### DEPARTMENT OF LIFE SCIENCE & BIOINFORMATICS ASSAM UNIVERSITY: SILCHAR

MINUTES OF THE 48<sup>th</sup> BPGS MEETING OF LIFE SCIENCE & BIOINFORMATICS HELD ON 01.03.2019 AT 11.30 AM IN THE DEPARTMENT OF LIFE SCIENCE & BIOINFORMATICS, ASSAM UNIVERSITY, SILCHAR.

### Members Present:

1. Prof . Sanjib Kumar Panda, Head , Dept. of Life Science and Bioinformatics, AUS - Chairman

2. Prof. Supriyo Chakraborty, Department of Biotechnology, Dean, Life Science, AUS - Member

3. Prof. Sarbani Giri, Dept. of Life Science and Bioinformatics, AUS - Member

4. Dr. Anupam Das Talukdar, Dept. of Life Science and Bioinformatics, AUS - Member

5. Dr. Anupom Borah, Dept. of Life Science and Bioinformatics, AUS - Member

6. Dr. Ramie H. Begum, Deptt. Of Life Science, Diphu Campus, AUS - Member

At the very outset, Chairman, BPGS welcomed all the members, read out last minutes of the meeting i.e. 47th BPGS Meeting and minute was confirmed.

Chairman placed the proposals submitted for Ph.D/M.Phil Programme from Assam University, Silchar & Diphu campus in Life Science & Bioinformatics. Members of the Board thoroughly verified and suggested their valuable comments.

## **Resolution No.1 PH.D TITLE REGISTRATION**

Chairman placed the proposal for Ph.D Title Registration as approved by DRC and further verified in BPGS and forwarded to the School Board.

## ASSAM UNIVERSITY CAMPUS

| Sl.<br>No | SCHOLAR'S DETIALS | NAME OF THE<br>SUPERVISOR/<br>CO-SUPERVISOR<br>(IF ANY) | TITLE OF THE RESEARCH PROPOSAL   | DEPT.   | PROPOSAL PASSED BY<br>SCHOOL BOARD ON | AU. REGN. NO. & YEAR         |
|-----------|-------------------|---|--|---|---------------------------------------|------------------------------|
| 1         | INDIRA GAHATRAJ   | SANJEEV KUMAR   | FUNGAL KERATINASES: ISOLATION, PRODUCTION, BIOCHEMICAL CHARACTERIZATION AND ITS APPLICATIONS.  | LIFE SCIENCE & BIOINFORMATICS                 |                                       | 04-120029565 of<br>2012-2013 |
| 2         | ABHIJIT MANDAL    | Prof. Sarbani Giri                                      | Toxicological impact of tributyltin on early development of chick embryo and its bioremediation in aquatic environment.  | Department of Life Science and Bioinformatics |                                       | 41-150078180 of<br>2015-2016 |
| 3         | MALAYA GHOSH      | Prof. Sarbani Giri                                      | A comparative study of the efficacy of natural particulate adsorbents for sequestration of Arsenic: toxicological evaluations in plant and animal test models. | Department of Life Science and Bioinformatics |                                       | 41-150078182 of<br>2015-2016 |

## **Resolution No. 2 : Ph.D. TITLE MODIFICATION**

Chairman placed the proposal for Title Modification as approved by DRC and further verified in BPGS and forwarded to the School Board.

### ASSAM UNIVERSITY CAMPUS

| Sl.<br>No | NAME & ADDRESS OF RESEARCH<br>SCHOLAR   | NAME OF THE<br>SUPERVISOR/<br>CO-SUPERVISOR<br>(IF ANY) | TITLE OF THE RESEARCH PROPOSAL (as per Provisional Registration)   | TITLE OF THE RESEARCH<br>PROPOSAL<br>(if modified)  | DEPT.   | PH.D REGISTRATION<br>NO. & DATE                  |
|-----------|---|---|--|---|---|--|
| 1         | RUBUL SAIKIA C/O LT. MINESWARSAIKIA VILLAGE & P.O GAZPURIA DIST. JORHAT PIN: 785008 | Dr.Anupom Borah   | Unveiling the role of<br>GarciniapedunculataRoxb.<br>exBuchHam extract on<br>neurological complications of<br>chronic liver disease. | Unveiling the role of<br>GarciniapedunculataRoxb. ex<br>BuchHam extract on<br>neurological complications in<br>mice | Department of Life<br>Science &<br>Bioinformatics | Enrolment No:<br>0120170099,<br>Dated:27.01.2017 |

### **Resolution No.3 M. PHIL TITLE REGISTRATION**

Chairman placed the proposal for M. Phil Title Registration as approved by DRC and further verified in BPGS and forwarded to the School Board.

### ASSAM UNIVERSITY DIPHU CAMPUS

| Sl. | SCHOLAR'S DETIALS | NAME OF THE       | TITLE OF THE RESEARCH                  | DEPT.           | PROPOSAL     | AU. REGN. NO. & YEAR   |
|-----|-------------------|-------------------|--|-----------------|--------------|------------------------|
| No  |                   | SUPERVISOR/       | PROPOSAL                               |                 | PASSED BY    |                        |
| 110 |                   | CO-SUPERVISOR     |  |                 | SCHOOL BOARD |                        |
|     |                   | (IF ANY)          |  |                 | ON           |                        |
| 1.  | CHAYANIKA DEVI    | Dr. PVB Reddy (S) | Implications of traditionally prepared | Life Science &  |              | 41-170103266 / 2017-18 |
|     |                   |                   | rice beers of Assam on liver and       |                 |              |                        |
|     |                   |                   |  | Dio-informatics |              |                        |
|     |                   |                   | brain tissues in a mice model          |                 |              |                        |
|     |                   |                   |  |                 |              |                        |

## **Resolution No. 4: EXTENSION OF PERIOD**

The following cases have applied for extension of period of PhD/M.Phil Work. The Board scrutinized the applications and forwarded the same to the School Board

## **ASSAM UNIVERSITY CAMPUS:**

| Sl.<br>No | NAME & RESIDENTIAL<br>ADDRESS OF RESEARCH<br>SCHOLAR  | DEPARTMENT                                    | PH.D/M.PHIL REGISTRATION NO. & DATE                  | PERIOD REMARKS                   |
|-----------|---|---|--|----------------------------------|
| 1.        | PIMILY LANGTHASA  Mother Teresa Girls hostel-04 Assam University, Silchar                     | Department of Life Science and Bioinformatics | Ph.D/2817/15 dated 15/09/2015                        | 15/09/2019-<br>15/09/2020        |
| 2.        | DHARMESWAR BARHOI  ICVC Boys hostel -01 Assam University, Silchar                             | Department of Life Science and Bioinformatics | Ph.D/2816/15dated 15/09/2015                         | 15/09/2019-<br>15/09/2020        |
| 3.        | SOMNATH GUPTA  Chirukandi, Tarapur Silchar-788003   | Department of Life Science and Bioinformatics | M.Phil. Enrolment no. 0220180035<br>Dated 24/01/2018 | 17/08/2019-<br>17/02/2021        |
| 4.        | Kangkan Kumar Das  VILL- AMIYA NAGAR PO- SILPUKHURI DIST- KAMRUP (M) STATE- ASSAM PIN- 781003 | Life<br>Science & Bioinformatics              | M.Phil. Enrollment No. 0220170041 dated 27.01.2017   | One semester (up to 20. 11.2019) |
| 5.        | ANKUMONI DUTTA  | Life Science & Bioinformatics                 | M.Phil. Enrollment No. 0220180033 dated 24.01.2018   | Up to August 2020                |

# ASSAM UNIVERSITY, DIPHU CAMPUS:

| SI<br>No | NAME & ADDRESS OF RESEARCH<br>SCHOLAR                                   | DEPARTMENT                     | PH.D/ M.PHIL REGISTRATION<br>NO. & DATE | PERIOD | REMARKS |
|----------|---|--------------------------------|---|--------|---------|
| 1        | SHABANA HASSAN<br>Jorhat-<br>M-8486341636<br>shabana.hassan81@gmail.com | Life Science & Bio-informatics | Ph. D/2819/15<br>15.09.2015             | 1 Year |         |
| 2        | MANASHI GOSWAMI<br>Guwahati<br>M- 9577671239<br>mg3238@gmail.com        | Life Science & Bio-informatics | Ph. D/ 2820/15<br>15.09.2015            | 1 Year |         |
| 3        | MOROMI ENGTIPI Diphu, K/A M- 8011774571 moromi.engtipi7@gmail.com       | Life Science & Bio-informatics | Ph. D/2821/15<br>15.09.2015             | 1 Year |         |

### Resolution No.5 CHANGE OF THE SUPERVISOR/CO-SUPERVISOR

| SI.N NAME       | DEPT           | PH.D REGISTRATION NO | NAME OF THE EXISTING SUPERVISOR/CO-SUPERVISOR                   | PROPOSED NEW SUPERVISOR / CO- |
|-----------------|----------------|----------------------|---|-------------------------------|
| 0               |                |                      |   | SUPERVISOR                    |
| 1 Atifa Begum   | Life Science & | Ph.D/2595/14         | Dr.Himanshu Kishore Prasad (Supervisor) & Dr. Pradeep Verma(Co- | Dr.Himanshu Kishore Prasad    |
| Mozumder        | Bioinformatics | Dt.16.06.2014        | Supervisor)   | (Supervisor).                 |
| 2 Kakoli Chanda | Life Science & | Ph.D/2598/14, Dt.    | Dr. Himanshu Kishore Prasad(SUPERVISOR) & Dr. Pradeep           | Dr. Himanshu Kishore          |
|                 | Bioinformatics | 16.09.2014           | Verma(CO-SUPERVISOR).   | Prasad(SUPERVISOR).           |

Members suggested that the Supervisor may submit the appropriate communications made to co-supervisor with his consent of no objection to school board. In case no communication received from the co-supervisor till the school board date, Co-supervisor name may be dropped as desired by the Supervisor.

#### **Resolution No. 6: RE-REGISTRATION**

Following candidates could not submit their thesis within stipulated time period after their registration. Therefore their applications seeking re-registration (for two more years) were considered and forwarded to School Board for further necessary action.

### **ASSAM UNIVERSITY CAMPUS:**

| Sl. | NAME & DEPARTMENT              | TITLE  | NAME OF SUPERVISOR/        | PH.D. REGN. NO   | RE-REGISTRATION |
|-----|--------------------------------|--|----------------------------|------------------|-----------------|
| No  |                                |  | CO-SUPERVISOR              |                  | W.E.F.          |
| 1.  | PUJA UPADHAYA                  | Effects of carcinogens on the tight junctional   | Prof. Sarbani Giri         | Ph.D/2594/14     |                 |
|     | Department of Life Science and | integrity and epithelial architecture in mice:   |                            | Dated 16.09.2014 |                 |
|     | Bioinformatics                 | An insight into the possible mechanism of        |                            |                  |                 |
|     |                                | action.  |                            |                  |                 |
| 2.  | Sampa Ghosh                    | Morpho-taxonomic studies on the family           | Dr. Debjyoti Bhattacharyya | Ph.D./2600/14    | 16.9.2019       |
|     | Life Science & Bioinformatics  | Gramineae in Tripura, India                      |                            | Dt. 16.09.2014   |                 |
| 3.  | Atifa Begum Mazumder           | Isolation and Characterization of rhizosphere    | Dr.Himanshu Kishore Prasad | Ph.D/2595/14,    | 16.09.2019      |
|     |                                | microbes of selected Pteridophytes for Plant     | (Supervisor)               | Dt.16.09.2014    |                 |
|     |                                | Growth Promotion and bio control activities      |                            |                  |                 |
| 4.  | Joydeb Dey                     | Arginine catabolism and its role in pathogenesis | Dr.Himanshu Kishore Prasad | Ph.D/2593/14 Dt. | 16.09.2019      |
|     |                                | of Candida albicans                              |                            | 16.09.2014       |                 |
| 5.  | Krishna Bhuyan                 | Emerging pollutants of concern: Toxicological    | Dr. Anirudha Giri          | Ph.D/2596/14     | 16.09.2019      |
|     |                                | profile of polycyclic aromatic hydrocarbons in   |                            | Dtd.16.09.2014   |                 |
|     |                                | amphibian  |                            |                  |                 |

### **Diphu Campus: RE-REGISTRATION**

| Sl. | NAME & DEPARTMENT              | TITLE   | NAME OF SUPERVISOR/   | PH.D. REGN. NO | RE-REGISTRATION |
|-----|--------------------------------|---|-----------------------|----------------|-----------------|
| No  |                                |   | Co-Supervisor         |                | W.E.F.          |
| 1.  |                                | Inventorization of two hill streams macro       | Dr. Ajit K Tamuli (S) | Ph. D/2433/13  | 11/09/2018      |
|     | NILU PAUL                      | invertebrates and selected fishes in Dima Hasao | Dr. R Teron (Co-s)    | 12.09.2013     |                 |
|     | Life Science & Bio-informatics |   | Dr. A Arjun (Co-s)    |                |                 |

|    |   | District of Assam with special reference to their habited quality.                                  |  |                              |             |
|----|---|---|--|------------------------------|-------------|
| 2. | MAMONI PHUKAN BORGOHAIN<br>Life Science & Bio-informatics | Ethnobotany of the Tai Tribes with special reference to Tai Phake of Upper Bramaputra Valley, Assam | Dr. R Teron (S)<br>Dr. Ajit K Tamuli (Co-s)                        | Ph. D/2505/14<br>12.03.2014  | 11/03//2018 |
| 3. | SUJATA SAPAN Life Science & Bio-informatics               | Ethno-contraceptive use of <i>Stephania japonica</i> (Thumb.) Miers.                                | Dr. Ajit K Tamuli (S) Dr. R Teron (Co-s) Prof. J M Laishram (Co-s) | Ph. D/ 2504/14<br>12.03.2014 | 11/03/2019  |

## **Resolution No.7: PANEL OF EXAMINERS**

Panel of Ph.D/M.Phil thesis examiners for following candidates were received from their respective supervisors. The sealed envelopes were forwarded to School Board for further action.

## ASSAM UNIVERSITY CAMPUS

| Sl.<br>No | NAME & RESIDENTIAL<br>ADDRESS OF RESEARCH<br>SCHOLAR | DEPARTMENT                                    | PH.D/M.PHIL REGISTRATION NO. & DATE | NAME OF THE SUPERVISOR/<br>CO-SUPERVISOR (IF ANY) |
|-----------|--|---|-------------------------------------|---|
| 1.        | APARAJITA DAS  | Department of Life Science and Bioinformatics | Ph.D/3031/2016 dated 09.09.2016     | Prof. Sarbani Giri                                |
| 2.        | SWEETY NATH BARBHUIYA                                | Department of Life Science and Bioinformatics | Ph.D/3032/2016 dated 09.09.2016     | Prof. Sarbani Giri                                |
| 3.        | HIDANGMAYUM BISHWAJIT SHARMA                         | Life Science & Bioinformatics                 | Ph.D./2131/12 dated 26.09.2012      | Dr. Debjyoti Bhattacharyya (Supervisor)           |
| 4.        | Ridip Kumar Gogoi                                    | Life Science & Bioinformatics                 | PhD/2118/12 dt.26.09.2012           | Dr.Himanshu Kishore Prasad                        |
| 5.        | PURBALI BISWAS                                       | Life Science and Bioinformatics               | 0220170042 dated 27.01.2017         | Dr. Shubhadeep Roychoudhury                       |
| 6.        | KAKOLI CHANDA  | Life Science and Bioinformatics               | Ph.D/2598/14 dt.16.09.2014          | Dr.Himanshu Kishore Prasad                        |
| 7.        | SHEULI KANGSA BANIK                                  | Life Science and Bioinformatics               | Ph.D/3034/16 dt.09.09.2016          | Prof. M. Dutta Choudhury                          |

| 8. | SAMORITA BAISHYA | Life Science and Bioinformatics | Ph.D/3033/16 dt.09.09.2016 | Prof. M. Dutta Choudhury |
|----|------------------|---------------------------------|----------------------------|--------------------------|
|----|------------------|---------------------------------|----------------------------|--------------------------|

### **DIPHU CAMPUS: PANEL OF EXAMINERS**

| Sl.<br>No | NAME & RESIDENTIAL<br>ADDRESS OF RESEARCH<br>SCHOLAR   | DEPARTMENT                     | PH.D/M.PHIL REGISTRATION NO. & DATE | NAME OF THE SUPERVISOR/<br>CO-SUPERVISOR (IF ANY) |
|-----------|--|--------------------------------|-------------------------------------|---|
| 1.        | BARNALI PAUL<br>Diphu, Karbi Anglong                   | Life Science & Bio-informatics | Ph. D/2148/12 dt. 26/09/2012        | Dr. N L Raju (S)<br>Dr. A Arjun (Co-s)            |
| 2.        | H NILIMA DEVI<br>Imphal, West Manipur                  | Life Science & Bio-informatics | Ph. D/2602/14 dt. 16/09/2014        | Dr. N L Raju (S)                                  |
| 3.        | SHABANA HASSAN Urangial, jorhat Assam                  | Life Science & Bio-informatics | Ph. D/2819/15 dt. 15/09/2015        | Dr. R Teron (S)                                   |
| 4.        | WETETSHO KAPFO PWD Colony, Phek, Nagaland, 797107      | Life Science & Bio-informatics | Ph. D/3043/16, dt. 09.09.2016       | Dr. R H Begum (S) Dr. Vanlalhmuaka (Co-S)         |
| 5.        | Chayanika Devi<br>Guwahati, Kamrup (R), Assam - 781381 | Life Science & Bio-informatics | 41-170103366 of 2017-18             | Dr. P V B Reddy (S)                               |

### **Resolution No. 7: Miscellaneous matters:**

i) Course Work Exemption Issues :

Miss Tanushree Das, newly admitted Ph.D student applied for Exemption of Course Work. Members opined that M.Phil award Certificate needs to be submitted to the department and once submitted her case for exemption be deemed to be approved. Mr. Soumitra Shome and Anima Das were exempted from attending coursework vide resolution of RAC meeting dated 18.02.2019.

It has come to the notice of the department that Soumitra Shome, Ph.D student is doing two courses simultaneously, i.e. B.Ed. & Ph.D. Supervisor communicated with the the student and the student opted for Ph.D programme through email communication. Subsequent to a discussion in DRC, DRC was of the opinion that the Candidate needs to submit the discontinuation certificate for B.Ed in the department and to the COE section and post submission of that the candidature of Soumitra shome for course work exemption be deemed to have been approved.

#### **DIPHU CAMPUS:**

- 1. Introduction of New Course in (LS- 203) Open Choice Paper: BPGS discussed about the proposal (through DAC, Diphu campus) for opening of new course in LS-203 open choice paper by Diphu campus and refered it to be put in DAC of Life Science, Silchar campus for scrutiny and further opinions.

  To note the Life Science syllabus has been revised recently after following rigorous evaluation through DAC and being passed by appropriate bodies the syllabus is now ready to be adopted from 2019-2020 session.
- 2. Discontinuation of Ph. D Course of Mr. Kartic Das (Ph. D Reg. No: Ph. D/3234/2014 dtd. 22/08/2017) was also recorded.

The meeting ended with a vote of thanks from and to the chair.

Prof. S. K. Panda Chairman, BPGS

Department of Life Sc. & Bioinformatics, AUS

No.F.44/AULS/2019/

### Copy to:

- 1. PS to Vice Chancellor, AUS for his kind information
- 2. The Registrar, AUS.

- The Dean, School Board, School of Life Science, AUS
   All Members, BPGS, Department of Life Science & Bioinformatics, AUS.
- 5. Office copy.

Chairman, BPGS