD course work pertaining to Ph.D - Chemical Engineering Programme.

The list of courses are given below:

- **ADVANCED CHEMICAL PROCESS EQUIPMENT DESIGN AND DRAWING**
- **ADVANCED PROCESS DYNAMICS AND CONTROL**
- **ADVANCED SEPARATION PROCESSES**
- **ADVANCED TRANSPORT PHENOMENA**
- **APPLIED NUMERICAL METHODS**
- **CHEMICAL PROCESS EQUIPMENT DESIGN**
- **CHEMICAL PROCESS SAFETY**
- **COMPUTATIONAL METHODS**
- **ENERGY MANAGEMENT**
- **ENZYME AND MICROBIAL TECHNOLOGY**
- **FERMENTATION TECHNOLOGY**
- **INTERFACIAL SCIENCE AND ENGINEERING**
- **MATHEMATICAL METHODS IN CHEMICAL ENGINEERING**
- **MEMBRANE TECHNOLOGY**

Following are the points discussed and resolutions made during this meeting:

1. The members recommended that, courses provides insight in chemical engineering concepts and challenges in the research and industry. Hence, the courses are useful to carry out research work in the area of chemical engineering.
2. Propose and approved detailed syllabus for Pre-PhD course work in Ph.D - Chemical Engineering programme with effect from the academic year 2015-16 onwards.

The members have approved the courses after thorough discussion

S.No	Name	Members	Signature
1	Mr. P. Bangariah, Associate Professor, HOD, Department of Chemical Engineering, VFSTR, Vadlamudi	Chairman BOS	
2	Dr. V. Madhusudhan Rao, Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
3	Mr. P. Ashok Kumar, Associate Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
4	Dr. G. Prabhakar, Professor, Department of Chemical Engineering, SVU College of Engineering, Tirupathi	Invited member	
5	Dr. M. Prasad Babu, Manager, R&D-DSB, NFCL, Hyderabad	Invited member	

**Recommendations of DRC members for Pre-PhD courses**

The members of Doctoral Review committee met on 19/03/2015 to propose the Pre-PhD courses suitable for course work pertaining PhD Programme in Chemical Engineering and allied Segments. The members have recommended the following pre-PhD Course work in the area of research of Chemical and allied Segments.

- **ADVANCED CHEMICAL PROCESS EQUIPMENT DESIGN AND DRAWING**
- **ADVANCED PROCESS DYNAMICS AND CONTROL**
- **ADVANCED SEPARATION PROCESSES**
- **ADVANCED TRANSPORT PHENOMENA**
- **APPLIED NUMERICAL METHODS**
- **CHEMICAL PROCESS EQUIPMENT DESIGN**
- **CHEMICAL PROCESS SAFETY**
- **COMPUTATIONAL METHODS**
- **ENERGY MANAGEMENT**
- **ENZYME AND MICROBIAL TECHNOLOGY**
- **FERMENTATION TECHNOLOGY**
- **INTERFACIAL SCIENCE AND ENGINEERING**
- **MATHEMATICAL METHODS IN CHEMICAL ENGINEERING**
- **MEMBRANE TECHNOLOGY**

Names and signatures of DRC Members

S.No	Name	Members	Signature
1	Mr. P. Bangariah, Associate Professor, HOD, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
2	Dr. V. Madhusudhan Rao, Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
3	Dr. G. Prabhakar, Professor, Department of Chemical Engineering, SVU College of Engineering, Tirupathi	Invited member	
4	Dr. M. Prasad Babu, Manager, R&D-DSB, NFCL, Hyderabad	Invited member	

HOD, Chemical Engineering



Minutes of the BOS Meeting held on 23/04/2016

The members of Board of Studies (BoS) outlined the course proposed by Doctoral Review Committee for Pre-PhD coursework refer to Ph.D - Chemical Engineering Programme.

The list of course is given below:

• **TECHNICAL TEXTILES**

Following are the points discussed and resolutions made during this meeting:

1. The BOS members directed that, the course imparts chemical engineering concepts and confronts into research field. Hence, the course is beneficial to carry out research work in the Chemical and allied industries.
2. Suggested and approved detailed syllabus to be offered in Pre-PhD coursework in Ph.D - Chemical Engineering programme with effect from the academic year 2016-17 onwards.

The members have approved the courses after thorough discussion

S.No	Name	Members	Signature
1	Dr. M. Ramesh Naidu, Associate Professor, HOD, Department of Chemical Engineering, VFSTR, Vadlamudi	Chairman BOS	
2	Dr. V. Madhusudhan Rao, Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
3	Mr. P. Ashok Kumar, Associate Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
4	Dr. G. Prabhakar, Professor, Department of Chemical Engineering, SVU College of Engineering, Tirupathi	Invited member	
5	Dr. M. Prasad Babu, Manager, R&D-DSB, NFCL, Hyderabad	Invited member	



Recommendations of DRC members for Pre-PhD courses

The member(s) of Doctoral Review committee convened on 22/03/2016 to suggest the Pre-PhD courses suitable for internal faculty from Textile Technology Division. The members have endorsed the following pre-PhD Course work in the Chemical and allied Segment area of research.

- **TECHNICAL TEXTILES:** Textiles other than apparel use considered to be technical textiles and finds its application in agriculture, automobile, Aerospace, civil, and packaging etc.

Names and signatures of DRC Members

S.No	Name	Members	Signature
1	Dr. M. Ramesh Naidu, Associate Professor, HOD, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
2	Dr. V. Madhusudhan Rao, Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
3	Dr. J. Hayavadana Professor, Department of Textile Technology, OUCT, Hyderabad	Invited member	
4	Dr. M. Prasad Babu, Manager, R&D-DSB, NFCL, Hyderabad	Invited member	

HOD, Chemical Engineering



Minutes of the BOS Meeting held on 27/04/2017

The Board of Studies (BoS) reviewed the courses recommended by Doctoral Review Committee for Pre-PhD coursework pertaining to Ph.D - Chemical Engineering Programme.

The list of courses are given below:

- **STRUCTURE MECHANICS OF FIBERS, YARNS AND FABRICS**
- **PHYSICAL PROPERTIES OF TEXTILE FIBERS**
- **NON WOVEN TECHNOLOGY**
- **MODELING AND SIMULATION OF CHEMICAL PROCESSES**
- **OPTIMIZATION TECHNIQUES**
- **PARTICULATE TECHNOLOGY**
- **PETROLEUM REFINERY PROCESSES**
- **POLYMER ENGINEERING**
- **REACTION ENGINEERING AND REACTOR DESIGN**
- **SEPARATION METHODS & ANALYTICAL TECHNIQUES**

Following are the points discussed and resolutions made during this meeting:

1. According to the suggestion given by the BOS members several new courses are include. The members recommended that, these courses extensively delivers chemical engineering concepts and challenges in several research area. Hence, the courses are constructive to accomplish research work in the area of chemical engineering.
2. Propose and approved detailed syllabus for Pre-PhD course work in Ph.D - Chemical Engineering programme with effect from the academic year 2017-18 onwards.

The members have approved the courses after thorough discussion

S.No	Name	Members	Signature
1	Dr. Krishna C Etika, Associate Professor, HOD, Department of Chemical Engineering, VFSTR, Vadlamudi	Chairman BOS	
2	Dr. M. Ramesh Naidu, Associate Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
3	Mr. P. Ashok Kumar, Associate Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
4	Dr. G. Prabhakar, Professor, Department of Chemical Engineering, SVU College of Engineering, Tirupathi	Invited member	
5	Dr. M. Prasad Babu, Manager, R&D-DSB, NFCL, Hyderabad	Invited member	



Recommendations of DRC members for Pre-PhD courses

The Doctoral Review committee members gathered on 24/03/2017 to confer the Pre-PhD courses suitable for course work concerning to PhD Programme in Chemical and allied Segments. The members have recommended the following course for pre-PhD Course work in the Chemical and allied Segment area of research.

- **STRUCTURE MECHANICS OF FIBERS, YARNS AND FABRICS**
- **PHYSICAL PROPERTIES OF TEXTILE FIBERS**
- **NON WOVEN TECHNOLOGY**
- **MODELING AND SIMULATION OF CHEMICAL PROCESSES**
- **OPTIMIZATION TECHNIQUES**
- **PARTICULATE TECHNOLOGY**
- **PETROLEUM REFINERY PROCESSES**
- **POLYMER ENGINEERING**
- **REACTION ENGINEERING AND REACTOR DESIGN**
- **SEPARATION METHODS & ANALYTICAL TECHNIQUES**

Names and signatures of DRC Members

S.No	Name	Members	Signature
1	Dr. Krishna C Etika, Associate Professor, HOD, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
2	Dr. M. Ramesh Naidu, Associate Professor, Department of Chemical Engineering, VFSTR, Vadlamudi	Internal Member	
3	Dr. G. Prabhakar, Professor, Department of Chemical Engineering, SVU College of Engineering, Tirupathi	Invited member	
4	Dr. M. Prasad Babu, Manager, R&D-DSB, NFCL, Hyderabad	Invited member	

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