

Department of Zoology

6<sup>th</sup> January, 2021

**Sub: Minutes of the 62<sup>nd</sup> Academic and Administrative Committee (AAC) meeting of the Department of Zoology held on 6<sup>th</sup> January, 2021**

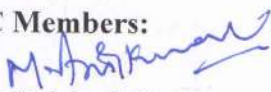
The Department of Zoology held its 62<sup>nd</sup> Academic and Administrative Committee (AAC) meeting on 6<sup>th</sup> January, 2021 at 3.30 PM. The chairman proposed the welcome note to all the members and the meeting was presided by the chairman and the convener recorded the minutes of the meeting as per discussion.


The minutes of the proceedings are as follows:


1. **Proposal for the name of BOS members:** Two names have been proposed for BOS members from industry background. The names are (A) Dr. V. Krishna Rao (Director, Head R&D, Genesis Biologics Pvt. Ltd., Hyderabad, Telegana), and (B) Dr. Rajesh, Pannacea Biotech, Punjab) and all the members agreed upon these two names. Further, it has been decided unanimously that the senior most Ph.D. scholar will be opted as one of the BOS members.
2. All the members will submit their requirements in developing the infrastructure facilities of animal house as proposed by the university in DBT-build-up grant project.
3. The themes under DBT-build-up grant have been discussed by all the faculties and will be conveyed to the DIA.
4. It has been decided unanimously that the journal club for Ph.D. students in the Department of Zoology is going to be started w.e.f. 18<sup>th</sup> January (i.e. on Monday), 2021 and will take place bi-weekly. The timing should be at 3 pm. The student, as per the seniority, should present either their Ph.D. work or any paper relevant to their research theme.
5. Proposal for MOU from Regional Research Centre of ICAR-Central Institute of Freshwater Aquaculture, Bathinda has also been discussed. All the members suggested to the HOD to invite Dr. Mukesh Kumar Bairwa (ICAR-CIFA, Bathinda) for a formal discussion first before proceeding for MOU.

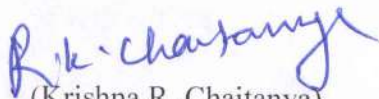
Handwritten signatures in blue ink, including a checkmark and a circled 'D'.

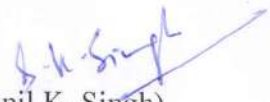
**AAC Members:**

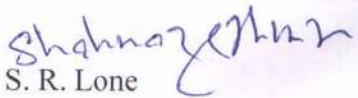
  
(Anil K. Mantha)  
Professor


  
(Aklank Jain)  
Associate Prof., & HOD/  
Chairperson

  
(Jyoti Parkash)  
Assistant Prof.

  
(Krishna R. Chaitanya)  
Assistant Prof.

  
(Sunil K. Singh)  
Assistant Prof.

  
S. R. Lone  
(DST-Ramanujan Fellow &  
Co-opted member)

  
(Debarshi Sarkar)  
Assistant Prof. & Convener

- Copy to: Members of AAC (Department of Zoology)
  - DIA Office
  - IQAC-office



Department of Zoology

31.3.2021

**Sub: Minutes of the 64<sup>th</sup> Academic and Administrative Committee (AAC) meeting of the Department of Zoology held on 31<sup>st</sup> March, 2021.**

The Department of Zoology held its 64<sup>th</sup> Academic and Administrative Committee (AAC) meeting on 31.3.2021. The chairman proposed the welcome note to all the members and put up the agenda and the meeting minutes was recorded by the convener as per discussion.

The minutes of the proceedings are as follows:

- 1. Examination pattern of M.Sc. Zoology Program (2021-22):** The examination pattern of the M.Sc. Zoology program has been divided into 3 components (**Annexure 1**): **1. Internal assessment (25 M)** which includes a) one objective-based surprise test (10 M) with time duration 15 minutes and b) Assignment/ Term Paper/Group Discussion/Open Book/Flipped classroom interaction/ Quizzing (15 M). **2. Subjective mid-semester evaluation (25 M)** which includes five 3 M questions and two 5M questions with no space limit with time duration of 1 hour **3. End semester examination (50 M) includes a)** Objective-based questions (15 M) and b) Subjective based questions (35 M) consisting of five 3 mark questions and four 5 mark question with no space limit and time duration of 2 hour and 30 minutes. **The dissertation would be evaluated for 100 M** which includes assessment by supervisor, department committee and external expert in the ratio of 40:40:20 marks. The evaluation pattern of entrepreneurship programs/external projects/dissertation would be deliberated as and when necessary guidelines would emerge.
- 2. 2<sup>nd</sup> Semester Time Table:** The time table for the second semester courses is chalked out in consultation with all the faculty members (**Annexure 2**). This will be notified to the students on or before 5.4.2021
- 3. 4<sup>th</sup> Semester MST examination:** The dates for conducting the MST examination for the 4<sup>th</sup> semester students is finalized (**Annexure 3**) and will be notified to the students accordingly.

**AAC Members:**

(Anil K. Mantha)  
Professor

M. Anilkumar  
6/4/21

Akshay  
(Aklank Jain)  
Associate Prof., & HOD/  
Chairperson

J Sharmg  
05/04/2021  
(Jyoti Parkash)  
Assistant Prof.

DIA-83  
6/4/21

P.T.O

R.k. chaitanya

(Krishna R. Chaitanya)  
Assistant Prof. & Convener

S.K. Singh  
10/5/4/2021

(Sunil K. Singh)  
Assistant Prof.

64th - A.A.C.

Shahnoor Shams  
S.R. Lone  
(DST-Ramanujan Fellow &  
Co-opted member)

4

Debarshi Sarkar  
5/10/4/2021

(Debarshi Sarkar)  
Assistant Prof.

ML

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  - DIA Office
  - IQAC-office

Sam  
WRD  
- 12/4/21

3

Annexure-1

Internal Assessment (25 M)	Mid semester examination (25 M)	End semester examination (50 M)	Dissertation (100 M)	Course Practical Examination (100 M)
1 Surprise Test (Objective-based)- 10 M  Time: 15 minutes	Subjective 5- 3 Mark questions 2- 5 Mark questions Time: 1 h No space limit	Objective-based questions- 15 M	40 M- supervisor 40 M- department committee 20 M-external expert	
Assignment/ Term Paper/Group Discussion/Open Book/Flipped classroom interaction/ Quizzing-15 M  Time and mode: As per course co-ordinator		Subjective: 35 M 5- 3 Mark questions 4- 5 Mark questions Time: 2 h 30 min No space limit		

S. K. Singh

A. S. S.  
1/4/2021

M. Anwar  
6/4/21



Department of Zoology  
Tentative Time Table: Semester -2, April, 2021 (Batch 2020-22)

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
09.00 am-10.00 am	ZOL.527 Essentials of Genetics (Dr. SL/Dr. DS)	ZOL.527 Essentials of Genetics (Dr. SL/Dr. DS)	ZOL.527 Essentials of Genetics (Dr. SL/Dr. DS)	ZOL.521 Animal Physiology-1 Dr.RKC/Dr/ AKM/Dr.DS	ZOL.521 Animal Physiology-1 Dr.RKC/Dr/ AKM/Dr.DS	ZOL.521 Animal Physiology-1 Dr.RKC/Dr/ AKM/Dr.DS
10.00 am-11.00 am	Zol.522 Immunology (Dr.SKS/Dr.JP)	Zol.522 Immunology (Dr.SKS/Dr.JP)	Zol.522 Immunology (Dr.SKS/Dr. JP)	ZOL. 540 Lab Course	ZOL. 540 Lab Course	ZOL. 540 Lab Course
11.00am-12.00pm	Zol. 572 Endocrinology (Dr. JP/Dr. DS)	Zol.572 Endocrinology (Dr. JP/Dr. DS)			ZOL. 540 Lab Course	ZOL. 540 Lab Course
12.00pm-1.00pm	ZOL. 523 Molecular Biology (Dr. RKC)	ZOL. 523 Molecular Biology (Dr. RKC)	ZOL. 523 Molecular Biology (Dr. RKC)		ZOL. 540 Lab Course	ZOL. 540 Lab Course
02.00pm-03.00pm	Zol.529 Genetic engineering (Dr. AJ)	Zol.529 Genetic engineering (Dr. AJ)		Zol.528 Basics in Neuroscience (Dr. SR Lone)	Zol.528 Basics in Neuroscience (Dr. AKM)	ZOL. 540 Lab Course
03.00pm-04.00pm					ZOL. 540 Lab Course	ZOL. 540 Lab Course
04.00pm-05.00pm					ZOL. 540 Lab Course	ZOL. 540 Lab Course
05.00pm-06.00pm					Zol.542 Seminar-1	ZOL. 540 Lab Course

A.K. Singh

A.K.

Suhani  
S.K. Chatterjee  
6/4/21

Sharma  
06/04/2021

Shahin Z. Khan

M. Ashique  
6/4/21

**Proposed Examination Dates for MiD-Semester**  
**exam (April, 2021) for 4<sup>th</sup> semester**

Name of the subject	Examination date
Cancer Biology (LAS.552)	06/04/2021
Reproductive Physiology (LAS.577)	06/04/2021
Animal Behavior (LAS.574)	08/04/2021
Metabolism (LAS. 573)	10/04/2021

\* 25 questions, 25 minutes, 25 marks | April  
1/4/2021

April  
1/4/2021

Ru  
1/4/21

S. K. Singh

S. K. Singh  
5/04/2021



Department of Zoology

31.8. 2021

**Sub: Minutes of the 65<sup>th</sup> Academic and Administrative Committee (AAC) meeting of the Department of Zoology held on 12<sup>th</sup> July 2021**

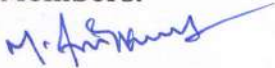
The Department of Zoology held its 65<sup>th</sup> Academic and Administrative Committee (AAC) meeting on 12.07.2021. The chairman proposed the welcome note to all the members and put up the agenda and the meeting minutes was recorded by the convener as per discussion.

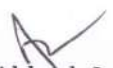
The minutes of the proceedings are as follows:

1. **SWAYAM MOOC Courses:** All faculty members have discussed about the letter received from UGC regarding PG SWAYAM MOOC offered courses in July-2021 and collectively decided that Biostatistics and Mathematical Biology (Course ID: cec21-bt12) MOOC course can be offered to our PG students of the department.
2. **Flow cytometer procurement:** All AAC members have discussed about Flow cytometry procurement file and unanimously decided to recommend further for the procurement of the instrument.

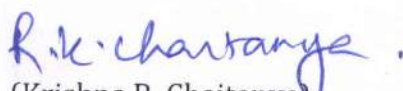
The meeting was cordially conducted and concluded.

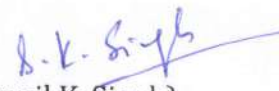
**AAC Members:**

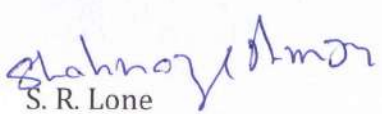
  
(Anil K. Mantha)  
Professor


  
(Aklank Jain)  
Associate Prof., & HOD/  
Chairperson

  
(Jyoti Parkash)  
Assistant Prof.

  
(Krishna R. Chaitanya)  
Assistant Prof.

  
(Sunil K. Singh)  
Assistant Prof. &  
Convener

  
S. R. Lone  
(DST-Ramanujan Fellow &  
Co-opted member)

  
(Debarishi Sarkar)  
Assistant Prof.

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CURB/204/21/1574 (A)

Department of Zoology

01.09.2021

**Sub: Minutes of the 66<sup>th</sup> Academic and Administrative Committee (AAC) meeting of the Department of Zoology held on 23<sup>rd</sup> August, 2021**

The Department of Zoology held its 66<sup>th</sup> Academic and Administrative Committee (AAC) meeting on 23.08.2021. The chairman proposed the welcome note to all the members and put up the agenda and the meeting minutes was recorded by the convener as per discussion.

The minutes of the proceedings are as follows:

- 1. 3<sup>rd</sup> Semester course distribution and time table:** All the faculty members have discussed about the course distribution and courses are allotted to the concerned faculty depending on their teaching interest and credit load. All faculty members approved the tentative time table schedule for the third semester (**Annexure 1**). This will be notified to the student's accordingly.
- 2. Annual Report:** As per email received from Annual Report and Annual Financial Report Committee, all faculty has been requested to submit their annual report at the earliest as per provided format/annexures.
- 3. MSc 3<sup>rd</sup> Semester Project Student:** All faculty members have discussed about project student allotment and same will be notified to students accordingly.

The meeting was cordially conducted and concluded.

**AAC Members:**

*M. Anil Kumar*  
(Anil K. Mantha) *1/9/2021*  
Professor & HOD (charge)

*ON Leave*  
(Aklank Jain)  
Associate Prof., & HOD/  
Chairperson

*P. Shyam*  
(Jyoti Parkash) *02/09/2021*  
Assistant Prof.

*R. K. Chaitanya*  
(Krishna R. Chaitanya)  
Assistant Prof.

*S. K. Singh*  
(Sunil K. Singh) *01/09/2021*  
Assistant Prof. &  
Convener

*Shahmoy Chhanna*  
(S. R. Lone)  
(DST-Ramanujan Fellow &  
Co-opted member)

*Debarshi Sarkar*  
(Debarshi Sarkar) *21/9/2021*  
Assistant Prof.

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- IQAC-office

*WPK*  
*3/9/21*

*file it to A.A.C.*  
*M. Anil Kumar*  
*6/9/2021*



CVPB/ZOL/148/1566/30.8.21

**Department of Zoology**  
**Time Table**  
**Semester - III (Session: 2021-22)**  
**Class Room: .....**  
**Practicals: Lab - 406**

Day	1 9 - 10 am	2 10 - 11 am	3 11 am - 12 pm	4 12 - 1 pm	5 1 - 2 pm	6 2 - 3 pm	7 3 - 4 pm	8 4 - 5 pm	9 5 - 6 pm
Monday	ZOL 599: Research Project (I)	ZOL 570: Lab Course (Practical) - III			-	ZOL 551: Developmental Biology		ZOL 513: Techniques in Life Sciences	
Tuesday	ZOL 599: Research Project (I)	ZOL 570: Lab Course (Practical) - III			-	ZOL 551: Developmental Biology	ZOL 555: Animal Physiology - II	ZOL 513: Techniques in Life Sciences	
Wednesday	ZOL 599: Research Project (I)	ZOL 599: Research Project (I)	ZOL 570: Lab Course (Practical) - III			ZOL 551: Developmental Biology	ZOL 555: Animal Physiology - II	ZOL 513: Techniques in Life Sciences	
Thursday	ZOL 599: Research Project (I)	ZOL 599: Research Project (I)	ZOL 553: Vascular Biology & ZOL 554: Neurobiology and Degeneration	ZOL 557: Basic Statistics for Sciences			ZOL 555: Animal Physiology - II	-	
Friday	ZOL 599: Research Project (I)	ZOL 599: Research Project (I)	ZOL 553: Vascular Biology & ZOL 554: Neurobiology and Degeneration	ZOL 557: Basic Statistics for Sciences	-	ZOL 551: Developmental Biology			SPORTS

M. Anitha Kumari  
 HoD: Zoology 30/8/2021

Copy to :- Dean, School of Biological Sciences/DIA  
 - IQAC  
 - Faculty - Zoology  
 - Batch - 2020-2022 (3<sup>rd</sup>-sem)

**Department of Zoology**  
**Time Table**  
**Semester - III (Session: 2021-22)**  
**Class Room: .....**  
**Practicals: Lab - 406**

Subject Code	Course Title	L (hr)	P (hr)	Cr	Course Coordinator	Other Faculty
<b>Core Courses</b>						
ZOL.551	Developmental Biology	3	-	3	Dr. Jyoti Parkash	Dr. Debarishi Sarkar
ZOL.555	Animal Physiology – II	3	-	3	Prof. Anil Mantha	Dr. Jyoti Parkash Dr. Sunil Singh Dr. Debarishi Sarkar
ZOL.513	Techniques in Life Sciences	3	-	3	Dr. Sunil Singh	Dr. Jyoti Parkash
ZOL.570	Lab Course (Practicals) –III	-	8	4	Dr. Aklank Jain	Prof. Anil Mantha Dr. Jyoti Parkash Dr. Chaitanya RK Dr. Sunil Singh Dr. S. R. Lone Dr. Debarishi Sarkar
<b>Discipline Elective Courses (Opt any one)</b>						
ZOL.553	Vascular Biology	2	-	2	Dr. Sunil Singh	-
ZOL.554	Neurobiology and Degeneration	2	-	2	Prof. Anil Mantha	Dr. S. R. Lone
<b>Compulsory Foundation</b>						
ZOL.556	Research Methodology	2	-	2	Dr. Aklank Jain	Prof. Anil Mantha
ZOL.557	Basic Statistics for Sciences	2	-	2	Dr. Debarishi Sarkar	Dr. S. R. Lone
<b>Value Added Course</b>						
ZOL.xxx	Life Sciences: Career Opportunities, Skill development & Entrepreneurship	1	-	1	Dr. Chaitanya RK	-
<b>Research Project</b>						
ZOL.599	Research Project (Part – I)	-	8	4	All faculty members as per allotment	

*M. Anilkumar*  
 HoD: Zoology  
 (charge) 30/8/2021



COPB/204/21/1667

Department of Zoology

14.10.2021

**Sub: Minutes of the 67<sup>th</sup> Academic and Administrative Committee (AAC) meeting of the Department of Zoology held on 06<sup>th</sup> October 2021**

The Department of Zoology held its 67<sup>th</sup> Academic and Administrative Committee (AAC) meeting on 06.10.2021. The chairman proposed the welcome note to all the members and put up the agenda and the meeting minutes was recorded by the convener as per discussion.

The minutes of the proceedings are as follows:

**1. Interdisciplinary (ID) courses offered to outside students as part of Academic bank of Credit:** All faculty members have discussed and collectively decided that our department can offer following three ID Courses for outside students as part of Academic bank of Credit in the coming first semester.

- ZOL.515 Fundamentals of Cell Biology
- ZOL.528 Basics in Neuroscience
- ZOL.560 Basics in Nanobiology

**2. MSc 3<sup>rd</sup> Semester Project Student allotment:** All faculty members have discussed and project distribution list was made as per project guide choices received from the students. Project allotment list will be notified to students accordingly.

The meeting was cordially conducted and concluded.

**AAC Members:**

*M. Anil Kumar*  
(Anil K. Mantha) 14/10/2021  
Professor

*Aklank Jain*  
(Aklank Jain)  
Associate Prof., & HOD/  
Chairperson

*Jyoti Parkash*  
(Jyoti Parkash)  
Assistant Prof.

*on-leave*  
(Krishna R. Chaitanya)  
Assistant Prof.

*Sunil K. Singh*  
(Sunil K. Singh)  
Assistant Prof. &  
Convener

*Shahnoze Khan*  
S.R. Lone  
(DST-Ramanujan Fellow &  
Co-opted member)

*on-leave*  
(Debarishi Sarkar)  
Assistant Prof.

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- IQAC-office

*Shruti*  
21/10/21  
*Sar*  
*WRK*