

Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Department of Mathematics

Minutes of the Meeting

Date: 09/02/2024

A meeting of the Departmental Research Committee (DRC) in hybrid mode has been conducted on 09/02/2024 at 11 AM onwards. The following members are present in the meeting:

- 1) Dr. J. P. Jaiswal, Chairman, DRC
- 2) Prof. L. P. Singh, External Subject Expert, DRC
- 3) Prof. A.S. Ranadive, Member DRC
- 4) Dr. D. Gopal, Member DRC
- 5) Dr. B. B. Chaturvedi, Member DRC
- 6) Dr. K.N.V.V.V. Prasad, Member DRC

In the hybrid mode meeting the following points have been concluded:

1. a) Six monthly progress reports (duration 28/07/2022 to 27/01/2023 & 28/01/2023 to 27/07/2023) of the research scholar Kunj Bihari Kaushik (working under the supervision of Dr. B. B. Chaturvedi) is approved by the concerned RAC on 07/02/2023 & 16/11/2023, respectively and submitted his application on 22/12/2023 to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- b) Six monthly progress report (duration 14/04/2023 to 13/10/2023) of the research scholar Prabhawati Bhagat (working under the supervision of Dr. B.B. Chaturvedi) is approved by the concerned RAC on 30/11/2023 and submitted her application on 06/12/2023 to put her case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- c) Six monthly progress report (duration 28/01/2023 to 27/07/2023) of the research scholar Pusplata Sahu (working under the supervision of Prof. P. P. Murthy) is approved by the concerned RAC on 11/10/2023 and submitted her application on 05/12/2023 to put her case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- d) Six monthly progress report (duration 14/04/2023 to 13/10/2023) of the research scholar Dolly Dewangon (working under the supervision of Prof. P. P. Murthy) is approved by the concerned RAC on 09/11/2023 and submitted her application on 05/12/2023 to put her case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- e) Six monthly progress report (duration 28/01/2023 to 27/07/2023) of the research scholar Chandra Prakash Dhuri (working under the supervision of Prof. P. P. Murthy) is approved by the concerned RAC on 15/09/2023 and submitted his application on 22/12/2023 to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- f) Six monthly progress report (duration 14/04/2023 to 13/10/2023) of the research scholar Deepak Kumar (working under the supervision of Dr. Brijendra Paswan) is approved by the concerned RAC on 10/11/2023 and submitted his application on 28/11/2023 to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- g) Six monthly progress report (duration 14/04/2023 to 13/10/2023) of the research scholar Nishant Kumar (working under the supervision of Dr. J. P. Jaiswal) is approved by the concerned RAC on 28/11/2023 and submitted his application on 06/12/2023 to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- h) Six monthly progress reports (duration 14/10/2022 to 13/04/2023 & 14/04/2023 to 13/10/2023) of the research scholar Vineeta Chandra (working under the supervision Dr. Uma Devi Patel) is approved by the concerned RAC on 14/07/2023 & 29/11/2023

and submitted her application on 20/07/2023 & 30/11/2023, respectively to put her case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.

- i) Six monthly progress report (duration 16/12/2022 to 15/06/2023) of the research scholar Abhishek Kumar Rath (working under the supervision of Prof. A. S. Ranadive) is approved by the concerned RAC on 09/11/2023 and submitted his application on 26/12/2023 to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- j) Six monthly progress report (duration 16/12/2022 to 15/06/2023) of the research scholar Manas Singh Sakarwar (working under the supervision of Prof. A. S. Ranadive) is approved by the concerned RAC on 09/11/2023 and submitted his application on 26/12/2023 to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- k) Six monthly progress report (duration 28/01/2023 to 27/07/2023) of the research scholar Sakshi Dev Pandey (working under the supervision of Prof. A. S. Ranadive) is approved by the concerned RAC on 15/09/2023 and submitted his application on 22/12/2023 to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- l) Six monthly progress report (duration 16/12/2022 to 15/06/2023) of the research scholar Abha Sahu (working under the supervision of Dr. M. K. Gupta) is approved by the concerned RAC on 18/10/2023 and submitted her application on 26/12/2023 to put her case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- m) Six monthly progress report (duration 16/12/2022 to 15/06/2023) of the research scholar Suman Sharma (working under the supervision of Dr. M. K. Gupta) is approved by the concerned RAC on 18/10/2023 and submitted her application on 26/12/2023 to put her case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- n) Six monthly progress report (duration 16/12/2022 to 15/06/2023) of the research scholar Vinay Mishra (working under the supervision of Dr. KNVVV Prasad) is approved by the concerned RAC on 08/11/2023 and submitted his application on 26/12/2023 to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
- o) Six monthly progress reports (duration 31/10/2022 to 29/04/2023 & 30/04/2023 to 30/10/2023) of the research scholar Ram Jeevan (working under the supervision Dr. Dhananjay Gopal) is approved by the concerned RAC on 14/07/2023 & 16/11/2023 and submitted his application on 17/07/2023 & 20/11/2023, respectively to put his case in coming DRC meeting through supervisor. The progress report is presented before DRC and passed for further onward forwarding.
2. a) Research scholar Suman Sharma (working under the supervision of Dr. M. K. Gupta) submitted her application to Head on 26/12/2023 to put her case for extending the VRET Non-NET Fellowship of after completion of three years recommended by the concerned RAC meeting held on 18/10/2023. The matter is presented before the members of DRC. The members examine the matter and recommended for extending her VRET Non-NET Fellowship for one year more after completion of three years as per the university rule (w.e.f. 01/09/2023).
- b) Research scholar Abha Sahu (working under the supervision of Dr. M. K. Gupta) submitted her application to Head on 26/12/2023 to put her case for extending the VRET Non-NET Fellowship of after completion of three years recommended by the concerned RAC meeting held on 18/10/2023. The matter is presented before the members of DRC. The members examine the matter and recommended for extending her VRET Non-NET Fellowship for one year more after completion of three years as per the university rule (w.e.f. 01/09/2023).

- c) Research scholar Vinay Mishra (working under the supervision of Dr. KNVVV Prasad) submitted his application to Head on 26/12/2023 to put his case for extending the VRET Non-NET Fellowship of after completion of three years recommended by the concerned RAC meeting held on 08/11/2023. The matter is presented before the members of DRC. The members examine the matter and recommended for extending his VRET Non-NET Fellowship for one year more after completion of three years as per the university rule (w.e.f. 01/09/2023).
- d) Research scholar Abhishek Kumar Rath (working under the supervision of Prof. A. S. Ranadive) submitted his application to Head on 26/12/2023 to put his case for extending the VRET Non-NET Fellowship of after completion of three years recommended by the concerned RAC meeting held on 09/11/2023. The matter is presented before the members of DRC. The members examine the matter and recommended for extending his VRET Non-NET Fellowship for one year more after completion of three years as per the university rule (w.e.f. 01/09/2023).
- e) Research scholar Manas Singh Sakrwar (working under the supervision of Prof. A. S. Ranadive) submitted his application to Head on 26/12/2023 to put his case for extending the VRET Non-NET Fellowship of after completion of three years recommended by the concerned RAC meeting held on 09/11/2023. The matter is presented before the members of DRC. The members examine the matter and recommended for extending his VRET Non-NET Fellowship for one year more after completion of three years as per the university rule (w.e.f. 01/09/2023).
3. Research scholar Dolly Dewangon (date of admission is 01/09/2020) working under the supervision Prof. P. P. Murthy submitted her application to Head on 15/12/2023 to put the case for converting her Ph. D. programme from Full time to Part time due to getting employment outside (DBM College, Devraha, Jangir-Champa (CG)) since she has completed her minimum residency period (three years from the date of admission) point no. 10.6 of Ph.D. ordinance 2018 on 31/08/2023, as she pointed out in her application. The matter is presented before the members of DRC. The members examined the matter and recommended for converting her Ph. D. programme from Full time to Part time due getting employment outside since she has completed her minimum residency period as per the university rule (w.e.f. date of joining i.e. 26/12/2023).
4. The application submitted by the respective mentors for the cancellation of Ph.D. admission of the candidates Jyoti Kumari (mentor: Dr. Brijendra Paswan) and Manohar Choudhary (mentor: Dr. Uma Devi Patel) are presented before the members of DRC and DRC members approved the cancellation of their Ph.D. admission.
5. The matter is placed before the DRC members regarding Pre-thesis Seminar of Sakshi Dev Pandey whose registration details are as under:

Name : Sakshi Dev Pandey
 Date of admission : 01-05-2019
 Date of Registration : 28-07-2021
 Registration No. : 185125404

Title of the thesis: Study on the extensions of fuzzy graphs and their applications in decision making and social networks.

The registered student is a Ph.D. research scholar under the supervision of Prof. A. S. Ranadive. The candidate has presented his Ph.D. pre-submission seminar before the DRC members. During the seminar, some quarries are raised by DRC members and the candidate either clarified most of the questions or agreed to incorporate few suggestions in his thesis. The DRC members are unanimously agreed to allow for submitting his Ph. D. thesis on or before expiry date of registration. He also informed to the DRC members about his presented of research papers in 04 conferences and published 02 research papers in the journals.

Details of papers presented in the conference:

1. Presented a paper on the International Conference on Recent Advances in Science held during [1-2 April 2022], organized by the Faculty of Science, Invertis University, Bareilly (U.P.), India.
2. Presented a paper on the International Conference on Applied Mathematics held on 8-9 June 2022, organized by the Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal, India.
3. Presented a paper on the International Conference on Graphs, Networks and Combinatorics ICGNC 2023 [10-12 January 2023], Organized by the Department of Mathematics, Ramanujan College, University of Delhi.
4. Presented a paper on the International Conference on recent development in research held in \$28^{th}\$ June 2023, Organized by the Department of Mathematics, Tamralipta Mahavidyalaya, West Bengal: Pin-721636.

Details of published research papers:

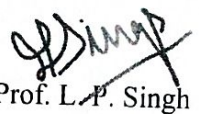
1. Pandey, Sakshi Dev, A. S. Ranadive, and Sovan Samanta. "Bipolar-valued hesitant fuzzy graph and its application." Social Network Analysis and Mining 12.1 (2022): 14. (Springer)
2. Pandey, Sakshi Dev, A. S. Ranadive, Sovan Samanta, and Biswajit Sarkar. "Bipolar-valued fuzzy social network and centrality measures." Discrete Dynamics in Nature and Society 2022 (2022): 1-13. (Hindawi)

The details of the candidate progress report presented before the DRC which is being noted and passed for further onward forwarding by HoD.

Progress report period: 28/07/2023 to 27/01/2024 and 28/01/2024 to till date.

The chairman of DRC extended his thanks to all the Hon'ble DRC members.


Dr. J. P. Jaiswal


Prof. L. P. Singh


Prof. A. S. Ranadive
29-02-2024


Dr. D. Gopal


Dr. B. B. Chaturvedi


Dr. K.N.V.V.V. Prasad