



# Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

PO BOX: 21, DHARAMSHALA, DISTRICT KANGRA – 176215, HIMACHAL

PRADESH

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## Time Table M.Sc. Computational Biology and Bioinformatics (spring semester 2020) version 3.0

| Day | Semester | 8.30-9.30          | 9.30-10.30         | 10.30-11.30        | 11.30-12.30     | 12.30-1.30         | 1.30-2.30        | 2.30-3.30        | 3.30-4.30       | 4.30-5.30       |
|-----|----------|--------------------|--------------------|--------------------|-----------------|--------------------|------------------|------------------|-----------------|-----------------|
| MON | II       | CBB 417<br>(GDS)   | CBB 417<br>(GDS)   | CBB 504<br>(SK)    | LUNCH           | CBB 504<br>(SK)    |                  |                  |                 |                 |
|     | ROOM     | CR-9               | CR-9               | CR-9               |                 | CR-9               |                  |                  |                 |                 |
|     | IV       |                    |                    |                    | CBB 499B        | CBB 499B           | LUNCH            | CBB 499B         | CBB 420<br>(SS) | CBB 420<br>(SS) |
|     | ROOM     |                    |                    |                    | Room 112        | Room 112           |                  | Room 112         | CR-9            | CR-9            |
| TUE | II       | CBB 501<br>(VS)    | CBB 501<br>(VS)    | CBB 426<br>(MK&SS) | LUNCH           | CBB 426<br>(MK&SS) | CBB<br>436(VS)   |                  |                 |                 |
|     | ROOM     | CR-9               | CR-9               | Room 112           |                 | Room 112           | CR-9             |                  |                 |                 |
|     | IV       |                    |                    |                    | CBB 499B        | CBB 499B           | LUNCH            | CBB 513A<br>(MK) | CBB 513<br>(MK) | CBB 499B        |
|     | ROOM     |                    |                    |                    | Room 112        | Room 112           |                  | CR-9             | CR-9            | Room 112        |
| WED | II       | CBB 426<br>(MK&SS) | CBB 426<br>(MK&SS) | CBB 429<br>(GDS)   | LUNCH           | CBB 429<br>(GDS)   | CBB 436<br>(VS)  |                  |                 |                 |
|     | ROOM     | Room 112           | Room 112           | Room 112           |                 | Room 112           | CR-9             |                  |                 |                 |
|     | IV       |                    |                    |                    | CBB 499B        | CBB 499B           | LUNCH            | CBB 527<br>(SK)  | CBB 527<br>(SK) | CBB 499B        |
|     | ROOM     |                    |                    |                    | Room 112        | Room 112           |                  | CR-9             | CR-9            | Room 112        |
| THU | II       | CBB<br>504(SK)     | CBB<br>504(SK)     | CBB 503A<br>(MK)   | LUNCH           | CBB 503A<br>(MK)   | CBB 416A<br>(MK) |                  |                 |                 |
|     | ROOM     | CR-9               | CR-9               | CR-9               |                 | CR-9               | CR-9             |                  |                 |                 |
|     | IV       |                    |                    |                    | CBB 499B        | CBB 499B           | LUNCH            | CBB 522<br>(VS)  | CBB 522<br>(VS) | CBB 499B        |
|     | ROOM     |                    |                    |                    | Room 112        | Room 112           |                  | CR-9             | CR-9            | Room 112        |
| FRI | II       | CBB 501<br>(VS)    | CBB 501<br>(VS)    | CBB 429<br>(GDS)   | LUNCH           | CBB 429<br>(GDS)   | CBB 416A<br>(MK) |                  |                 |                 |
|     | ROOM     | CR-9               | CR-9               | Room 112           |                 | Room 112           |                  |                  |                 |                 |
|     | IV       |                    |                    |                    | CBB 527<br>(SK) | CBB 527<br>(SK)    | LUNCH            | CBB 499B         | CBB 420<br>(SS) | CBB 420<br>(SS) |
|     | ROOM     |                    |                    |                    | CR-9            | CR-9               |                  | Room 112         |                 |                 |

Dr. Vikram Singh (VS), Dr. Mahesh Kulheria (MK), Dr. Shailendra Verma (SK), Mr. Satpal Singh (SS)

**Central University of Himachal Pradesh**  
**Centre for Computational Biology and Bioinformatics**  
**Time Table for July-Dec 2020**  
**I<sup>st</sup> and III<sup>rd</sup> Semester**

| <b>Days</b>   |         | <b>09:00</b> | <b>10:00</b> | <b>11:00</b> | <b>12:00</b> | <b>13:00</b> | <b>14:00</b> | <b>15:00</b> | <b>16:00</b> |
|---------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Mon</b>    | I SEM   | BIN407       | BIN407       |              |              |              |              | BIN405       | BIN405       |
|               | III SEM | CBB516       | CBB 516      | CBB.518      | CBB.518      |              |              | CBB.515      | CBB.515      |
| <b>Tues</b>   | I SEM   | BIN409       | BIN409       | BIN401       | BIN401       |              | BIN411       | BIN405       | BIN405       |
|               | III SEM | CBB409       | CBB.409      |              |              |              |              | CBB.515      | CBB.515      |
| <b>Wed</b>    | I SEM   | BIN403       | BIN403       |              |              |              | BIN411       | BIN404       | BIN404       |
|               | III SEM | CBB.428      | CBB.428      |              |              |              |              | CBB.536      | CBB.536      |
| <b>Thurs</b>  | I SEM   | BIN402       | BIN402       |              |              |              |              | BIN404       | BIN404       |
|               | III SEM | CBB.428      | CBB.428      | CBB.518      | CBB.518      |              |              | CBB.536      | CBB.536      |
| <b>Friday</b> | I SEM   | BIN409       | BIN409       |              |              |              |              |              |              |
|               | III SEM | CBB.526      | CBB.526      |              |              |              |              | CBB 516      | CBB 516      |

**Central University of Himachal Pradesh**  
**Centre for Computational Biology and Bioinformatics**  
**Time Table for Jan-June 2021**

| <b>Time Table for M.Sc. (II &amp; IV sem) and Ph.D. Bioinformatics<br/>(Course work) Jan-July 2021</b> |        |              |               |              |               |              |              |                 |                 |              |
|--|--------|--------------|---------------|--------------|---------------|--------------|--------------|-----------------|-----------------|--------------|
| <b>Days</b>  |        | <b>08:30</b> | <b>09:30</b>  | <b>10:30</b> | <b>11:30</b>  | <b>12:30</b> | <b>13:30</b> | <b>14:30</b>    | <b>15:30</b>    | <b>16:30</b> |
| <b>Mon</b>   | II SEM | BIN457       | BIN457        | BIN454       | BIN454        |              | BIN459       | BIN459          |                 |              |
|  | IV SEM | CBB406       | CBB406/CBB403 | CBB420       | CBB403/CBB420 |              | CBB499B      | BIN499B         | CBB499B         |              |
|  | PhD    | BIN601       | BIN601        |              |               |              | BIN608       | BIN606          | BIN606          |              |
| <b>Tues</b>  | II SEM | BIN451       | BIN451        | BIN455       | BIN455        |              | BIN410       |                 |                 |              |
|  | IV SEM | CBB408       | CBB408        | CBB513       | CBB513        |              | CBB499B      | BIN499B         | CBB499B         |              |
|  | PhD    |              |               | CPE-RPE      |               |              | BIN608       | BIN607          | BIN607          |              |
| <b>Wed</b>   | II SEM | BIN452       | BIN453        | BIN453       |               |              | BIN410       |                 |                 |              |
|  | IV SEM | CBB401       | CBB401/CBB404 | CBB420       | CBB404/CBB420 |              | CBB499B      | BIN499B         | CBB499B         |              |
|  | PhD    |              |               | BIN601       | BIN601        |              |              | BIN603          | BIN603          |              |
| <b>Thurs</b>   | II SEM | BIN452       | BIN453        | BIN453       |               |              |              |                 |                 |              |
|  | IV SEM | CBB407       | CBB407/CBB403 | CBB513       | CBB403/CBB513 |              | CBB499B /    | CBB402 / CBB522 | CBB402 / CBB522 |              |
|  | PhD    |              |               | CPE-RPE      |               |              | BIN608       |                 |                 |              |
| <b>Friday</b>  | II SEM | BIN451       | BIN451        | BIN454       | BIN454        |              | BIN459       | BIN459          |                 |              |
|  | IV SEM | CBB401/      | CBB401/CBB404 | CBB507       | CBB404/CBB507 |              | CBB499B      | CBB499B         | CBB499B         |              |
|  | PhD    | BIN603       | BIN603        | BIN606       | BIN606        |              | BIN608       | BIN607          | BIN607          |              |

**Central University of Himachal Pradesh**  
**Centre for Computational Biology and Bioinformatics**  
**Time Table for First Semester July-Dec 2021**

| Days          | SEM | 8.30 | 9.30 | 10.30 | 11.30 | 12.30 | 1.30 | 2.30 | 3.30 | 4.30 |
|---------------|-----|------|------|-------|-------|-------|------|------|------|------|
| <b>Mon</b>    | I   |      |      | 417   | 417   |       |      |      | 418  | 418  |
|               | III | 504  | 504  | 501   | 501   |       | 505  | 505  |      |      |
| <b>Tues</b>   | I   |      |      | 422   | 422   |       | 421  | 421  |      | 422  |
|               | III | 506  | 506  | 504   | 504   |       |      |      |      |      |
| <b>Wed</b>    | I   |      |      | 417   | 417   |       | 415  | 415  |      | 422  |
|               | III |      | 502  | 502   | 503   |       | 503  | 503  | 503  |      |
| <b>Thurs</b>  | I   |      |      | 420   | 420   |       | 416  | 416  |      | 421  |
|               | III |      | 502  | 502   | 503   |       | 503  | 503  | 503  |      |
| <b>Friday</b> | I   |      |      | 419   | 419   |       | 418  | 418  |      | 421  |
|               | II  | 506  | 506  | 501   | 501   |       | 505  | 505  |      |      |

| Course Code | Course Name                             | Faculty | Credits | Contact Hours |
|-------------|---|---------|---------|---------------|
| BIN 415     | Basics of Biochemistry                  |         | 2       | 2             |
| BIN 416     | Cell and Molecular Biology              |         | 2       | 2             |
| BIN 417     | Statistical Methods                     |         | 2       | 2             |
| BIN 418     | Linux and Shell Scripting Lab           |         | 2       | 4             |
| BIN 419     | Sequence Analysis                       |         | 4       | 4             |
| BIN 420     | Biomolecular Structure Analysis         |         | 2       | 2             |
| BIN 421     | Python Programming Lab I                |         | 2       | 4             |
| BIN 422     | Sequence and Structure Analysis Lab     |         | 2       | 4             |
| IKS         | University wide                         |         | 2       | 2             |
| BIN 506     | Systems Biology and Biological Networks |         | 4       | 4             |
| BIN 502     | R Programming Lab                       |         | 2       | 4             |
| BIN 501     | Computer Aided Drug Design Lab          |         | 2       | 4             |
| BIN 504     | Computational Genomics and Proteomics   |         | 4       | 4             |
| BIN 505     | Computer Aided Drug Discovery           |         | 4       | 4             |

| Project & Dissertation | Faculty       | Credits | Contact Hours |
|------------------------|---------------|---------|---------------|
| BIN 503 M. Sc. Project | MK, VKS & SKV | 4       | 8             |

Signed on 6<sup>th</sup> October, 2021