J. C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA, FARIDABAD
MECHANICAL ENGINEERING DEPARTMENT

Sub: Minutes of DRC meeting held on 18/11/2022 at 3:00 PM in the Conference Hall of the Mechanical Engineering department.

Following committee members were Present:

(1) Dr. Raj Kumar, Chairman
(2) Dr. Sandeep Grover, Professor
(3) Dr. M.L. Agarwal , Professor
(4) Dr.Tilak Raj, Professor
(5) Dr. Vikram singh, Professor
(6) Dr. Arvind Gupta, Professor
(7) Dr. Hari Om, Professor
(8) Dr. Lakwinder singh, Professor
(9) Dr. Sanjeev Kumar, Professor
(10)Dr. Vasdev Malhotra, Professor
(11)Dr. Sandhya Dixit, Associate Professor
(12)Dr. Rajesh Attri, Assistant Professor
(13)Dr. Krishan Kumar Verma, Assistant Professor
(14)Dr. Nikhil Dev, Assistant Professor
(15)Dr. Bhupender Singh, Assistant Professor
(16)Dr. Shefali Trivedi, Assistant Professor
(17)Dr.Nitin Panwar, Assistant Professor

Dr. Vikas Kumar and Dr. Sanjeev Goyal could not attend the meeting.

At the outset Dr. Raj Kumar, Chairman welcomed all the members. After that the agenda note was taken up and following decisions were taken:-

Item No.	Detail of item
DRC/ 01	**To allot PhD Supervisors to Mr. Abdul Quaiyoom admitted in AICTE Doctoral Fellowship Ph.D Program odd semester 2022-23.**

As per information received from R & D Cell, the one candidate has been admitted in PhD course in Mechanical Engineering Department through AICTE Doctoral Fellowship Ph.D Program odd semester 2022-23.

The details of PhD candidate are given below :

Sr. No.	Name of Candidate	Application No.	Category
1	Abdul Quaiyoom	22070011110041	ROHC

After discussion, DRC Committee members allotted the supervisors to Mr. Abdul Quaiyoom as follow:

Sr. No.	Name of Candidate	Application No.	Category	Supervisors
1	Abdul Quaiyoom	22070011110041	ROHC (Full Time)	Dr. Nikhil Dev(Supervisor) Dr. Bhupender Singh (Co Supervisor)

DRC/ 02 **To Cancel the PhD admission of following candidates:**

1. **Mr. Reshu Sharma, Research Scholar of Dr. Rajesh Attri and Dr. O.P.Mishra**
2. **Mr. Vipin Sharma, Research Scholar of Dr. Lakwinder Singh and Dr. Bhupender Singh**

After discussion, DRC Committee considered and recommended that the cancellation of PhD registration as per the PhD ordinance (cancellation rules are attached) of following candidates:

1. **Mr. Reshu Sharma, Research Scholar of Dr. Rajesh Attri and Dr. O.P.Mishra**
2. **Mr. Vipin Sharma, Research Scholar of Dr. Lakwinder Singh and Dr. Bhupender Singh**

10. Cancellation Rules

(i) If the candidate is not able to submit the fees, the accounts section should send his/her name to the respective department and department will issue a letter to the candidate. If the candidate will not submit fees after two consecutive semesters his/her name may be stuck off from the rolls of University after the recommendation of chairman and supervisor.

(ii) If the candidate fails to submit his/her progress report after every semester, after two consecutive such semesters, DRC may recommend the cancellation of admission.

(iii) In case two consecutive six monthly reports are unsatisfactory, DRC may recommend for cancellation of the registration.

(iv) If the supervisor feels that the candidate lacks interest and motivation for research after completion of course work, he can recommend his/her case to the DRC and DRC can recommend for cancellation of admission.

Finally, the Academic Council, on the recommendation of the DRC, may cancel the registration of a research scholar.

11. Allocation of Supervisor/Co-Supervisor

(i) Research Supervisor/Co-supervisor who is a Professor, at any given point of time, cannot guide more than Eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can

Approved in 20th Academic Council Meeting dated 31/08/2020

IQAC

DRC/ 03 **It was informed that the Ph.D. presentation and half-yearly report submitted in Mechanical Engineering Department for session " March 2022 to August 2022' on 17/10/2022. The following candidates presented their presentation of progress report:,**

S. N.	Name of Research Scholar	Registration no.	Topic of Research	Name of Supervisor	Name of Co-supervisor with affiliation
1	Vimleh ojha	YMCAUST/PHME03/2020	Data Driven Decision Making in Advance Manufacturing Systems	Dr. Sanjeev Goyal	Dr. Mahesh Chand
2	Mr.Girendradr Bhati	19 YMCA910004	Effect of Process Parameters of Hydroxyapatite/Alumina Nano-Composite Castings Produced by Hybrid Freeze Casting	Dr. Vikram	Dr. Sanjeev Kumar

			Process		
3	Mr. Nitin kumar Chauhan	19 YMCA910006	System Integration With Digital Supply Chain Management	Dr. Vikas Kumar	Dr. Sandhya Dixit
4	Mr. Praveen	11 –YMCAU-640	Investigating the Properties of 3D Printed Thermosetting Reinforced Thermoplastic composite	Dr. Rajeev Saha	Dr. Sandeep Grover
5	Mr. Kapil Dev	19 YMCA910005	Mechanical and Tribological Analysis of Friction Stir Welded Joints of Dissimilar Metal	Dr. Hari Om	Dr. Tilak Raj

DRC/ 04 **To inform the DRC members about the Research Advisory Committee (RAC) constitutions of following Ph.D. Scholars admitted in session 2020-21 and 2021-22.**

It was informed to DRC members that RAC was constituted for the following PhD Scholars, admitted in session 2020-21 and 2021-22. DRC members noted the same.

Name	Research Title	Date of RAC	RAC External Members	Supervisor	Co Supervisor	Other members of RAC
Mr. Sumit Singh	FDM Fabrication and process parameters optimization for thermoplastic polymer blend with nanoparticles	12/21/2021	Dr. Zahid A Khan, Professor - Mechanical Engineering, JMI Delhi	Dr. Rajesh Kumar Attri	Dr. Shefali Trivedi	Prof. Sanjeev Kumar, Dr. Sonia Bansal

Mr. Saswat Kumar Das (Interdisciplinary)	Analysis and Optimization Strategies for Effective Implementation of Digital Supply Chain in Manufacturing Industries	2/17/2022	Dr. Nishtha (Bharti College, Delhi University)	Dr. Shefali Trivedi	Prof. Anupama Mahajan (Bharti College, Delhi University)	Prof. M.L. Aggarwal, Dr. Rajeev Kumar Saha
Mr. Shivam Aggarwal	Investigation of Composite Material Leaf spring in Automotive Suspension System	5/30/2022	Dr. Vinkel Kumar Arora	Dr. Krishan Kumar	Prof. M.L. Aggarwal	Prof.Vikas Kumar, Prof. C.K. Nagpal
Mr. Abhishek Bhardwaj	An Experimental Investigation and Performance Analysis of Passive Pyramid Solar Still	11/10/2022	Prof. Akhilesh Arora, DTU, Delhi	Prof. Raj Kumar, JCBUST, YMCA, Faridabad	Dr. Nitin Panwar, JCBUST, YMCA, Faridabad	Prof. Arvind Gupta, Dr. Sonia Bansal
Mr. Surender Singh	Investigations of green initiatives and trends in automobile sector	10/05/2021	Dr. Mahendra Singh Niranjan, Associate professor,DTU Delhi	Dr O P Mishra	Dr Krishan Kumar	Prof Rajkumar
Mr. Rohit	Integration of circular economy and industry 4.0 technologies in sustainable manufacturing system.	8/29/2022	Dr. Aashish Assarwal	Dr. Mahesh Chand	Dr. Sandhya Dixit	Dr. OP Mishra

The meeting ended with a vote of thanks to Chair.