

To
The DC Members
Department of Microbiology

Date: 21.03.2022

Dear Sirs,

A DC meeting will be held on 24.03.2022 at 2.30 PM to discuss about the following agenda:

Agenda:

1. Confirmation of resolutions of previous DC meeting
2. Recruitment of guest teachers for 2nd and 4th semester
3. Necessary requirements for the upgradation of the department seek by PPDB
4. Miscellaneous

You are requested to attend the said meeting.

Regards,

Nandini Ghosh 21.3.22

(DR. NANDINI GHOSH)

TIC

Dept. Of Microbiology

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21/3/22

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Minutes of the meeting of Departmental Committee of Microbiology held on 24.03.2022 at 2.30 PM

Members present:

1. Dr. Nandini Ghosh, TIC	<i>N Ghosh 24.3.22</i>
2. Prof. K.C. Mondal	<i>K.C. Mondal 24/3/22</i>
3. Dr. Suman K Halder	<i>S.K. Halder 24.3.22</i>

Dr. Nandini Ghosh, TIC, presided over the meeting.

The following resolution was taken unanimously:

1. The resolution of last DC meeting dated 24.02.2022 is confirmed
2. The list of guest teachers for 2nd and 4th semester are prepared as follows -

Name	Internal/ External	Session	Semester	Topic	Theory/practical	Number of classes
Dr. Shipra Roy	Internal	2021-22	2 nd	MCB 202.2: Gene regulation	Theory	5
Dr. Misha Roy	Internal	2021-22	4 th	MCB 401.2 Environmental Microbiology	Theory	5
Dr. Hariprasad Sarkar, Garhbeta College	External	2021-22	2 nd	MCB 202.2: Gene regulation	Theory	5
Dr. Goutam Ghosh Midnapur college	External	2021-22	2 nd	MCB 202.2: Gene regulation	Theory	5
Dr. Pradipta Saha Burdwan University	External	2021-22	4 th	MCB 401.2 Environmental Microbiology	Theory	5

3. The list of infrastructures and facilities of short/mid and long terms are prepared as follows -

Immediate requirement:

1. Space –
 - a. Faculty room – 5
 - b. Research lab (with AC, earthing, 15 Amp wiring facility) for the ongoing 1st project of Dr. Nandini Ghosh
 - c. Research lab (with AC, earthing, 15 Amp wiring facility) for the ongoing 1st project of Dr. Suman K Halder
 - d. Research lab (with AC, earthing, 15 Amp wiring facility) for the ongoing projects of Prof. K. C. Mondal
 - e. Computer laboratory (with AC, earthing, 15 Amp wiring facility)

- f. HoD/TIC room with adjacent office room
 - g. Class room with the seating capacity of 60 students (with 1 computer and internet facility) - 2
 - h. Instrument room with AC and earthing, 15 Amp wiring facility
 - i. Students laboratory (with AC, earthing, 15 Amp wiring facility) with capacity of 50 students - 2
 - j. Inoculation room
2. Lift for 2nd floor
 3. Ladies washroom for faculties and staff at 2nd floor
 4. Instrument
 - a. BOD Incubator shaker -3
 - b. Fermenter (5 L) - 1
 - c. Freeze - 4
 - d. -20°C refrigerator - 3
 - e. Spectrophotometer - 1
 - f. Biosafety cabinet - 2
 - g. Laminar air flow (3x2x2) - 2
 - h. Automated autoclave - 2
 - i. 2D gel electrophoresis system (Cytiva)
 - j. Protein gel electrophoresis apparatus (Cytiva) - 2
 - k. pH meter -2
 - l. Digital balance (1mg -1g) (1g - 200g) -2
 - m. Rotary evaporator-1
 - n. Freeze drier-1
 - o. Speedvac
 - p. Magnetic stirrer
 - q. Multivortex
 - r. ELISA reader
 - s. Western blotter (semi-dry system)
 - t. Phase contrast microscope
 - u. Inverted/stereo microscope
 - v. Distil water plant
 - w. Cooling centrifuge with variable rotor
 - x. Fraction collector
 - y. Colony counter
 - z. Micropipette set
 - aa. Membrane filter with vacuum pump
 - bb. Microscope with attached camera
 - cc. Computer (with UPS) - 20
 - dd. Projector - 2
 5. Repair
 - a. GC MS
 - b. HPLC
 - c. Spectrophotometer

- d. Shaking bath
- e. UPS – 2

Mid-term requirement:

Re-allocation of existing infra-structure to the new allotted space

Long term requirement:

- 1. Culture collection and preservation facilities
 - a. -80 degree freeze
 - b. Separate room

Metagenomics Lab (separate room)-

- 6. DGGE
- 7. Electrophoresis system
- 8. PCR
- 9. Nanodrop
- 10. Cooling Centrifuge
- 11. Hot Plate
- 12. Powerpack
- 13. Geldoc
- 14. 5kv Offline UPS

Cell culture Lab (separate room)

- 1. CO2 incubator

Virology lab (separate room)-

- a. BSL 2 laboratory facility with Biosafety cabinet
- b. CO2 incubator
- c. Liquid nitrogen preservation system
- d. Inverted microscope

Proteomics lab (separate room)-

- a. 2D gel electrophoresis system
- b. Gel doc
- c. MALDI- TOF/TOF

- 4. Considering the importance of collaborative research DC approve the prayer of Prof. H. N. THATOI, North Odissa University, Odissa to do some research work of two his students under the guidance of Prof. K. C. Mondal for 2 weeks. Prof. Mondal will take care of their accommodation at our University guest house.

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24.3.22