



**J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana**  
(A Haryana State Government University)  
(Established by Haryana State Legislative Act No. 21 of 2009 & Recognised by UGC Act 1956 u/s 22 to Confer Degrees)  
Accredited 'A+' Grade by NAAC

## Department of Computer Engineering

Ref No. PhD/2024-25/DRC/

Date: 22-11-2024

**Sub: Minutes of Departmental Research Committee (DRC) meeting held on 22-11-2024 at 10:00 A.M. in the Conference Room of the Computer Engineering Department.**

**1. To consider and approve the registration of Ph. D Scholars admitted in 2023-24**

The following Ph.D scholars admitted in 2023-24 have completed their course work successfully. They presented their synopses for the work to be done in their Ph.D before the Student Advisory Committee (SAC) constituted for them. The DRC endorsed the comments of SAC and recommends them for Ph.D registration in the university.

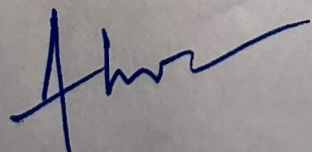
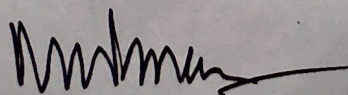
S.No	Name of the Scholar	Topic of Research	Name of Supervisor
1	Renuka (Solanki) Arya (23001902002)	Adaptive Route Prediction and Recommendation System for Efficient Transportation	Dr. Neelam Duhan (Associate Prof, CE)
2	Jyoti Chutani (23001902001)	Intelligent Traffic Management System using Emerging Technologies	Dr. Parul Gupta (Associate Prof, CE)

**2. To consider the Bi-Annual Progress Report of Ph.D Scholars registered during the academic years 2017-18, 2018-19, 2019-20, 2020-21 for the period from April, 2024 to Sept, 2024.**

The DRC committee went through the agenda and approved Bi-Annual Progress Reports of the following Ph.D. Scholars registered in the Computer Engineering department during the years, 2017-18, 2018-19, 2019-20, 2020-21 for the period from April, 2024 to Sept, 2024.



Name of the Candidate	Registration No.	Thesis Title	Guide	Batch
Simmi Chawla	18-YMCA-902005	Design and Development of Architecture for Interoperability in Heterogeneous IoT Environment.	Dr. Parul Tomar, Dr. Sapna Gambhir	2018-19
Jyoti Nanwal	14-YMCAU-579	Design of an Integrated Model Using Machine Learning Techniques for Enhancing Agricultural Yield	Dr. Preeti Sethi	July 2019
Sunil Kumar	19-YMCA-902024	Machine Learning Based Diagnostic System for Identifying Lung Diseases Using Imaging Modality	Dr. Harish Kumar	Dec. 2019
Manisha Mudgal	19-YMCA-902019	Design of Multiple Anomalous Activity Detector in Real Time	Dr. Deepika Dr. Anuradha Pillai	Dec 2019
Bhawna Wadhwa	20-YMCA-902002	Optimization of Security in Big Data	Dr. Parul Tomar	July 2020
Kumari Deepika	20-YMCA-902006	Design of an Optimal Multimodal Biometric Recognition System	Dr. Deepika Punj, Dr. Jyoti	July 2020
Ashima Garg	18-YMCA-507002	Design and Development of Smart Surveillance System for Wide Area Monitoring and Event Detection	Dr. Sonali Gupta, Dr. Payal Gulati	July 2020
Karuna Kaushik	YMCA/PhD/21/0602	Understanding and Implementing Method to Handle Data Skewness	Dr. Rewa, Dr. Amreek	July 2021
Piyoush Kumar	YMCA/PhD/21/0163	Development of a System for Real Time Detection of Threat Objects	Dr. Amita	July 2021



Juhi Pruthi	YMCA/PhD/21/0082	Computational Analysis of the Impact of Electromagnetic Radiation on the Ecology of Urban and Rural Areas	Dr. Ashutosh Dixit	July 2021
Neha Kaushik	20-YMCA-902008	Using Machine Learning to Improve QoS in Microservices Architecture	Dr. Harish Kumar	July 2020
Mansi Mathur	20-YMCA-902007	An Integrated Service Model to Support Secure QoS Routing in Opportunistic Networks	Dr. Jyoti, Dr. Poonam	July 2020
Shikha Arora	YMCA/PHP/21/0512	Prediction, Detection And Analysis Of Poly Cystic Ovary Syndrome (Pcos) Using Machine Learning	Dr. Vedpal	July 2021

**3. To decide the course of action who have not submitted their progress reports and contacted/met their Ph.D guides since last two year**

Following is the list of the candidates who did not appear for their progress report and have not contacted/met their Ph.D guides: -

S.No	Name Of The Candidate	Registration Number
1	Ms. Mamta Mahiya	14-YMCAU-563
2	Ms. Dipti Goel	19-YMCA-902001
3	Ms. Disha Garg	19-YMCA-902002
4	Ms. Shilpi	19-YMCA-902023
5	Ms. Alka Choudhary	19-YMCA-902016
6	Ms. Archana Das	YMCA/PHP/21/0939

DRC suggested issuing warning letter/emails to these scholars.

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**4. To inform the committee about the Scholars who were absent on the dates of their progress presentation**

Following Ph.D scholars were absent on the day of their Progress presentation for the duration April 24 to Sept 24

S.No	Name Of The Candidate	Registration Number
1	Ms. Sushmita Singh	14-YMCAU-563
2	Ms. Ketna Khanna	14-YMCAU-556
3	Monika Gupta (Part Time)	15-YMCAU-555
4	Vishal Gupta (Part Time)	19-YMCA-902013
5	Ayushi	19-YMCA-902014
6	TAMANNA SACHDEVA	15-YMCAU-543
7	RAJESH KUMAR	19-YMCA-902021
8	ESHA KHANNA	19-YMCA-902018
9	SANDEEP KUMAR VISHWAKARMA	19-YMCA-902022
10	VIJAY KUMAR	YMCA/PHP/21/0590
11	RENU SINGH	YMCA/PHP/21/0210
12	Yogesh	15-YMCAU-436
13	PUSHPA BHARTI SINGH	YMCA/PHP/21/0726
14	TAMANNA	20-YMCA-902010
15	GAGAN THAKURAL	YMCA/PHD/20/0495

The DRC Committee viewed their absenteeism seriously

**5. To inform the committee about the Ph.D scholars whose progress presentation was not accepted by DRC/SAC Committee.**

Following is the list of the Ph.D Scholars who gave their progress presentation for the period March 24 to September 24 but the DRC/SAC Committee have withhold their progress presentation and recommended the scholars to publish their work in reputed journals before presenting their 6<sup>th</sup> progress presentation.

*Atul*

*Nishu*

S.No	Name Of The Candidate	Registration Number
1	Mr. Piyush Gupta	19-YMCA-902009
2	Ms. Jyotsana Parmar	14-YMCAU-548
3	Ms. Raveena Aggarwal	19-YMCA-902015
4	Mr. Bijoy	19-YMCA-902017

The committee endorsed the suggestions of the progress review committee

**6. To consider and approve the case of Mr. Yogesh Kumar (Registration No. 15-YMCAU-436), Ph.D scholar in the Department of Computer Engineering for conversion of Full time Ph.D into Part time Ph.D.**

Mr. Yogesh Kumar Singh, Ph.D scholar of the department has submitted his application for conversion from full time Ph.D into part time Ph.D. The committee discussed the matter and decided to recommend his case for conversion from full time Ph.D into part time Ph.D in accordance with Ph.D Ordinance of the University.

**7. To consider and approve the case of De-Registration of Ms. Nisha Jha (15-YMCAU-537)**

As per the request submitted by Ms. Nisha Jha, Ph.D. Scholar through e-mail and consent of her supervisor Dr. Rashmi Popli, DRC approved the de-registration of Ms. Nisha Jha from Ph.D and decided to forward the case to R&D for further processing.

**8. To consider the Maternity Leave of Ms. Pushpa Bharti (21001902007)**

Ms. Pushpa Bharti, Ph.D Scholar in the department has applied for Maternity Leave from August 30<sup>th</sup> 2024 to 27<sup>th</sup> April 2025. The committee recommended her case for grant of maternity leave in accordance with Ph.D ordinance of the University.

**9. To inform the house about the colloquium Series of Doctoral Students of Faculty of Informatics and Computing.**


The DRC Members were informed about the colloquium Series of Doctoral Students initiated by Faculty of Informatics and Computing. The calendar for the same was also presented before the committee. The motive of the






colloquium series is to provide the platform for the doctoral students wherein they can present their research, share ideas, and receive constructive feedback from peers and faculty.

The meeting ended with thanks to the chair.

  
(Dr. Parul Tomar)

  
(Dr. Parul Gupta)

  
(Dr. Neelam Duhan)

(On Leave)  
(Dr. Ashutosh Dixit)

  
(Dr. Komal Kumar Bhatia)

(On Leave)  
(Dr. Naresh Chauhan)

  
(Dr. C. K Nagpal)

  
**Chairman CE**  
Professor and Chairman  
Dept. of Computer Engineering  
J.C. Bose University of Science and Technology  
YMCA, Faridabad