

## Minutes of 34<sup>th</sup> BPGS Meeting

The meeting of the 34<sup>th</sup> BPGS in Mathematics is held on 10.3.2014, at 11.30.a.m. in the Departmental Library reading Room, Department of Mathematics AUS. The members present in the meeting on 10.03.2014 are as follows:

|                                 |             |
|---------------------------------|-------------|
| 1. Dr. Karabi Dutta Choudhury   | Chairperson |
| 2. Dr. Mithra Dey               | "           |
| 3. Dr. Nabendu Sen              | "           |
| 4. Dr. Uday Shankar Chakraborty | "           |
| 5. Dr.P.C. Paul                 | "           |
| 6. Dr.P.B. Mazumder             | "           |
| 7. Dr. B. Indrajit Sharma       | "           |

The following resolutions are taken as per agenda item:

1. Minutes of 33<sup>rd</sup> BPGS meeting is read out by the chairperson and is confirmed.

In this connection, the chairperson apprised that the Final registration of the following candidates could not be processed because of non receipt of communication from the chairman BRS(Sc.). The members opined that those cases should be sent only after getting the minutes of last BRS(sc) as the matter was discussed in the last BRS(sc) for favouring the Scholars by the Chairman BRS. The members also opined that as the School Board is on 20<sup>th</sup> March, 2014, if any communication is received before that, then Chairperson may take initiative to send the forms of the concerned scholars along with the final registration cases of this year to BRS(Sc) through the School Board.

| Sl.No. | Name of the Scholar    | Title of synopsis   | Date of provisional registration | Expected date of Final registration | Remarks |
|--------|------------------------|---|----------------------------------|-------------------------------------|---------|
| 11     | Alanur Hussain Laskar  | " Numerical Methods for approximating Matrix eigen value problem"                 | 22.09.11                         |                                     |         |
| 12     | Sairur Rahman Barindya | "A Study of abstract Algebras in Fuzzy Settings"                                  | 22.09.2011                       |                                     |         |
| 13     | Lakshmi Mahapatra      | " Numerical methods for approximating solutions to a systems of linear equations" | 22.09.11                         |                                     |         |

2.(i) Ph.D. provisional registration cases for the following two candidates

| SL.No. | Name of the Scholar | Title of synopsis  | Supervisor/Co-supervisor   |
|--------|---------------------|--|--|
| 01.    | Ananta Kumar Dutta  | "A Study of Some Topics on Fuzzy Algebraic Structures"   | Dr. Karabi Dutta Choudhury/ Dr. D. K. Basnet, Tezpur University      |
| 02.    | Reshmi Deb          | "A Study on Heat and Mass Transfer effects Micropolar Fluid Flow"  | Dr. Sanjib Sen gupta   |
| 03     | Lokendra Kakati     | "Mathematical Modeling of Blood Flow through None-uniform arteries with emphasis to Cardiovascular diseases" | Dr. Karabi Dutta Choudhury/Dr. Nazibuddin Ahmed, Gauhati University. |

The cases are forwarded to the school board. The chairperson apprised the house regarding the case history of the above three candidates. In all the three cases, Prof. D. Biswas was Supervisor who has been super annuated on 31<sup>st</sup> December, 2013 and as per Letter No. AUK-213/11/2011, Prof. D. Biswas disagreed to work as Co-supervisor. As a result, the students are not Provisionally/finally registered. Under these circumstances, the department was unable to provide supervisor for those students as no member of Departmental affairs committee agreed to supervise them.

After One year. Dr. S. Sengupta agreed to supervise Reshmi Deb and Dr. Karabi Dutta Choudhury agreed to supervise (1) Lukendra Kakati (2) Ananta Kr. Dutta (3) Devanjan Hazarika. Prof. Nazibuddin of Gauhati University has agreed to act as Co-supervisor in case of Lukendra Kakati.

However this may be mentioned here that the supervisor of Reshmi Deb, Dr. S. Sengupta is yet to complete one year after getting Ph. D, though he has completed nine years of PG teaching. The matter is forwarded to School Board and onward submission to BRS(Sc.)

(II) Final registration cases.

| Sl.No. | Name of the Scholar | Title of synopsis   | Date of provisional registration | Expected date of Final registration | Remarks |
|--------|---------------------|---|----------------------------------|-------------------------------------|---------|
| 01     | L. Budha Singh      | "Modeling in Inventory Management with special reference to Demand" | Ph.D/2023/12<br>Dt. 12.09.12     |                                     |         |
| 02     | Devanjan Hazarika   | "On Fuzzy Algebraic Structures"                                     | Ph.D/1880/12<br>Dt. 09.04.2012   |                                     |         |

*Reesay*

Head  
of Mathematics  
City



The members examined the forms and forwarded to the school board , AESoPS.

3. Extension cases: there is no case of extension.

4. A.O.S.

(1) The Chairperson Placed the structure and contents of the II-semester syllabus which was approved by Hon'ble Vice Chancellor for ratification in BPGS Mathematics.

The Chairperson apprised the house that with this new syllabus the classes are going on in II Semester, Chairperson also apprised the member that Hon'ble V.C. has suggested for experts' comments for the III & IV-semester syllabus and accordingly the syllabus of III & IV semester should be revised with the experts' comments after getting their comments.

(II) The chairperson placed a letter written by one of the scholar Riaz Uddin Mazumder addressing Vice-Chancellor ( Through proper Channel) for submission of thesis under the supervision of Prof.D. Biswas and Co- supervisor Dr. S.A. Begum, (Computer Science AUS).

By a thorough discussion on this letter , the members opined that

(a) as the HOD, Mathematics has not received any communication in this regard i.e. to receive the thesis signed by Dr. S.A. Begum as supervisor,

(b) The papers (attached with the Application) do not reflect any where that the co-supervisor may sign in place of supervisor.

So the Thesis should be properly signed by respective supervisor and co-supervisor as the pre-submission seminar ( 21.11.13) was held before super-annuation of Prof. D. Biswas ( Supervisor) and then to be submitted to the Department of Mathematics.

The process may take some time, the members also opined that as an when signed by supervisor and co-supervisor, the scholar may be allowed to submit the thesis to the Department of Mathematics.

(c ) The Chairperson placed the application for co-supervisor along with the biodata submitted by Prof. Nazibuddin Ahmed who is Prof. of Department of Mathematics, Gauhati University, Guwahati.

The members opined that as Prof. Nazibuddin Ahmed is professor by designation, there may not be any objection to act as co-supervisor. The matter is forwarded to School Board and onward submission to BPGS.

In absence of any other item, the meeting ended with thanks to and from the chair.



(Dr. Karabi Dutta Choudhury)

Chairman, BPGS in Mathematics  
Department of Mathematics