

**Minutes of the 2021-2/13th Meeting of the Senate of IISER Berhampur**

The 2021-2/13th meeting of the Senate of IISER Berhampur was held through Google Meet at 11:00 AM on Tuesday, September 20, 2021. The following members were present:

• Professor K. V. R. Chary, Director	Chairperson
• Professor Yogendra Sharma, Deputy Director	Member
• Professor Surendra Nath Mishra, Dean, Academic Affairs	Member
• Professor Sridhar Srinivas Tirumalai, Dean, Research & Development	Member
• Professor Raghavan Sadagopan, HoD, Dept. Chemical Sciences	Member
• Professor Harapriya Mohapatra, NISER	Member
• Professor V. Srinivas, TIFR Mumbai	Member
• Professor Bedangadas Mohanty, NISER Bhubaneswar	Member
• Professor Chebrolu Pulla Rao, IIT Tirupati	Member
• Professor Achanta Venugopal, TIFR Mumbai	Member
• Dr. Md. Nasim, Asst. Professor, Warden, Boys' Hostel	Member
• Dr. Bikashkali Midya, Coordinator Student Affairs	Member
• Sri B. J. Acharyulu, Acting Registrar & Secretary, Senate (ex-officio)	Non-Member

The following members could not attend the meeting due to their prior commitment and were granted leave of absence:

- Professor Pasla Dinakar, Associate Professor, IIT Bhubaneswar. Member
- Sri B. Venu Gopala Reddy, Ex-Visiting Professor, NIBM, Pune, Member
- Professor Radhakrishnan Jaikumar, TIFR Mumbai, Member
- Professor Saroj Kumar Nayak, IIT Bhubaneswar, Member

The following attended the meeting as special invitees:

- Dr. Thirupathi Barla, Convener, DUGC Chemical Sciences
- Dr. Santanu Bhattacharya, Convener, DPGC, Chemical Sciences
- Dr. Ujjal Kumar Dey, Convener, DUGC, Physical Sciences
- Dr. Victor Mukherjee, Convener, DPGC, Physical Sciences
- Dr. Jose Sebastian, Convener, DPGC, Biological Sciences
- Dr. Ruthrotha Selvi Bharathavikru, Convener, DUGC, Biological Sciences
- Dr. Amiya Mondal, Convener, DPGC, Mathematical Sciences
- Dr. Pabitra Barik, Convener, DUGC, Mathematical Sciences

The Dean Academic Affairs welcomed the members and requested the Chairperson, Senate to present the overview report.

**Senate 13****Agenda Items and Resolution**

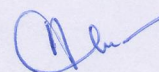
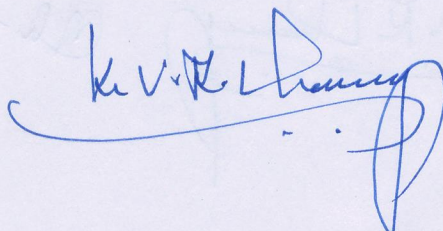
Item No.

**1. Overview Report by the Chairperson, Senate, IISER Berhampur**

The Chairperson, Senate welcomed the members present at the 13th Meeting of the Senate, IISER Berhampur, and at the outset, congratulated Prof. Achanta Venugopal of TIFR Mumbai, member of the Senate IISER Berhampur who has assumed the charge as the Director of CSIR-NPL recently.

The Chairperson then presented his overview report briefing the activities of IISER Berhampur in the recent past (Appendix-I).

The Chairperson then requested Prof. S N Mishra, Dean Academic Affairs to conduct further proceedings.



2. **Confirmation of the minutes of the 2021-1/12th Meeting of the Senate.**

The Senate noted that there were no comments from any members and therefore resolved to confirm Minutes of the 2021-1/12th Meeting of the Senate held on April 09, 2021, as circulated and placed on the table for confirmation.

3. **Action Taken Report on the decisions of the 2021-1/12th Meeting of the Senate.**

The Senate resolved to take on record, the Action Taken Report on the decisions of the 2021-1/12th Meeting of the Senate held on April 09, 2021, with a note of appreciation.

4. **Introduction of new courses**

The Senate resolved to approve the introduction of the following new courses:

(i) **Two courses on "Introduction to Probability Theory" and "An Introduction to Schemes and Cohomology" by the Department of Mathematical Sciences.**

Prof S N Mishra, Dean Academic Affairs placed the agenda and Dr. Pabitra Barik explained the course contents. After discussion at length, few members suggested to elaborate the course content into modules with respective teaching time and the Senate resolved to ratify the same.

(ii) **Two courses on "Comparative and Evolutionary Genomics (BIO425)" and "Neuroimaging: Understanding Brain Structure and Function (BIO-426)" by the Department of Biological Sciences.**

Prof S N Mishra, Dean Academic Affairs placed the agenda Dr. Ruthrotha Selvi presented the new course structure and its contents and during discussion Prof. Yogendra Sharma clarified the issues raised by Dr. Harapriya Mohapatra and Prof. Bedangadas Mohanty. After discussion at length, the Senate resolved to ratify the same.

(iii) **A course on "Emerging Memory Devices and Technologies" PHY-444 by the Department of Physical Sciences.**

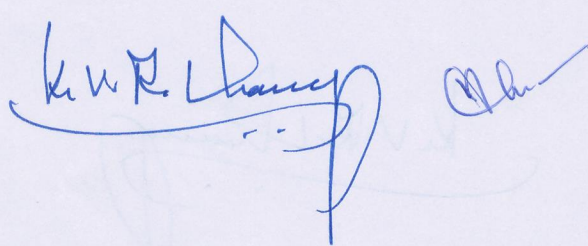
Prof S N Mishra, Dean Academic Affairs placed the agenda Dr. Ujjal Kumar Dey presented the new course proposal made by Dr. Rohit Soni.

Prof Bedangadas Mohanty expressed his views that the course content should have been more precise and the Chairperson, Senate asked to resubmit the proposal form in line with the suggestions of the members.

**Revision of course:**

(iv) **Revision of "Advanced Genetics (BIO-410)" by the Department of Biological Sciences.**

The Dean Academic Affairs placed the agenda for revision of BIO 410 "Advanced Genetics" course and Dr. Ruthrotha Selvi explained the need for revision and highlighted the changes proposed in comparison with the previous one. After discussion, the Senate resolved to ratify the same.



5. **Ratification of the following items approved by the Chairperson, Senate:**

(i) ***Introduction of minor degree in Computer Sciences discipline.***

Prof S N Mishra, Dean Academic Affairs placed the agenda and the Chairperson, Senate briefed the list of courses that are offered for the students to pursue a minor degree in Computer Science. The Senate resolved to ratify the same.

(ii) ***The final degree certificate and transcript design.***

The Dean Academic Affairs presented the certificate and transcript templates having the security features in detail and Prof Bedangadas Mohanty suggested to give a thought if the photograph of the student could also be printed. After debating it a little, the Senate resolved to ratify the same.

(iii) ***To consider BIO 417 (Fundamentals of NMR Spectroscopy) as a departmental elective of Department of Chemical Sciences for fulfillment of minor in Chemistry.***

Prof S N Mishra, Dean Academic Affairs placed the agenda and the Senate resolved to ratify the same.

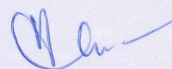
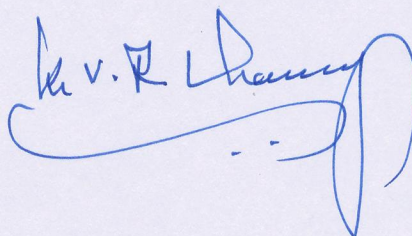
6. **To discuss and ratify BSMS 2016 batch final results and eligible students of various medals to be presented on the day of Maiden Convocation of IISER Berhampur scheduled to be held on Thursday, October 28, 2021.**

Prof S N Mishra, Dean Academic Affairs shared the department wise final results of 2016 batch students along with their CPI and toppers amongst each discipline. The Senate resolved to ratify the same with an appreciation to the first batch students who successfully completed BSMS programme.

7. **To discuss and approve the proposal of introducing the 4-year BS degree course in Engineering Physics.**

The Chairman, Senate announced the proposal of offering 4-year BS Degree programme in line with the NEP-2020 and briefed about the courses that are offered to be started in the coming academic year 2021-22. The 2020 batch student who will be promoted to do major in their 3<sup>rd</sup> year will also be given an option to choose for BS Degree in Engineering Physics. And also, the BS Degree student after 4 years if opts to do a one-year research project will be awarded with a 5 year BS-MS Dual Degree.

The Chairperson, Senate after emphasizing on the new programme, requested Prof Bedangadas Mohanty and Prof Achanta Venugopal for providing valuable suggestions before it is ratified in the next Senate meeting.



8. To discuss the revised guidelines for Improvement of grades.

The Dean Academic Affairs placed the agenda before the Senate and informed that a BSMS student can improve his/her grades in two courses per semester as per the minutes of 2020-1/9<sup>th</sup> meeting of the Senate but it was supposed to be two courses in the entire programme which was a typo error. After discussion at length, the students who are with  $CPI \leq 5.0$  for getting promoted to 3<sup>rd</sup> year can be allowed to take more than two courses and the other students can appear in a maximum of two courses in the entire 5 year programme for improving their grades. The Chairperson, Senate asked the Dean, Academic Affairs to come up with detailed guidelines and place in the next Senate meeting.

Meeting ended with a vote of thanks to the Chair.

(Shri B. J. Acharyulu)  
Acting Registrar & Secretary, Senate

Approved

(Prof. K. V. R. Chary)  
Director & Chairperson, Senate  
2.12.2021

