

# MINUTES OF THE ACADEMIC COUNCIL MEETING HELD ON 25 OCTOBER, 2018

## General

Prior notice for holding meeting of the Academic Council (AC) of JUIT on 25 October, 2018 was circulated among the members of the Academic Council vide E-mail dated 16 October, 2018. Accordingly, Academic Council meeting was conducted on 25 October, 2018 at 10.00 a.m. in the Board Room, Jaypee University of Information Technology, Wanknaghat.

## Attendance

The following members were present:-

### **Chairman**

Prof. Vinod Kumar Vice Chancellor, JUIT, Wanknaghat

### **Head of the Other Institution of the Trust**

Prof. S. C. Saxena Vice Chancellor, JIIT, Noida

### **Industry Professional nominated by the Pro-Chancellor**

Sh. Sunil Kumar Sharma

### **Heads of the Departments / Centres of the University**

Prof. M. J. Nigam	Head of Deptt. of ECE
Prof. S. P. Ghrera	Head of Deptt. of CSE/IT
Prof. A. K. Gupta	Head of Deptt. of CE
Dr. Sudhir Kumar	Head of Deptt. of BT/BI
Prof. Karanjeet Singh	Head of Deptt. of Mathematics
Prof. P. B. Barman	Head of Deptt. of PMS
Dr. Anupriya Kaur	Associate Professor and Head of Deptt. of HSS

### **Professors other than Heads of Departments**

Prof. Sunil Kumar Khah	Deptt. of PMS
Prof. Ashish Kumar	Deptt. of CE

### **Non-Member Secretary**

Maj Gen Rakesh Bassi, SM (Retd.) Registrar and Dean of Students

### **Leave of Absence**

Leave of absence was granted to the following members by the Chairman, Academic Council:-

Sh. Vinod Sharma	Industry Professional nominated by the Pro-Chancellor
Prof. Manoj Arora	Professor, Civil Engg. Deptt., IIT Roorkee
Prof. Padam Kumar	Dean (R&D), JIIT, Noida
Prof. Samir Dev Gupta	Director (A&R), JUIT, Wanknaghat

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**Item No. 10**      **Admission review of last three years vis-a-vis sanctioned intake - Decision for introduction of new courses, increase / decrease in take of existing courses, change of nomenclature of existing courses, discontinuation of existing courses.**

Statistics showing gradual downfall in number of admissions vis a vis the sanctioned intake of the courses were considered by the Academic Council. Prof S.C Saxena highlighted that all out efforts should be made for increasing the number of admissions. It was also suggested to retain the existing intake of 570, and if required, internal adjustments (increase / reduction) within the programs be made as per the demand of the course / program.

**Item No. 11**      **New Format of Feedback from Students.**

To have more objective and comprehensive feedback from the students, new format of Feedback was placed before the Academic Council. Academic Council approved the same with a suggestion to also incorporate attributes suggested in NBA guidelines, to make it more comprehensive. Prof. S.C Saxena suggested that the same will be implemented in other Jaypee Universities.

**Item No. 12**      **Approval of Sports Policy**

The draft Sports Policy of JUIT was placed before the Academic Council and after detailed deliberation, the same was approved.

**Item No. 13**      **Approval of the Meeting of Board of Studies (BOS) of various Departments.**

Academic Council considered the Minutes of Board of Studies (BOS) of various departments and noted the same.

**Item No. 14**      **Increase / Reduction in Sanctioned Intake of Existing Programs / Courses**

Department of Electronics and Communication had recommended for reduction in the sanctioned intake of B. Tech. (Electronics & Communication Engineering) from existing 90 sanctioned intake to 60. The item was considered and resolved that the adjustment could be made within the total sanctioned intake of 570 within the courses / programs. However, total sanctioned intake of Under Graduate programs should be retained as 570.

**Item No. 15**      **New Course Structure and detailed syllabus for B. Tech. 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year with 160 Credits / 180 Credits (with Additional Certificate of Minor Area / proficiency in steam X).**

The Academic Council considered and approved the following items:-

- (i) The Course Structure of 160 Credits as mandated by the AICTE and detailed syllabus from various departments as approved by their respective Board of Students (BOS) was considered and approved. The criteria for award of Honours degree will remain the same as approved in the Academic Council

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dated 02 December, 2017. The additional 20 credits for the award of certificate of Minor area / proficiency in steam X, 20 additional credits are required fulfilling the following criteria.

(i) (a) Conditions for Award of Additional Certificate of Minor Area

- i. Earning of minimum credits, as required for award of degree.
- ii. Earns 20 credits in addition to the credits as specified for the program in the minor area.
- iii. Additional 20 credits in a minor discipline could be earned through MOOCs also and may include supporting courses from allied discipline limited to a maximum of 6 credits.
- iv. Successfully completing the Industrial Internship within the minimum period of 4 years.
- v. Completing all the requirements of a degree in the minimum period of 4 years.

(i) (b) Conditions for award of additional certificate of proficiency in steam X

- i. Qualify for the award of B. Tech. degree in the minimum period.
- ii. Have passed in minimum of >50% of B. Tech elective subjects taken from the steam X.
- iii. Grade Point Average in the elective subjects of (ii.) is >7.0.
- iv. Major project has been done in steam X with at least 'A' grade
- v. CGPA for 195 credits (pre 2018 batch) / 160 credits (post 2018 batch) of B. Tech. level is >6.5

- (ii) Introduction of new Elective Courses and Course descriptions (**Annexure - 18**) proposed by department of Computer Sc. & Engineering.
- (iii) Introduction of new elective Course of Computational Electro Magnetism (18M1WEC331) (**Annexure - 19**) for Ph.D. students proposed by Department of Electronics and Communication Engineering.
- (iv) New elective courses and detailed syllabus (**Annexure-20**) proposed by Department of Electronics and Communication Engineering.
- (v) MOOC courses as listed in item No. 15.2(iv) of agenda proposed by Department of Electronics and Communication Engineering.
- (vi) Introduction of new elective courses and course description (**Annexure - 21**) proposed by department of Biotechnology and Bioinformatics.
- (vii) New Course of Material Science (18B11PH611) with course description (**Annexure - 22**) as compulsory Science elective for 5<sup>th</sup> Semester CSE, ECE and IT proposed by Department of PMS.
- (viii) New Course of Engineering Physics Lab-II (18B17PH271) with L-T-P of (0-0-2) of 01 credit (**Annexure - 23**) in 2<sup>nd</sup> Semester of B. Tech. CSE, ECE, IT and CE as proposed by Department of PMS.





**Department of Computer Science & Engineering and Information  
Technology, Wagnaghat**

**Minutes of the Meeting of BOS, August 2019**

Minutes of meeting of Board of Studies in the Department of Computer Science & Engineering and Information Technology was held on 22<sup>nd</sup> August 2019 at 11:00 A.M. in the Board Room, Jaypee University of Information Technology, Wagnaghat. The following resolutions were passed in the meeting:

**RESOLUTIONS:**

- 1) It was resolved to approve various Proficiency Curricula and Courses for B. Tech CSE and B. Tech IT. (placed at Annexure-I)
- 2) It was resolved to approve the bucket for Open Electives II & III for 7<sup>th</sup> semester and Open Electives IV & V for 8<sup>th</sup> semester. (placed at Annexure-II)
- 3) It was resolved to approve the curricula for minor in CSE. (placed at Annexure-III)
- 4) It was resolved to approve the curricula for minor in IT. (placed at Annexure-IV)
- 5) It was resolved to approve the revised list of departmental electives for B. Tech CSE (160 credits) duly incorporating the proficiency electives. (placed at Annexure-V)
- 6) It was resolved to approve the revised list of departmental electives for B. Tech IT (160 credits) duly incorporating the proficiency electives. (placed at Annexure-VI)
- 7) It was resolved to approve the revision of courses in the 160 credit curricula of B. Tech IT. (placed at Annexure-VII)
- 8) The report on CO-PO and PSO-PEO attainments for the odd semester 2018 was approved in the meeting (placed at Annexure-VIII).
- 9) The recommendations of the Program Evaluation Committee (PEC) report and the action taken on the recommendations were approved in the meeting (placed at Annex-IX).

  
Prof. R. S. Ghosh  
(CSE/IT Dept)

Assistant Registrar (Academics)  
Jaypee University of Information Technology  
Wagnaghat, Distt. Sonbhadra (H.P.)





## MEMBERS OF BOARD OF STUDIES (AUGUST 2019)

### Department of Computer Science & Engineering and Information Technology

1. Chairperson: Prof S P Ghrera, HOD, CSE Dept.

2. Members :

i. Dr Vivek Sehgal

ii. Dr Hemraj Saini

iii. Dr Pradeep Kumar Gupta

iv. Dr Pardeep Kumar

v. Dr Ravindra Bhatt

vi. Dr Pradeep Kumar Singh

vii. Dr Hari Singh

viii. Dr Ekta Gandotra

ix. Dr Rajinder Sandhu

x. Dr Yugal Kumar

3. Nominees from the departments of ECE, Civil, Mathematics, Physics, BT/BI, and Humanities and Social Sciences:

i. Prof. Dr. M. J. Nigam, HoD, Department of Electronics and Communication

ii. Prof. Dr. A. K. Gupta, HoD, Department of Civil Engineering

iii. Prof. Dr. Karanjeet Singh, HoD, Department of Mathematics

iv. Prof. Dr. P. B. Burman, HoD, Department of Physics and Material Science

v. Prof. Dr. Sudhir Kumar Syal, HoD, Department of Biotechnology and Bioinformatics

vi. Dr. Anupriya Kaur, HoD, Department of Humanities and Social Sciences

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4. External Experts :

- i. Prof. Dr. Sanjay Goyal, JK Lakshmipat University, Jaipur
- ii. Prof. Dr. Manu Sood, Department of Computer Science, HP University
- iii. Prof. Dr. Mayank Dave, NIT Kurukshetra

5. Representative from industry/corporate sector

- i. Sh. Prantik Thakur, Service Delivery Manager, CSC, Indore
- ii. Sh. Divyansh Srivastava, Microsoft, Redmond, WA, USA

6. Postgraduate Meritorious Alumnus:

- i. Dr. Rajkumar Tekchandani, Asst Prof, Thapar University, Patiala.



**HOD CSE/IT**

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Wanknaghat, Distt. Solan (H.P.)



## **DEPARTMENT OF CIVIL ENGINEERING**

### **MINUTES OF BOS MEETING HELD ON AUGUST 17<sup>th</sup>, 2019**

Board of Studies meeting was held on 17<sup>th</sup> August 2019 in board room at 11.00 a.m. The following were present:

Prof. Ashok Kumar Gupta, Chairman

Dr. Ashish Kumar, Professor, Member

Dr. Rajiv Ganguly, Associate Professor, Member

Prof. (Dr.) P.B. Barman, HOD, Dept. of Physics & Material Science, Member

Dr. Hemraj Saini, Nominee (HoD CSE)

Dr. Anil Kant Thakur, Nominee (HoD BT & BI)

Dr. Naveen Jaglan, Nominee (HoD ECE)

Dr. Saurabh Rawat, Member Secretary

Mr. Tanmay Gupta, Special Invitee

#### **Agenda 1: Minor and Proficiency Programme in Civil Engineering**

After detailed deliberations, Agenda I was approved unanimously as attached under Annexure-I.

#### **Agenda 2: M.Tech. Program in Transportation Engineering by Civil Engineering Department**

Prof. Ashok Kumar Gupta suggested the new M. Tech. Program and its significance due to the increasing demand of Transportation and Highway Engineers. It was suggested by the members to increase total credits of the programme to 76 credits, at par with other running programmes. After detailed deliberations, M. Tech. programme was approved unanimously as attached under ANNEXURE – II.

#### **Agenda 3: Admission criteria for M. Tech. Program in Environmental Engineering**

Prof. Ashok Kumar Gupta suggested B. Tech. in Civil Engineering / Chemical Engineering / Environmental Engineering to be eligible for admission in M. Tech. Environmental Engineering (EE) Programme. He also recommended for acquiring this practise in accordance to premium institutes like IITs/NITs/ CFTIs. After discussion, the members suggested addition of B. Tech. in Biotechnology/ M.Sc. in Environmental Engineering and M. Sc. in Chemistry also to the proposed agenda. The same was approved after discussion.

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**Agenda 4: Minutes of Departmental Consultative Committee as given in Annexure III for perusal and discussion.**

Prof. Ashok Kumar Gupta briefed about the minutes of Departmental Consultative Committee, which were approved unanimously and attached under ANNEXURE - III.

**Agenda 5: Updation of existing list of journals for Ph.D. programme in Civil Engineering.**

Prof. Ashok Kumar Gupta informed about the addition of three new SCOPUS indexed Journals which have been added to the existing list of Journals maintained by the Department of Civil Engineering. The added Journals were approved by all the members and are given at ANNEXURE – IV.

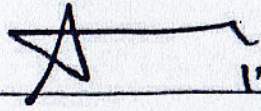
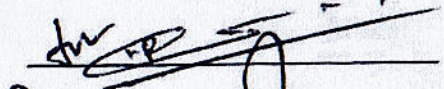
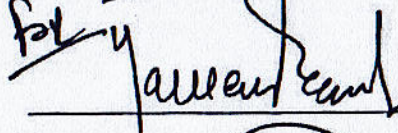
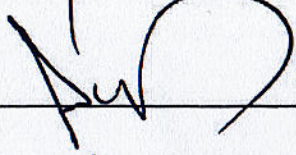
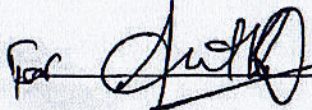
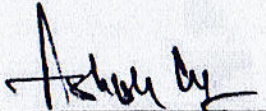
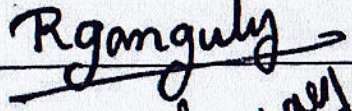
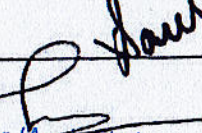




Attendance Sheet

Agenda for Board of Studies Meeting, August 17, 2019

Venue: JUIT Board Room at 11:00 AM

S. No.	Members	Signature
1.	Prof. (Dr.) Ashok Kumar Gupta, Chairman	 17/8/19
2.	Prof. S K Singh, PEC Chandigarh, Member	_____
3.	Dr. Yeshpal Vashishtha, Executive engineer, HPPWD Kangra, H. P., Member	_____
4.	Ms. Surabhi Sharma, Assistant Professor, J. N. Government Engineering College, Sundernagar, Mandi, H. P. Member	_____
5.	Prof. (Dr.) Brig. S.P. Ghrera (Retd.) HOD, Dept. of CSE & IT, Member	
6.	Prof. (Dr.) M. J. Nigam, HOD, Dept. of ECE, Member	 17/8/19
7.	Prof. (Dr.) P.B. Barman, HOD, Dept. of Physics & Material Science, Member	 17/8/19
8.	Prof. (Dr.) Sudhir Kumar, HOD, Dept. of BT&BI, Member	 17/8/19
9.	Prof. (Dr.) Karanjeet Singh, HOD, Dept. of Mathematics, Member	_____
10.	Dr. Anupriya Kaur, HOD, Dept. of HSS, Member	_____
11.	Dr. Ashish Kumar, Professor, Member	
12.	Dr. Rajiv Ganguly, Associate Professor, Member	
13.	Dr. Saurabh Rawat, Member Secretary	 17/8/19
14.	Mr. Tanmay Gupta, Special Invitee	_____



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Department of Electronics and Communication Engineering

JUIT Wagnaghat

A meeting of Board of Studies of the Department of Electronics and Communication Engineering was held on 17.08.2019 at 09:30 AM in the Board Room.

The following members were present

1. Prof. M.J. Nigam	Chairman
2. Prof. Samir Dev Gupta	Dean A & R
3. Dr. Balwinder Singh	External Member
4. Dr. Rajiv Kumar	Member
5. Dr. Shruti Jain	Member Secretary
6. Dr. Meenakshi Sood	Member
7. Dr. Neeru Sharma	Member
8. Dr. Shweta Pandit	Member
9. Dr. Vikas Baghel	Member
10. Dr. Naveen Jaglan	Co-opted Member
11. Dr. Nafis uddin Khan	ECE Department
12. Prof. P. B. Barman	HOD, PMS Department
13. Dr. Anil Kant	Representative BT & BI Department
14. Ms. Triambica Gautam	Representative HSS Department

**Leave of absence**

Leave of absence was granted to the following members by the Chairman Board of Studies:

1. Prof. C.C.Tripathi (External Member)
2. Prof. Debasis Ghosh (External Member)

The Chairman welcomed all the members who were present for the meeting. The meeting thereafter deliberated on agenda items as had been approved by the Chairman.

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Wagnaghat, Distt. Solan (H.P.)





**Item No. 1 | Confirmation of minutes of Last Meeting of the Board of Studies held on 23.03.2019.**

As per the suggestion of Prof. D. Ghosh in the last BoS meeting, **Automatic Control System** has been added in 160 course curriculum in 3<sup>rd</sup> semester.

Also, change in course titles, syllabi of laboratory courses and addition of professional & open electives has been incorporated in the new scheme.

Rest approved

**Item No. 2: To consider the approval of B-Tech ECE Proficiency in Embedded Systems, Communication Technology, Machine Learning, Signal Processing, Digital Image Processing , and Microwave and RF Design**

The new titles of B-Tech Proficiency Program in ECE were approved in lieu of Item No 6 of BoS held on 23-03-2019.

Changes have been approved.

**Item No. 3 : To consider the approval of course titles for B-Tech Proficiency Program in ECE.**

All the course titles in every proficiency field have been approved.

**Item No. 4 : To consider the approval of course titles for B-Tech Minor Program in ECE.**

As per the suggestion of Dr. Meenakshi Sood, **Biomedical Signal Processing** course has been replaced to any Elective course run by the department.

Rest as recommended was approved.

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**Item No. 5 : To revise the elective course of "Network Theory".**

As recommended was approved

**Item No 6: To approve the Course Outcomes (COs) - Program Outcomes (POs) - Program Specific Outcomes (PSOs) attainments for 2018-19 (Odd Semester 2018 and Even Semester 2019).**

As recommended was approved

**Item No.7: To approve the newly floated Ph.D. course and its syllabus.**

Dr. Balwinder Singh has suggested some changes in the syllabus. As per the suggestions changes has been incorporated and provided in **Appendix A**.

**Item No 8: To approve the MOOCs to be introduced during the Academic Session 2019-20 for all batches of ECE.**

Board has suggested giving only one MOOC of Computer Vision instead of two. So Introduction of Computer Vision has been deleted.

Rest all courses were approved.

**Item No. 9: Any other item with the permission of the Chair.**

Open Elective floated for 6<sup>th</sup> semester of 3 credits (3-0-0) for 2017 batch will be considered as Professional elective. The list of electives and their syllabi is provided in **Appendix B**

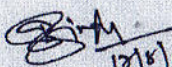
The meeting concluded at 10:30AM with a vote of thanks by **Prof. M. J. Nigam**, Chairman Board of Studies.


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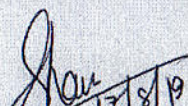


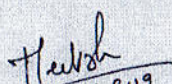


Absent  
(Prof. D. Ghosh)

  
(Dr. Balwinder Singh)

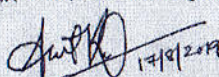
  
(Prof. Samir Dev Gupta) 17/08/2019

  
(Dr. Shruti Jain)

  
(Dr. Meenakshi Sood)

  
(Dr. Vikas Baghel)


/  
(HOD, BT / BI Department)

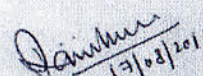
  
(HOD, Mathematics Department)

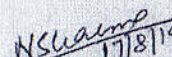
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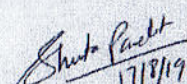
Absent  
(HOD, Civil Engineering Department)

Absent  
(Prof. C.C. Tripathi)

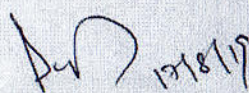
  
(Prof. M. J. Nigam)

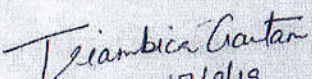
  
(Dr. Rajiv Kumar)

  
(Dr. Neeru Sharma)

  
(Dr. Shweta Pandit)

Absent  
(HOD, CSE/ IT Department)

  
(HOD, PMS Department)

  
(HOD, HSS Department)





**Department of Biotechnology and Bioinformatics  
JUIT Wagnaghat**

**Minutes of BoS meeting held on 08.08. 2019**

A meeting of Board of Studies of the Department of Biotechnology & Bioinformatics was held on 08.08. 2019 at 12:30 PM in the Boardroom.

**Following BoS Members and attendees were present.**

1	Dr. Sudhir Kumar, Head, Department of Biotechnology and Bioinformatics, JUIT Wagnaghat.	<i>[Signature]</i> 8/8/19
2	Dr Harish Changotra Associate professor, Department of Biotechnology and Bioinformatics, JUIT Wagnaghat (Member BoS)	<i>[Signature]</i> 8/8/19
3	Head (or Representative), Department of Computer Science and Engineering, JUIT Wagnaghat (Member BoS)	
4	Head (or Representative), Department of Electronics and Communication Engineering, JUIT Wagnaghat. (Member BoS)	<i>[Signature]</i> 8/8/19
5	Head (or Representative), Department of Physics and Materials Science, JUIT Wagnaghat. (Member BoS)	
6	Head (or Representative), Department of Civil Engineering, JUIT Wagnaghat. (Member BoS)	<i>[Signature]</i> 08/8/19
7	Head (or Representative), Department of Humanities and Social Sciences, JUIT Wagnaghat. (Member BoS)	<i>[Signature]</i> 8/8/19
8	Dr. Tiratha Raj Singh, Associate Professor, Department of Biotechnology and Bioinformatics, JUIT Wagnaghat (Invited attendee as M. Tech. coordinator)	<i>[Signature]</i> 08/08/19
9	Dr Udaybani Assistant professor, Department of Biotechnology and Bioinformatics, JUIT Wagnaghat (Invited attendee as B. Tech. coordinator)	<i>[Signature]</i> 8/8/19
10	Dr. Jayashree Assistant Professor, Department of Biotechnology and Bioinformatics, JUIT Wagnaghat (Member Secretary BoS)	<i>[Signature]</i> Jayashree
11	Dr. Saurabh Bansal Assistant Professor, Department of Biotechnology and Bioinformatics, JUIT Wagnaghat (Member Secretary BoS)	<i>[Signature]</i> 08/08/2019

*Updated minutes after corrections  
in point (Agenda No. 1).*

*[Signature]*  
22/8/19



Assistant Registrar (Academics)  
Jaypee University of Information Technology  
Wagnaghat, Distt. Solan (H.P.)



Professor Sudhir Kumar presented the agenda items one by one before the house for discussion/approval. Following are the recommendation/ resolutions of the BoS.

### Agenda Item 1

1. To consider the approval of offering following Proficiency areas in B. Tech Biotechnology and B. Tech Bioinformatics with a minimum of >50% of B. Tech Elective subjects taken from any of the stream mentioned below. The other conditions for attaining Proficiency are as approved by ACM of October 25, 2018.

**Discussion:** Professor Sudhir Kumar explained the proposed Proficiency areas and the respective course credits.

- a. B. Tech Biotechnology Proficiency: Industrial Biotechnology
- b. B. Tech Biotechnology Proficiency: Medical Biotechnology
- c. B. Tech. Bioinformatics Proficiency: Biomedical Informatics
- d. B. Tech. Bioinformatics Proficiency: Systems Biology

Members were of the view that courses can be added or shuffled in the respective proficiencies

**Resolution:** Members approved the same and suggested some changes as listed below:

- In Medical Biotechnology : Inclusion of one elective in the 7<sup>th</sup> Semester (Stem Cells and Regenerative Medicines)
- In Biomedical Informatics: Computational Biomedical Image Analysis could be offered in 5<sup>th</sup> Semester and Stem Cells and Regenerative Medicines could be shifted to 7<sup>th</sup> Semester
- In Systems Biology: Comparative & functional genomics could be offered in the 5<sup>th</sup> semester and NGS Data analysis & Applications in the 7<sup>th</sup> semester

### Agenda Item 2

To consider the approval of offering following Minor areas of 20 Credit each in Biotechnology and Bioinformatics: Minor in Biotechnology & Minor in Bioinformatics

**Discussion:** Professor Sudhir Kumar explained the proposed Minor areas and the respective course credits.

**Resolution:** Approved as presented

### Agenda Item 3

Any other item with the permission of the Chair:

To consider the approval of minor modifications in Integrated M.Tech course curriculum with additional 12 Course credits to match 75 credits of M.Tech program

**Discussion:** Minor Change in the course curriculum to be offered was proposed by Prof Sudhir Kumar, as listed below:

- To match the M.Tech Course Curriculum the dissertation credit is revised to 10 credits each in the 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> semester
- Further, one elective from M.Tech curriculum with 03 credits is included each in the 10<sup>th</sup> & 11<sup>th</sup> semester
- An advanced lab course (Advanced Bioinformatics Lab) to match M. Tech Course curriculum with course credit 01 is introduced in the 10<sup>th</sup> semester (Course is already approved for the M.Tech Program)

Assistant Registrar (Academics)  
Jaypee University of Information Technology  
Waknaghat, Distt. Solan (H.P.)





The elective courses will be selected from the list of already approved electives of the departmental M.Tech program.

	Code	Credits	Electives in 10 <sup>th</sup> Semester
1		03	Food Processing & Engineering
2		03	Plant Tissue Culture Technologies
3		03	Advances in Computational System Biology
4		03	Microbial Ecology

	Code	Credits	Electives in 11 <sup>th</sup> Semester
1		03	Vaccine Production
2		03	QC Analysis and Management
3		03	Plant Biotechnology
4		03	Advances in Gene manipulations
5			

*[Signature]*  
Dr. Udayabanu Assistant Professor  
Department of BT & BI  
JUIT

*Nothing change as suggested have been*

*[Signature]* incorporated  
Prof. Samir Dev Gupta  
Director & Academic Head 21/08/2018  
JUIT

*[Signature]*  
Prof. Sudhir Kumar  
Chairman BoS,  
Department of BT & BI JUIT

Item No. 1 is not as per the approval of the decision.

Prof. Vinod Kumar,  
Vice Chancellor,  
JUIT

*minutes 25*  
Item No. 1 is corrected as per ACM Oct 2018.  
- updated minutes are attached in BOS file.

*[Signature]*  
22/8/19

*[Signature]*  
22/8/19



Assistant Registrar (Academics)  
Jaypee University of Information Technology  
Waknaghat, Distt. Solan (H.P.)



## Proficiency Courses in CSE & IT Discipline

Proficiencies proposed and the elective courses relevant to each proficiency are outlined below. A student is required to take 50% of the electives in the regular curricula from the list of courses prescribed for each proficiency.

### **i. Proficiency in Information Security**

As digital information moves to a more networked and globalized infrastructure, it is essential that one should understand the threats to this information. The creation of effective corporate- wide security plans with well established security programs, policies, controls, and procedures as well as awareness and training initiatives is getting more focus with the rising demand of Information security professionals.

Proficiency in Information security consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credits
Elective -1	18B1WCI532	5th Sem	Data Compression	2
Elective -1	18B1WCI572	5th Sem	Data Compression Lab	1
Elective -2	19B1WCI631	6th Sem	Digital Forensics	2
Elective -2	19B1WCI671	6th Sem	Digital Forensics lab	1
Elective -3	19B1WCI632	6th Sem	Information Security	2
Elective -3	19B1WCI672	6th Sem	Information Security Lab	1
Elective -4	18B1WCI734	7th Sem	Cryptography & network security	2
Elective -4	18B1WCI774	7th Sem	Cryptography & network security Lab	1
Elective -5	19B1WCI736	7th Sem	Information Auditing & Risk Management	3
Elective -6	19B1WCI831	8th Sem	Ethics and Information Technology	3

### **ii. Proficiency in Data Sciences**

Unlike classical statistics, the need to process and manage massive amounts of data has become a key feature of modern statistics. Data Science provides a foundation for problem- solving in a data-driven society. Data Science applies core concepts in computer science, statistics and mathematics to problems in a wide variety of fields, from physical, social, biomedical, and behavioral sciences to arts and humanities. This proficiency will enable students with preliminary data collection, manipulation, access and/or analysis skills as are appropriate to data needs in their majors.

Proficiency in Data Sciences consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credits
Elective -1	20B1WCI531	5th Sem	Foundation for Data Science and Visualization	2
Elective -1	20B1WCI571	5th Sem	Data Science and Visualization Lab	1
Elective -2	18B1WCI634	6th Sem	Machine Learning	2
Elective -2	18B1WCI674	6th Sem	Machine Learning Lab	1
Elective -3	20B1WCI732	6th Sem	From Graph to Knowledge Graph	2
Elective -3	20B1WCI772	6th Sem	From Graph to Knowledge Graph Lab	1
Elective -4	19B1WCI731	7th Sem	Computational Data Analysis	2
Elective -4	19B1WCI771	7th Sem	Computational Data Analysis lab	1
Elective -5	19B1WCI737	7th Sem	Optimization Methods in Business Analytics	3
Elective -6	18B1WCI832	8th Sem	Social and Information Network Analysis	3





**iii. Proficiency in Machine Learning**

Rising demand of Machine learning (ML) have exploded in importance in recent years and garnered attention in a wide variety of application in diverse areas such as bioinformatics, fraud detection, intelligent systems, perception, finance, information retrieval, and other areas. This proficiency will allow undergraduates to learn about the core principles of machine learning.

Proficiency in machine learning consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credit
Elective -1	20B1WCI531	5th Sem	Foundation for Data Science and Visualization	2
Elective -1	20B1WCI571	5th Sem	Data Science and Visualization Lab	1
Elective -2	18B1WCI634	6th Sem	Machine Learning	2
Elective -2	18B1WCI674	6th Sem	Machine Learning Lab	1
Elective -3	18B1WCI635	6th Sem	Data Mining & Data Warehousing	2
Elective -3	18B1WCI675	6th Sem	Data Mining & Data Warehousing Lab	1
Elective -4	18B1WCI734	7th Sem	Cryptography& network security	2
Elective -4	18B1WCI774	7th Sem	Cryptography& network security Lab	1
Elective -5	19B1WCI736	7th Sem	Information Auditing & Risk Management	3
Elective -6	19B1WCI832	8th Sem	Probabilistic Graphical Models	3

**iv. Proficiency in Computer Graphics**

Computer Graphics provides an exciting and rapidly developing industry with myriad opportunities for working in film and TV, scientific and medical visualisation, computer games and the web. This proficiency will allow undergraduates to focus on producing computer-generated graphics and is particularly useful for those interested in animation, and game designing.

Proficiency in computer graphics consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credit
Elective -1	20B1WCI531	5th Sem	Foundation for Data Science and Visualization	2
Elective -1	20B1WCI571	5th Sem	Data Science and Visualization Lab	1
Elective -2	19B1WCI633	6th Sem	Computer Animation	2
Elective -2	19B1WCI673	6th Sem	Computer Animation Lab	1
Elective -3	18B1WCI636	6th Sem	Digital Image processing	2
Elective -3	18B1WCI676	6th Sem	Digital Image processing Lab	1
Elective -4	19B1WCI732	7th Sem	Game Development and Design	2
Elective -4	19B1WCI772	7th Sem	Game Development Lab	1
Elective -5	18B1WCI840	7th Sem	Computer Vision	3
Elective -6	19B1WCI833	8th Sem	Information Modeling	3





v. **Proficiency in Big Data and Visual Analytics**

Big Data and Business Analytics is a fast growing field with applications in business decision making, patient care, political decision making, criminal justice, IT security etc. This proficiency provides knowledge of key concepts, methods, techniques, and tools of big data and visual analytics from organization perspective to the various undergraduates.

Proficiency in big data and visual analytics consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credit
Elective -1	19B1WCI531	5th Sem	Big Data using Hadoop	2
Elective -1	19B1WCI571	5th Sem	Big Data using Hadoop Lab	1
Elective -2	18B1WCI634	6th Sem	Machine Learning	2
Elective -2	18B1WCI674	6th Sem	Machine Learning Lab	1
Elective -3	18B1WCI635	6th Sem	Data Mining & Data Warehousing	2
Elective -3	18B1WCI675	6th Sem	Data Mining & Data Warehousing Lab	1
Elective -4	19B1WCI731	7th Sem	Computational Data Analysis	2
Elective -4	19B1WCI771	7th Sem	Computational Data Analysis lab	1
Elective -5	19B1WCI738	7th Sem	Introduction to Deep Learning	3
Elective -6	19B1WCI834	8th Sem	Information Visualization	3

vi. **Proficiency in Image Analysis and Processing**

Recent explosive growth of digital imaging technology makes the problems of automated image interpretation more exciting and relevant than ever. Image analysis and processing is a highly interdisciplinary field of study that incorporates elements from mathematics, engineering, and computer science to understand, design, and utilize imagery and imaging systems to study scientific phenomena. This proficiency provides knowledge of modern methods of automatic processing and analysis of digital images and video, and methods of image understanding and computer vision to the various undergraduates.

Proficiency in image analysis and processing consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credit
Elective -1	19B1WCI532	5th Sem	Image Analysis and Pattern Recognition	2
Elective -1	19B1WCI572	5th Sem	Image Analysis and Pattern Recognition Lab	1
Elective -2	19B1WCI634	6th Sem	Computer and Robot Vision	2
Elective -2	19B1WCI674	6th Sem	Computer and Robot Vision lab	1
Elective -3	18B1WCI636	6th Sem	Digital Image processing	2
Elective -3	18B1WCI676	6th Sem	Digital Image processing Lab	1
Elective -4	20B1WCI731	7th Sem	Artificial Intelligence	2
Elective -4	20B1WCI771	7th Sem	Artificial Intelligence Lab	1
Elective -5	18B1WCI840	7th Sem	Computer Vision	3
Elective -6	19B1WCI834	8th Sem	Information Visualization	3





**vii. Proficiency in Cloud Computing**

With the wide usage of Internet and the increasing popularity of mobile computing devices (e.g. smartphones, tablets, and laptops) in society, computer users are migrating their computing usage and data storage from a single personal computing environment to a web- based, distributed and networked computing environment. This proficiency will equip undergraduates with the essential knowledge of cloud computing and various tools and technologies.

Proficiency in cloud computing consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credit
Elective -1	20B1WCI532	5th Sem	Cloud Computing: Concepts, Technology & Architecture	2
Elective -1	20B1WCI572	5th Sem	Cloud Computing: Concepts, Technology & Architecture Lab	1
Elective -2	18B1WCI634	6th Sem	Machine Learning	2
Elective -2	18B1WCI674	6th Sem	Machine Learning Lab	1
Elective -3	19B1WCI635	6th Sem	Architecting Distributed Cloud Applications	2
Elective -3	19B1WCI675	6th Sem	Architecting Distributed Cloud Applications Lab	1
Elective -4	20B1WCI731	7th Sem	Artificial Intelligence	2
Elective -4	20B1WCI771	7th Sem	Artificial Intelligence Lab	1
Elective -5	18B1WCI736	7th Sem	Storage Networks	3
Elective -6	19B1WCI835	8th Sem	Cloud Computing Security	3

**viii. Proficiency in Human Computer Interaction**

Human-Computer Interaction (HCI) is the study of how humans interact with technology through principled design, communication, and construction. HCI addresses the design, evaluation, and implementation of computer based systems for the benefit of human use. This proficiency provides undergraduates core knowledge about techniques for building successful user interfaces.

Proficiency in human computer interaction consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credit
Elective -1	19B1WCI533	5th Sem	Human-Computer Interaction	2
Elective -1	19B1WCI573	5th Sem	Human-Computer Interaction Lab	1
Elective -2	19B1WCI636	6th Sem	Computability, Complexity & Algorithms	2
Elective -2	19B1WCI676	6th Sem	Computability, Complexity & Algorithms Lab	1
Elective -3	18B1WCI638	6th Sem	Pattern Recognition	2
Elective -3	18B1WCI678	6th Sem	Pattern Recognition Lab	1
Elective -4	20B1WCI731	7th Sem	Artificial Intelligence	2
Elective -4	20B1WCI771	7th Sem	Artificial Intelligence Lab	1
Elective -5	18B1WCI840	7th Sem	Computer Vision	3
Elective -6	19B1WCI836	8th Sem	Knowledge-Based AI: Cognitive Systems	3



ix. **Proficiency in Artificial Intelligence**

With the rapid increase in data volumes, advanced algorithms, and improvements in computing power and storage have made possible for machines to learn from experience and perform human-like tasks. Artificial Intelligence has fulfilled this dream which can be applied to almost every field. This proficiency introduces students to the techniques of artificial intelligence programming and the basic theoretical concepts of artificial intelligence, knowledge representation, and automated reasoning.

Proficiency in artificial intelligence consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credit
Elective -1	20B1WCI531	5th Sem	Foundation for Data Science and Visualization	2
Elective -1	20B1WCI571	5th Sem	Data Science and Visualization Lab	1
Elective -2	18B1WCI634	6th Sem	Machine Learning	2
Elective -2	18B1WCI674	6th Sem	Machine Learning Lab	1
Elective -3	19B1WCI637	6th Sem	Statistics and Exploratory Data Analytics	2
Elective -3	19B1WCI677	6th Sem	Statistics and Exploratory Data Analytics Lab	1
Elective -4	20B1WCI731	7th Sem	Artificial Intelligence	2
Elective -4	20B1WCI771	7th Sem	Artificial Intelligence Lab	1
Elective -5	19B1WCI738	7th Sem	Introduction to Deep Learning	3
Elective -6	19B1WCI837	8th Sem	Reinforcement Learning	3

x. **Proficiency in Social Computing**

The collaborative exchange of ideas is essential to the success of difficult initiatives, including software architecture and design, project management and organizational transformation. Technology has made collaboration at a distance possible in new ways that present their own set of challenges. Social computing is concerned with systems of this sort and the mechanisms and principles that underlie them. This proficiency introduces undergraduates to the major challenges and opportunities for creating online communities.

Proficiency in social computing consist the following major disciplines:

Elective	Course Code	Semester	Name of the Subjects	Credit
Elective -1	19B1WCI534	5th Sem	Social Media	2
Elective -1	19B1WCI574	5th Sem	Social Media Lab (Node XL)	1
Elective -2	19B1WCI638	6th Sem	Statistics and Data Science	2
Elective -2	19B1WCI678	6th Sem	Statistics and Data Science Lab	1
Elective -3	20B1WCI732	6th Sem	From Graph to Knowledge Graph	2
Elective -3	20B1WCI772	6th Sem	From Graph to Knowledge Graph Lab	1
Elective -4	20B1WCI731	7th Sem	Artificial Intelligence	2
Elective -4	20B1WCI771	7th Sem	Artificial Intelligence Lab	1
Elective -5	18B1WCI737	7th Sem	Cloud Computing	3
Elective -6	18B1WCI832	8th Sem	Social and Information Network Analysis	3



Department of CSE, Proficiency List of Students for 2020-2021 and 2021-2022 for the batch of CSE 2018 -2022.

S.No	Roll no	Student	Proficiency Semesters												Proficiency Status				
			Sem -5		Sem -5		Sem -6		Sem -6		Sem -6		Sem -7			Sem -7		Sem -8	
			2	1	2	1	2	1	2	1	2	1	3	3					
1.	181218	Kautilya	A	A	A	A	A	A+	A+	A+	A	B	B+	A	Proficiency Dropped				
2	181226	Sahil Dhiman	B+	B	A	A+	A	A	B+	B	B+	B	B	B+	Proficiency Dropped				
3	181271	Aniket Katoch	B+	B+	B+	B+	A+	A+	B+	B+	B+	B+	B	A	Proficiency Dropped				
4	181300	Chirayushya M Singh	A	B+	A	A	A	A+	A	A	B+	B+	B+	A	Proficiency Dropped				
5	181302	Ishan Thakur	A	A+	B+	A	A	A+	A	B+	A	A	A	A+	Proficiency Dropped				
6	181312	Ishan Verma *	B+	B	B	B	B+	A+	A	B	A	B	B		Proficiency Dropped				
7	181313	Vishal	B+	B+	B+	B+	A	A	A	A	A	B+	B+	A	Proficiency Dropped				
8	181316	Shubham Chauhan	A	A+	B+	A+	A+	A+	A	A+	A	A	B+	A	Proficiency Dropped				
9	181317	Karan Sharma	B	B+	A	B+	B+	B+	B+	B	A	A	B	B+	Proficiency Dropped				
10	181333	Pranav Verma	B+	B	B+	B	A	A	A	C+	A	A	C+	B	Proficiency Dropped				
11	181343	Saurabh Shukla *	A	B	B	B	B+	A+	A+	B	A	A	C	C	Proficiency Dropped				
12	181352	Tannay Kumar	B+	B+	A	B+	A+	A+	A+	A	A	B+	B+		Proficiency Dropped				
13	181362	Tejaswee Aditya Tewari	A	B	C+	B+	A	A	B+	B	B	B	B+		Proficiency Dropped				
14	181379	Ayush Bari	B+	B	B+	A	A	A+	A	B	B	B+	B	A	Proficiency Dropped				
15	181382	Vikrant Singh Jaryal	A+	A	B+	A	A	A+	B+	B	A	A	C+	B+	Proficiency Dropped				
16	181384	Raghav Minhas	A	C+	B+	A	A	A+	A	B+	B+	B	B	B+	Proficiency Dropped				
17	181430	Nikhil Naresh	B	A	B+	A	A	A+	A+	B	A	A	B+	A	Proficiency Dropped				
18	181432	Utkarsh Pandit	B+	B	B	B+	B+	A+	A	B	A	B	B	C+	Proficiency Dropped				
19	181442	Preetam Kumar Tripathy	A	A	A	A+	A	A	A	B	A	A	B+		Proficiency Dropped				
20	181462	Avirukh Dahiya	A	B+	A	A	A	A+	A	B	A	A	C+	A	Proficiency Dropped				
21	181201	Akhilesh	A	B+	A+	A	A	A	A	B	A	A	B	A	Proficiency in Artificial Intelligence				
22	181208	Muskan Thakur	A	A	A	B+	A	A	A	B	A	A	B+	A+	Proficiency in Artificial Intelligence				
23	181214	Arnolik Vivian Paul	B+	B+	A	B+	A	A	B+	B	B	B+	B+	A	Proficiency in Artificial Intelligence				
24	181228	Rashi Singh	A	A	A+	B+	A+	A+	A	A	A	A	A	A	Proficiency in Artificial Intelligence				
25	181233	Parth Dikshit	A+	A	A	A	A	A	A	B+	A	A	B+	A	Proficiency in Artificial Intelligence				
26	181239	Taranjit Chadha	A	A	A+	A+	A	A	A	B	A	B	B	B	Proficiency in Artificial Intelligence				
27	181240	Shubham Tandon	B	B	B+	A	A	A	B+	D	B	B	D		Proficiency in Artificial Intelligence				
28	181243	Abhishek Gupta	B+	B+	A	A	A	A	B+				B	A+	Proficiency in Artificial Intelligence				
29	181244	Aashish Chauhan	B	B						B	A	A	C+	B	Proficiency in Artificial Intelligence				
30	181245	Anil Kushwaha	B	B	A	A	A	A	B+	B	B	B	C+	A	Proficiency in Artificial Intelligence				
31	181247	Ritik Srivastava	B+	B+	A+	B+	A+	A+	B+	B	A	A	B	B	Proficiency in Artificial Intelligence				
32	181248	Alok Pratap Singh	B	B	A	A	A	A+	B+	B	A	A	B	B	Proficiency in Artificial Intelligence				
33	181253	Akshat Agarwal	B+	B	A	B+	B+	A	B+	B	B	B+	C+	B	Proficiency in Artificial Intelligence				
34	181269	Kavya Nagpal	A+	A	A+	A+	A+	A+	A+	B+	B	A	B+	A+	Proficiency in Artificial Intelligence				
35	181279	Shreya Chaudhary	A	A	A	A	A	A	A	B	B	B+	B+	A	Proficiency in Artificial Intelligence				
36	181282	Advait Agnihotri	A	B+	A	A	A	A	A	B	B	B	B	B+	Proficiency in Artificial Intelligence				
37	181285	Aanchal Thakur	B+	B+	A+	A	A	A	A+	B+	B+	B	B	B+	Proficiency in Artificial Intelligence				





[illegible]



82	181283	Poorvansh Gupta	A	B	A+	B+	A	A	A	A	B	B+	B	A	Proficiency in Cloud Computing
83	181284	Utkarsh Bakshi	A	A	A	A	A	A	A	A	B	B+	B	A+	Proficiency in Cloud Computing
84	181288	Abhishek Semwal	B+	B+	A	A	A	A	A	A	B+	B+	B+	A	Proficiency in Cloud Computing
85	181305	Utsav Saxena	A	B+	A	A	A	A	A	A	B	A	B+	A	Proficiency in Cloud Computing
86	181318	Harsh Singhal	B+	A	A	A	B+	A	A	A				B	Proficiency in Cloud Computing
87	181319	Pranav Dabra	A	A	A	B+	A	A	A	A	B	A	B+	B	Proficiency in Cloud Computing
88	181323	Shivak Gupta	A	B+	A	B+	A	A	A	A	B	A	B+	B	Proficiency in Cloud Computing
89	181325	Aditya Narayan Singh	A	B	A+	B+	A	A	A	A	B	B+	B	C	Proficiency in Cloud Computing
90	181337	Deepak Kumar	B+	B	A	B+	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
91	181347	Mridul Pratap Singh	B+	B+	A	B+	A	A	A	A	B+	A	C+	B	Proficiency in Cloud Computing
92	181348	Shreyansh Rawat	A	B	A	B+	A	A	A	A	B	A	B	B+	Proficiency in Cloud Computing
93	181351	Pankaj Pathania	A	A	A	B+	A	A	A	A	B	A	B	A	Proficiency in Cloud Computing
94	181356	Ishika Goel	A	A	A	A	A	A	A	A	B+	A	A	A	Proficiency in Cloud Computing
95	181358	Ameeesha Varma	B+	A	A	B+	A	A	A	A	B+	A	B+	B+	Proficiency in Cloud Computing
96	181363	Anurag Kanaujia	A	B+	A	B+	A	A	A	A	C+	A	B+	A	Proficiency in Cloud Computing
97	181367	Anant Mishra	A	B+	A	B+	A	A	A	A	B	A	B	C+	Proficiency in Cloud Computing
98	181368	Vaibhav Thakur	A	B+	A	B+	A	A	A	A	B	A	B+	A	Proficiency in Cloud Computing
99	181373	Chinmay Chatterji	A	A	A	A	A	A	A	A	B+	A	B	A	Proficiency in Cloud Computing
100	181376	Kushagra	A	B+	A	A	A	A	A	A	B	A	B+	A	Proficiency in Cloud Computing
101	181386	Ishaan Kotwal	A	A	A	A	A	A	A	A	B+	A	B+	B+	Proficiency in Cloud Computing
102	181397	Suryansh Saraswat	B+	B	B+	B+	A	A	A	A	B	B+	B+	C+	Proficiency in Cloud Computing
103	181411	Arpit Thakur	B+	A	A	A	A	A	A	A				B	Proficiency in Cloud Computing
104	181412	Arpit Garg			A	B+	A	A	A	A	B+	A	B+	A	Proficiency in Cloud Computing
105	181423	Prabhat Rana	B+	B+							B	B+	C+	B	Proficiency in Cloud Computing
106	181425	Vardhan Chhabial	A	A	A	A	A	A	A	A	B+	A	B+	B+	Proficiency in Cloud Computing
107	181428	Shivansh Thakur	A	B+	A	B+	A	A	A	A				A	Proficiency in Cloud Computing
108	181433	Mayank Tornar	B+	B	A	B+	A	A	A	A	B+	A	B+	B	Proficiency in Cloud Computing
109	181451	Varun Rangra	B	B	B+	B	A	A	A	A	B	A	B	C+	Proficiency in Cloud Computing
110	181455	Shruti Singh	B+	B+	A	A	A	A	A	A	B	A	B	A	Proficiency in Cloud Computing
111	181456	Vashi Sharma	A	A	A	A	A	A	A	A	B+	A	B+	B+	Proficiency in Cloud Computing
112	181459	Ishita Kapoor	B+	B+	A	A	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
113	181461	Arushi	A	B+	A	A	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
114	181466	Arpit Mehta	A	A	A	A	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
115	181469	Harshit Yadav	B+	A	A	A	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
116	181476	Kashish Gupta	A	B+	A	A	A	A	A	A	B+	A	B	B	Proficiency in Cloud Computing
117	181478	Sachin Sharma	B+	B+	A	B+	A	A	A	A	B	A	B	C+	Proficiency in Cloud Computing
118	181482	Prateek Sharma	A	B+	A	A	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
119	181483	Harshit Sharma	B+	B+	A	B	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
120	181484	Harshita Sharma	B+	A	A	A	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
121	181485	Saksham Varma	B+	B+	A	A	A	A	A	A	B	A	B	B	Proficiency in Cloud Computing
122	181486	Vidhita Jain	B+	A	A	A	A	A	A	A	C+	A	B	B	Proficiency in Cloud Computing
123	181258	Nishkarsh Sharma	B+	B	A	A	A	A	A	A				A	Proficiency in Cloud Computing
124	181298	Hrishabh Tripathi	A	A	A	A	A	A	A	A				A	Proficiency in Cloud Computing
125	181460	Akhil Sharma	A	B+	A	A	A	A	A	A					Proficiency in Cloud Computing





126	181006	Harsh Mishra	B+	B	A+	B+	B+	B+	B+	B+	B	B+	B+	B+	Proficiency in Data Sciences
127	181205	Ullas Kumar Bherav	A	B+	A	B+	B+	A	B+	B+	B+	B+	B+	B+	Proficiency in Data Sciences
128	181206	Prakhar Pandey	A	A	A	A	B+	A	B+	B+	B	B+	B+	B+	Proficiency in Data Sciences
129	181207	Akshat Agrawal	A	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
130	181212	Palak Rustagi	A	A	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
131	181215	Harshita Sharma	A	A+	A	A	B+	A	A	A	A	A+	A	A	Proficiency in Data Sciences
132	181216	Yash Goyal	A	B+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
133	181217	Tushar Gupta	A	A	A	A	B+	B+	B+	B+	B	B	B	B	Proficiency in Data Sciences
134	181219	Aryan Datta	B+	B+	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
135	181220	Prajwal Sharma	B+	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
136	181221	Sahil Thakur	A+	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
137	181223	Hiteshwar Singh	B+	B+	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
138	181224	Ayush Soni	B+	B+	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
139	181227	Ayush Shukla	A+	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
140	181229	Garima Singh	A+	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
141	181230	Sunny Mittal	B+	B	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
142	181231	Bhawna Dev	A+	A+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
143	181232	Aakarsh Gupta	A	A	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
144	181235	Nandan Agarwal	A+	A+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
145	181241	Aakash	B+	B+	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
146	181242	Astha Kapil	A	B+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
147	181249	Shreya Jayant	A	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
148	181250	Akshit Jain	A	B+	A	A	A	A	A	A	C+	B	B	B	Proficiency in Data Sciences
149	181252	Nandini Ahuja	A	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
150	181255	Vardhan Agarwal	A	B+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
151	181256	Harshit Channana	A	B+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
152	181257	Honey Gupta	B+	B+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
153	181259	Shazan Ahmed	A	B	A	A	B+	A+	A	B	B	B	B	B	Proficiency in Data Sciences
154	181266	Divyanshu Tewari	A	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
155	181272	Spars Mittal	A	A	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
156	181273	Divyam Goyal	A	B+	A	A	B+	A	A	A	B	B	B	B	Proficiency in Data Sciences
157	181276	Archit Sharma	B+	A	A+	A	A	A	A	A	A	A	A	A	Proficiency in Data Sciences
158	181277	Mohammad Kounen Khan	B+	B+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
159	181280	Rishabh Sharma	A	B+	A+	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
160	181290	Kartik Gupta	B+	B	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
161	181297	Yadu Nandan Sood	A	A	A+	A	B+	A	A	A	B	B	B	B	Proficiency in Data Sciences
162	181303	Satvik Garg	A	A	A+	A	A	A	A	A	A	A	A	A	Proficiency in Data Sciences
163	181304	Gauri Mittal	B+	A	B+	A	B+	A	A	A	B	B	B	B	Proficiency in Data Sciences
164	181306	Minakshi Sharma	B+	B+	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
165	181310	Harshit Kumar	B+	B+	A	A	B+	A	A	A	B	B	B	B	Proficiency in Data Sciences
166	181314	Jyoti Sarpal	B+	B+	A	A	A	A	A	A	B	B	B	B	Proficiency in Data Sciences
167	181326	Dev Kumar	A	A	A+	A	B+	A	A	A	B	B	B	B	Proficiency in Data Sciences
168	181329	Pradyumn Pundir	B	B	A	A	B+	A	A	A	A	A	A	A	Proficiency in Data Sciences
169	181331	Aryan Gupta	A	A	A+	A	B+	A	A	A	A	A	A	A	Proficiency in Data Sciences



170	181336	Esha Pandey	A	B+	A	B+	A	B+	A	B+	B+	B	A	Proficiency in Data Sciences
171	181338	Anam Chouhey	B+	B+	A	B+	A	A	B+	B	B	B	B	Proficiency in Data Sciences
172	181342	Tanisha Ranta	A+	A+	A	A	A	A	A	A+	B+	A	A	Proficiency in Data Sciences
173	181345	Rohit Sharma	A+	B+	A	A	A	A	B+	B	B	B	A	Proficiency in Data Sciences
174	181350	Lakshya Tyagi	B+	B+	A	B+	A	A	B+	B	B	B	B+	Proficiency in Data Sciences
175	181353	Varun Singh	A	A+	A	A+	A	A	A	A	B+	B+	B+	Proficiency in Data Sciences
176	181354	Parth Baid	A	A	A	B+	A	A	A	B+	B+	B+	B+	Proficiency in Data Sciences
177	181359	Vatsal Agrawal	B+	B+	A	B+	B+	B+	C+	B	C+	C+	C+	Proficiency in Data Sciences
178	181361	Ketan Mittal	B	A	A+	B	A+	A+	B+	B+	B	B	B+	Proficiency in Data Sciences
179	181375	Shreya Dwivedi	A	B+	A+	A	A	A	B+	B+	B+	B	B	Proficiency in Data Sciences
180	181377	Prakhar Singh	A	A+	A+	B+	A	A	A	A	B	B	A+	Proficiency in Data Sciences
181	181378	Deepthi Aggarwal	A	A	A+	A	A	A	A	A	B+	B+	A+	Proficiency in Data Sciences
182	181389	Abhay Suri	A	B+	A	A	A	A	B+	B+	B+	B+	B+	Proficiency in Data Sciences
183	181391	Ojaswi Awasthi	A	A+	A+	A	A	A	A	A	B+	B+	B+	Proficiency in Data Sciences
184	181392	Vishrut Sharma	B	B+	A	A	A	B+	B+	B	B	B	B	Proficiency in Data Sciences
185	181398	Kritika Lodha	A+	A	A+	A	A	A	B+	B+	B	B	B	Proficiency in Data Sciences
186	181402	Perla Venkata Naga Sai Ganesh	B+	B+	A+	A	A	A	B+	B	B+	B+	B+	Proficiency in Data Sciences
187	181404	Astiva Shrestha	A	A+	A+	A+	A+	A+	A+	A	A	A	A+	Proficiency in Data Sciences
188	181405	Navdeep Singh Hada	B+	B+	A+	A	A	A	A+	A	A	A	A	Proficiency in Data Sciences
189	181406	Anirudh Singh Pal	A+	A	A	B+	A	A	A	A	B+	B+	B+	Proficiency in Data Sciences
190	181410	Anshul Trivedi	A	B+	A	A	B+	A	A	B+	B+	B+	B+	Proficiency in Data Sciences
191	181414	Kajal Singal	B+	A	A+	B+	A	A	A	A	B+	B+	B+	Proficiency in Data Sciences
192	181417	Ananya Srivastav	A	A	A+	A	A	A	A	B+	B+	B+	A	Proficiency in Data Sciences
193	181418	Shashwat Kapoor	A	B+	A	B+	A	A	B+	B	B	B	B+	Proficiency in Data Sciences
194	181419	Meenakshi Sharma	A	A	A+	A	A	A	A	A	A	A	A+	Proficiency in Data Sciences
195	181421	Sahil Sharma	A+	A+	A	A	A	A	A	A	A	A	A	Proficiency in Data Sciences
196	181422	Abhishek Yadav	B+	A	A	B+	A	A	B+	B	B+	B+	B+	Proficiency in Data Sciences
197	181424	Naina Gang	A	A	A	A	A	A	A	A	A	A	A	Proficiency in Data Sciences
198	181427	Tamanna	B	B	A	A	A	A	B	A	A	A	B+	Proficiency in Data Sciences
199	181429	Rajat	A	A	A	A	A	A	A	A	A	A	B+	Proficiency in Data Sciences
200	181439	Parth Sharma	A	B+	A	A	A	A	A	A	A	A	B+	Proficiency in Data Sciences
201	181453	Dikshant	B+	A	A	A	A	A	A	B+	B+	B+	A+	Proficiency in Data Sciences
202	181464	Angima Arthwal	A	A	A	B+	A	A	A	A	B+	B+	B+	Proficiency in Data Sciences
203	181465	Sanya Kanwar	A	A	A+	A	A	A	A	A	B+	B+	B+	Proficiency in Data Sciences
204	181467	Stuti Gupta	A	B+	A+	B+	A	A	A	A	B+	B+	B+	Proficiency in Data Sciences
205	181468	Tanvi Tiwari	A+	A+	A+	A	A	A	A	A	B+	B+	A	Proficiency in Data Sciences
206	181473	Isha Anand	A+	A+	A+	A	A	A	B+	B	B	B	A	Proficiency in Data Sciences
207	181488	Gopesh Chawla	A	B+	A+	B+	A	A	A	A	A	A	B	Proficiency in Data Sciences
208	181202	Ankush Kashyap	B+	A	A	B+	A	A	A	A	A	A	A	Proficiency in Data Sciences
209	181203	Priksnit Thakur	B	B	A	B+	A	A	B+	B+	B	B	A	Proficiency in Data Sciences
210	181204	Miguel Kundal	C+	A	B+	A	A	A	A	A	A	A	A	Proficiency in Data Sciences
211	181260	Pranchal Abrol	B	A	A	A	A	A	A	A	A	A	A	Proficiency in Data Sciences
212	181315	Akriti Soni	B	A	B+	A	A	A	B+	B	B	B	A	Proficiency in Data Sciences
213	181355	Abhishek Singh	B	A	B+	B+	A	A	A	A	A	A	A	Proficiency in Data Sciences



214	181366	Yash Sharma	B	A+	A	A+	A+	A	B+	A	B	A	Proficiency in Information Security
215	181369	Shivang Mishra	B+	B+	B+	A	A+	B+	B+	A	B	A	Proficiency in Information Security
216	181385	Vishnu Kumar	B	B+	B+	B+	A+	B+	B	B+		A	Proficiency in Information Security
217	181434	Shubham Sharma	B	B+	A	A	A+	B+	B+	B+	B+	A	Proficiency in Information Security
218	181436	Ritwik Tripathi	A	A+	A	A	A+	A	B+	B	B	A	Proficiency in Information Security
219	181437	Rishabh Sharma	B	B+	B+	B+	A+	B+	B	B+	B	B+	Proficiency in Information Security
220	181438	Siraj Sharma	B	B+	B+	B+	A+	B+	B	B+	B	A	Proficiency in Information Security
221	181454	Parul Damalu	B+	A	A	A	A	A	B+	B	C+	B+	Proficiency in Information Security
222	181234	Priyanshu Sharma	A	A	A+	A	A	A	B+	B	B	A+	Proficiency in Information Security
223	181236	Vikal Choudhary	B+	A	A+	A	A	A	B+	B	B	A	Proficiency in Information Security
224	181246	Saloni Singh	B+	B+	A+	A	A	A	B+	B	B	B+	Proficiency in Information Security
225	181251	Kritika Shelly	B	B+	A	A	A	B+	B	B+	B	A	Proficiency in Information Security
226	181254	Divya Sharma	B+	B+	A+	A	A	A	B+	B	B	B+	Proficiency in Machine learning
227	181261	Aks Juneja	A	A+	A+	A	A	A	B+	B	C+	B+	Proficiency in Machine learning
228	181263	Akhil Makkar	C+	B+	A	A	A	B+	B	B	B	A	Proficiency in Machine learning
229	181293	Anirudh Singh Gangwar *	B	B+	A	A	B+	A				B	Proficiency in Machine learning
230	181301	Shubham Mehta *			A	A	B	A				B+	Proficiency in Machine learning
231	181328	Ishika	A	A	A+	A	B+	A	A	A	A	B+	Proficiency in Machine learning
232	181330	Diwakar Srivastava	B+	A	A	A	B+	A	B+	B+	B+	B	Proficiency in Machine learning
233	181346	Utkarsh Jaiswal	B+	A	A	A	B	B+	B+	B+	B+	A	Proficiency in Machine learning
234	181357	Kunal Kansal	A	A	A+	A	B+	A	B+	B+	B+	A	Proficiency in Machine learning
235	181371	Apoorav Chaudhary	B	B	A	A	B+	A	C+	B+	B	B+	Proficiency in Machine learning
236	181372	Rudresh Sharma	A	A	A+	A	B+	A	A	A	A	A	Proficiency in Machine learning
237	181383	Aditya Shukla	A	A+	A+	A	B+	A	A	A		A	Proficiency in Machine learning
238	181387	Ankit Sharma	A	B+	A	A	B+	A	B	B+	B	B	Proficiency in Machine learning
239	181388	Mohak Goel	A+	A	A+	A	A	A	B+	B+	B+	A	Proficiency in Machine learning
240	181393	Ankita Sood	A	A	A+	A	A	A	A	A	A	A	Proficiency in Machine learning
241	181394	Rana Vijay Singh	A	A	A	A	B+	A	A		B	B+	Proficiency in Machine learning
242	181399	Charvi Sharda	B+	B+	A	A	B+	A	C+	B+	B+	B+	Proficiency in Machine learning
243	181400	Akshay Kumar	B+	B+	A	A	B+	B+	B+	B+	B	A	Proficiency in Machine learning
244	181413	Vidit Jindal	A	A	A+	A	A	A	B	A	B+	A	Proficiency in Machine learning
245	181440	Shradha Agarwal	A	A	A+	A	A	A	A			A	Proficiency in Machine learning
246	181458	Vinay Kumar	B+	B+	A	A	B+	B+	B+	B+	B+	A	Proficiency in Machine learning
247	181487	Khushi Agarwal	B+	A	A+	A	B+	A	A	A	B+	A	Proficiency in Machine learning





# Proficiencies in Biotechnology & Bioinformatics

## B. Tech Biotechnology Proficiency: Industrial Biotechnology

The courses included in Industrial Biotechnology proficiency are designed to give more exposure and insights to students in the specific domain so that they will have an edge to be employed in such a sector. Applications of industrial Biotechnology are widespread across multiple industries like food, pharmaceutical, chemical, bio-products, textiles, medicine, nutrition, and environmental conservation etc.

S.No.	Subject Code/Semester	Name of the Subjects	Course Hours			Credits	Total Hours
			L	T	P		
1	Semester 5	Industrial Plant Tissue Culture	3	0	0	3	3
2	Semester 6	Manufacturing Process and Industrial Products	3	0	0	3	3
3	18B1WBT731	Industrial Enzymes Technologies	3	0	0	3	3
4	14B1WBT741	Bioresources and Industrial Products	3	0	0	3	3
5	Semester 8	Food Processing and Engineering	3	0	0	3	3
6	Semester 8	Bioprocess Modelling and Simulation	3	0	0	3	3
7	18B19BT791	Major Project Part I	0	0	10	5	10
8	18B19BT891	Major Project Part II	0	0	14	7	14
					Total	-	-

## B. Tech Biotechnology Proficiency: Medical Biotechnology (Approved Elective Courses)

Medical biotechnology deals with the healthcare and pharmacy sectors. Discoveries in this field mostly pertain to drugs, vaccines, diagnostics etc. The field of medical biotechnology is experiencing rapid growth in recent years, leading to the development of several innovative techniques for preventing, diagnosing and treating diseases. As ample thrust is being imparted globally to the discipline of Medical Biotechnology, this proficiency is proposed with an aim to impart more knowledge and exposure to interested students in this area.

S.No.	Subject Code/Semester	Name of the Subjects	Course Hours			Credits	Total Hours
			L	T	P		
1	18B1WBT532	Comparative & Functional Genomics	3	0	0	3	3
2	18B1WBT632	Infectious Diseases	3	0	0	3	3

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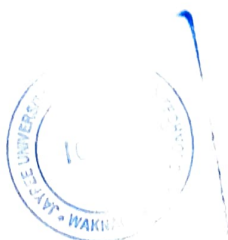
3	18B1WBT633	Nano-Biotechnology	3	0	0	3	3
4	14B1WBT739	Stem Cells and Regenerative Medicines	3	0	0	3	3
5	18B1WBT831	Genetic Counselling	3	0	0	3	3
6	18B1WBT833	Diagnostics & Vaccine Manufacture	3	0	0	3	3
7	18B19BT791	Major Project Part I	0	0	10	5	10
8	18B19BT891	Major Project Part II	0	0	14	7	14
					Total	-	-

### **B. Tech. Bioinformatics Proficiency: Biomedical Informatics**

Biomedical instrumentation, techniques, signal and image processing is the utmost requirement in current healthcare sectors. With the increase in several lifestyle diseases; health care is on priority to facilitate human beings through technological interventions. Biomedical Informatics proficiency will provide a strong platform to our students to improve their scientific and practical research in the field of health informatics.

S.No.	Subject Code/Semester	Name of the Subjects	Course Hours			Credits	Total Hours
			L	T	P		
1	Semester 5	Applied Medical Signal Processing	3	0	0	3	3
2	Semester 5	Computational Biomedical Image Analysis	3	0	0	3	3
3	Semester 6	Cheminformatics	3	0	0	3	3
4	Semester 6	Clinical Data Management System	3	0	0	3	3
5	14B1WBT739	Stem Cells and Regenerative Medicines	3	0	0	3	3
6	Semester 8	Bioprocess Modelling and Simulation	3	0	0	3	3
7	18B19BI791	Major Project Part I	0	0	10	5	10
8	18B19BI891	Major Project Part II	0	0	14	7	14
					Total	-	-

**B. Tech. Bioinformatics Proficiency: Systems Biology** (Approved Elective Courses) With the advent of new technologies and generation of deluge of genomic and proteomic data, there is a need to deal with it in a collective manner and systems biology is the solution for that. Computational Systems Biology provides the study of biological systems for their annotation towards solving complex and polygenic diseases and other global problems. This proficiency will help our students to learn this upcoming area with an aim to achieve state-of-the-arts specializations. It will help them to establish a new team of bioinformaticians with systems and synthetic biology preparations.





S.No.	Subject Code	Name of the Subjects	Course Hours			Credits	Total Hours
			L	T	P		
1	18B1WBI531	Structural Bioinformatics	3	0	0	3	3
2	18B1WBT532	Comparative & Functional Genomics	3	0	0	3	3
3	18B1WBT632	Infectious Diseases	3	0	0	3	3
4	18B1WBI731	Computational Systems Biology	3	0	0	3	3
5	18B1WBI834	NGS Data Analysis & Applications	3	0	0	3	3
6	18B1WBI831	Computational Molecular Evolution	3	0	0	3	3
7	18B19BT791	Major Project Part I	0	0	10	5	10
8	18B19BT891	Major Project Part II	0	0	14	7	14
					Total	-	-





## Freezed Grade Sheet

CoOrdinator Name/Member name : GARLAPATI VIJAY KUMAR (318)

Exam

Code :2022EVESEM

Subject Code :BIOPROCESS MODELLING AND SIMULATION (21B1WBT832)

**Calculation Parameter**

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	1	80	1
A	70	77	1	70	5
B+	60	74	2	60	4
B	50	67	3	50	3
C+	40	60	3	40	0
C	35	52	2	35	0
D	30	50	1	30	0
F	0	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	181803	Prarthna Kashyap	55.0	B
2.	181805	Astha Singh	71.0	A
3.	181808	Megha Tushir	67.0	B+
4.	181810	Ipshita Dutta	74.0	A
5.	181814	Kannu Priya	52.0	B
6.	181816	Kanishk Bhatt	74.0	A
7.	181819	Chaitanya Moghe	77.0	A
8.	181820	Shubham Dogra	70.0	A
9.	181823	Shagun Sharma	84.0	A+
10.	181826	Manisha Sharma	60.0	B+
11.	181830	Yavan Pratap Singh	50.0	B
12.	181833	Anirudh Joshi	65.0	B+
13.	181840	Abhinav Dharmani	61.0	B+

Name:-

Signature of Instructor:

\*Detained/Absent Candidate

Submitted on..01-06-2022 05:05:48 PM

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**Freezed Grade Sheet**

(13)

**CoOrdinator Name/Member name : GARLAPATI VIJAY KUMAR (318)****Exam Code****:2021EVESEM****Subject Code :MANUFACTURING PROCESS AND INDUSTRIAL PRODUCTS (20B1WBT631)****Calculation Parameter**

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	4	80	4
A	70	78	1	70	4
B+	60	73	2	60	4
B	50	68	2	50	1
C+	40	67	2	40	0
C	35	63	1	35	0
D	30	51	1	30	0
F	0	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	181803	Prarthna Kashyap	83.0	A+
2.	181805	Astha Singh	78.0	A
3.	181808	Megha Tushir	67.0	B+
4.	181810	Ipshita Dutta	85.0	A+
5.	181814	Kannu Priya	68.0	B+
6.	181816	Kanishk Bhatt	91.0	A+
7.	181819	Chaitanya Moghe	73.0	A
8.	181820	Shubham Dogra	72.0	A
9.	181823	Shagun Sharma	94.0	A+
10.	181825	Manu Sharma	63.0	B+
11.	181826	Manisha Sharma	51.0	B
12.	181830	Yavan Pratap Singh	67.0	B+
13.	181833	Anirudh Joshi	74.0	A

**Name:- Dr.Garlapati Vijay Kumar****Signature of Instructor:****Submitted on..06-06-2021 03:04:47 PM****\*Detained/Absent Candidate****Click To Print**

06/06/2021

**(Prof. Sudhir Kumar)  
HOD, BT & BI**



Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	9	80	9
A	70	78	2	71	14
B+	60	76	5	62	9
B	50	72	6	53	1
C+	40	68	6	44	0
C	30	65	4	35	0
D	20	58	1	30	0
F	10	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	161503	Vidushi Agnihotri	87.0	A+
2.	161506	Disha Angra	82.0	A+
3.	161512	Himani Chauhan	77.0	A
4.	161514	Naman Sharma	65.0	B+
5.	161516	Sayra Sood	78.0	A
6.	161518	Piyus Mohanty	85.0	A+
7.	161801	Rachit Thakur	69.0	B+
8.	161802	Himadri Hauta	77.0	A
9.	161805	Vasudha Porwal	80.0	A+
10.	161808	Mansi Sharma	74.0	A
11.	161809	Harshita Mahajan	78.0	A
12.	161811	Shivangini Singh	68.0	B+
13.	161814	Shubhangi Ghosh	75.0	A
14.	161815	Rakshita	71.0	A
15.	161817	Shiuli Samadder	67.0	B+
16.	161818	Saniya Mehta	66.0	B+
17.	161819	Prahi Gupta	85.0	A+
18.	161821	Aditi Sharma	85.0	A+
19.	161822	Veena Kumari	80.0	A+
20.	161823	Aashlna Puri	83.0	A+
21.	161824	Shristi Saha	73.0	A
22.	161825	Priyanjalee Bhattacharjee	67.0	B+
23.	161826	Palak	69.0	B+
24.	161828	Sara Bhinta	69.0	B+



SNo.	Roll No.	Student Name	Marks	Grade
25.	161829	Sambhavana	58.0	B
26.	161830	Tanvi Sehgal	76.0	A
27.	161832	Arush Kaushal	76.0	A
28.	161833	B Soumya	73.0	A
29.	161838	Arsh Tyagi	77.0	A
30.	161839	Jasdeep Kaur	74.0	A
31.	161841	Shreeya Agrawal	85.0	A+
32.	161842	Sunainy Ajrawat	69.0	B+
33.	161845	Bandana Thakur	72.0	A

Name:-

Signature of Instructor:

Submitted on..17-08-2022 11:38:04 AM

\*Detained/Absent Candidate

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## Draft Saved Grade Sheet

7

Ordinator Name/Member name : RAJ KUMAR (589)

am Code :2021ODDSEM Subject Code :STRUCTURAL BIOINFORMATICS (18B1WBI531)

### Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	0	80	0
A	10	73	1	70	1
B+	20	64	1	60	3
B	25	60	2	54	2
C+	25	54	2	49	1
C	15	51	1	40	0
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	191901	Saumya Porwal	60.0	B+
2.	191902	Sarthak Sood	64.0	B+
3.	191903	Raghav Luthra	60.0	B+
4.	191904	Pushpit Thakur	58.0	B
5.	191905	Arin Kaushal	51.0	C+
6.	191906	Arthza Shukla	54.0	B
7.	191907	Nadirun Nisha A	73.0	A

Name:- Dr. RAJ KUMAR

Signature of Instructor:

Submitted on..28-12-2021 03:47:36 PM

\*Detained/Absent Candidate

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Approved  
A

W (Her)

28/12/2021  
Prof. V. K. Kumar



# Draft Saved Grade Sheet

Ordinator Name/Member name : JATA SHANKAR (423)  
Exam Code :2020ODDSEM Subject Code :COMPARATIVE & FUNCTIONAL GENOMICS (18B1WBT532)

27

## Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A	10	77	3	71	9
A+	80	80	9	80	9
B	25	67	5	54	0
B+	20	73	5	62	8
C	15	61	0	38	0
C+	25	62	4	46	0
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	1	-	1

SNo.	Roll No.	Student Name	Marks	Grade
1.	181834	Anushka Priya	77.0	A
2.	181842	Divyam	77.0	A
3.	181829	Gaurav Kumar	67.0	B+
4.	181835	Gunjan	70.0	B+
5.	181824	Janki Insan	80.0	A+
6.	181817	Kiara Tickoo	80.0	A+
7.	181812	Kriti Ahuja	73.0	A
8.	181836	Mahak Rustagi	66.0	B+
9.	181828	Mahima Singh Thakur	73.0	A
10.	181825	Manu Sharma	62.0	B+
11.	181839	Nishta Garg	80.0	A+
12.	181838	Nitika Kumari Gupta	80.0	A+
13.	181832	Pranjal Kalia	62.0	B+
14.	181831	Priyanka Shukla	62.0	B+
15.	181821	Ramneek Kaur Khurana	83.0	A+
16.	181841	Reetika Aggarwal	76.0	A
17.	181801	Rhea Singh	84.0	A+
18.	181827	Ritika Shridhar	67.0	B+
19.	181806	Sakshi	73.0	A
20.	181804	Samya Khanna	73.0	A
21.	181822	Sharvi Sood	72.0	A
22.	181820	Shubham Dogra	69.0	B+
23.	181811	Shubhangi Kumar	77.0	A
24.	181802	Simran Gohan	84.0	A+
25.	181815	Soumya Jain	80.0	A+
26.	181813	Srishti Roy	0.0	I
27.	181807	Yogesh Joshi	81.0	A+

Approved  
AT  
21/12/2020

Name: Jata Shankar  
Signature of Instructor: [Signature]  
Submitted on: 21-12-2020 04:18:08 PM

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**Draft Saved Grade Sheet**

CoOrdinator Name/Member name : RAJ KUMAR (589)

Exam Code :2020ODDSEM Subject Code :STRUCTURAL BIOINFORMATICS (18BIWB1531)

**Calculation Parameter**

Grades	Actual Range(%) of Marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A	10	77	1	70	2
A+	80	80	0	80	0
B	25	65	3	49	0
B+	20	75	1	53	4
C	15	52	0	42	0
C+	25	53	1	45	0
D	0	0	0	39	0
F	30	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	181505	Anas Malik	67.0	B+
2.	181502	Arundhati Mehta	53.0	B+
3.	181503	Bhoomi Sharma	65.0	B+
4.	181506	Dron Saklani	75.0	A
5.	181501	Hansika Dhanjal	65.0	B+
6.	181507	Kushal Chakraborty	77.0	A

Name:- Dr. RAJ KUMAR  
 Signature of Instructor:  
 Submitted on..21-12-2020 03:26:57 PM

\*Detained/Absent Candidate

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 21/12/2020  
 u/m/m/20





Calculation Parameter

Grade	Norm Range	Initial body	IC	Revised	Revised cost
A	10	79	1	70	7
A+	80	80	4	80	4
B	25	70	2	55	0
B+	20	74	4	60	2
C	15	63	0	37	0
C+	25	64	2	45	0
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	0	-	0

1.	181840	Abhinav Dharmani	64.0	B+
2.	181809	Aditya Tiku	74.0	A
3.	181833	Anirudh Joshi	70.0	A
4.	181805	Astha Singh	84.0	A+
5.	181819	Chaitanya Moghe	88.0	A+
6.	181810	Ipshita Dutta	80.0	A+
7.	181816	Kanishk Bhatt	74.0	A
8.	181814	Kannu Priya	79.0	A
9.	181826	Manisha Sharma	68.0	B+
10.	181808	Megha Tushir	73.0	A
11.	181803	Prarthna Kashyap	78.0	A
12.	181823	Shagun Sharma	83.0	A+
13.	181830	Yavan Pratap Singh	74.0	A

Name:- Dr. Hemant Sood  
 Signature of Instructor:  
 Submitted on..19-12-2020 12:16:26 PM

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19/12/2020

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19/12/2020





## Draft Saved Grade Sheet

CoOrdinator Name/Member name : TIRATHA RAJ SINGH (308)  
Exam Code :2020ODDFT Subject Code :COMPUTATIONAL MOLECULAR EVOLUTION (15B1WB1834)

### Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A	10	62	1	70	0
A+	80	80	0	80	0
B	25	60	0	50	0
B+	20	61	0	60	1
C	15	58	0	36	0
C+	25	59	0	42	0
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	161514	Naman Sharma	62.0	B+

*[Signature]*  
29/09/2020

Name:-  
Signature of Instructor:  
Submitted on...29-09-2020 04:53:40 PM

\*Detained /Absent Candidate

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*[Signature]*  
29/09/2020

Approved

AS



### General Information

Total Students	Pre-graded Students	Students Considered	Mean	Standard Deviation
3	0	3	63.67	2.08

### Grades

A+	80	80	0	80	0
A	10	62	3	70	0
B+	20	61	0	62	3
B	25	60	0	54	0
C+	25	59	0	46	0
C	15	58	0	38	0
D	Remaining	30	0	30	0
F	30	0	0	0	0

### Pre-graded Students

F	0
I	0

### Reasons for Pre-grading students

Absent in T3 End Term exam(F) - (\$)	Approved Medical cases(I) - (#)	UFM(F) - (@)	DEBAR(F) - (*)
0	0	0	0

### Available Grades(Revised Boundary)


(Absent Students(\$), Medical Case Students(#), UFM Students(@), DEBAR Students(\*))

1	161842	E4	Sunainy Ajrawat	21	13	22	10	45	66	B+
2	161841	E4	Shreeya Agrawal	20	15	20	7	42	62	B+
3	161811	E4	Shivangini Singh	23	13	18	9	40	63	B+

\*Save Grade now ☒

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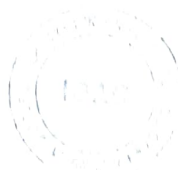
  
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21/12/2020





21/12/2020





**Draft Saved Grade Sheet**

25

Coordinator Name/Member name : TIRATHA RAJ SINGH (308)

Exam Code :2020ODDSEM Subject Code :COMPUTATIONAL SYSTEMS BIOLOGY (14BIWBI732)

Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	2	80	2
A	10	76	4	70	14
B+	20	74	4	60	5
B	25	70	6	50	3
C+	25	56	6	42	0
C	15	52	2	36	0
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	1	-	1

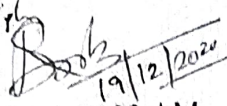
SNo.	Roll No.	Student Name	Marks	Grade
1.	171509	Aagam Mishra	77.0	A
2.	171517	Aakanksha Gautam	70.0	A
3.	171503	Aakriti Chauhan	80.0	A+
4.	171505	Anjali Sharma	70.0	A
5.	171514	Apurva Garg	74.0	A
6.	171824	Ayush Tyagi	63.0	B+
7.	171518	Chhavi Thakur	76.0	A
8.	171840	Divyanshu Bhuraita	52.0	B
9.	171510	Garima Singh	70.0	A
10.	171821	Jigyasa	70.0	A
11.	171508	Maharishi Kalla	65.0	B+
12.	171519	Mehak Kapoor	75.0	A
13.	171501	Muskan Kapoor	80.0	A+
14.	171835	Nayanika Sharma	74.0	A
15.	171825	Neha Verma	64.0	B+
16.	171511	Prerna Tiwari	63.0	B+
17.	171507	Purvanshi Sharma *	0.0	I
18.	171818	Rachita Gupta	76.0	A
19.	171809	Reva Bhardwaj	71.0	A
20.	171512	Riya Dhiman	74.0	A
21.	171515	Saryjeet Kaur	56.0	B
22.	171811	Soumi Biswas	76.0	A
23.	171516	Srishti Thakur	54.0	B
24.	171813	Umang Maheshwari	72.0	A





SNo.	Roll No.	Student Name	Marks	Grade
25.	171506	Vaibhav Gangta	67.0	B+

Name:- Dr. Tina R. Singh

Signature of Instructor: 

Submitted on.. 19-12-2020 11:07:32 AM

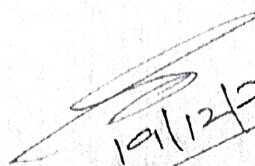
\*Detained/Absent Candidate

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19/12/2020

  
19/12/2020





Coordinator Name/Member name : RAHUL SHRIVASTAVA (277)

am  
ode :2022EVESEM Subject Code :DIAGNOSTICS & VACCINE MANUFACTURE (18B1WBT833)Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	2	80	2
A	10	68	2	72	1
B+	20	56	5	64	2
B	25	49	5	56	4
C+	25	41	5	46	8
C	15	38	2	36	4
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	161508	Dushyant Kumar	48.0	C+
2.	181801	Rhea Singh	77.0	A
3.	181806	Sakshi	81.0	A+
4.	181811	Shubhangi Kumar	56.0	B
5.	181812	Kriti Ahuja	49.0	C+
6.	181813	Srishti Roy	57.0	B
7.	181817	Kiara Tickoo	50.0	C+
8.	181821	Ramneek Kaur Khurana	68.0	B+
9.	181822	Sharvi Sood	56.0	B
10.	181824	Janki Insan	85.0	A+
11.	181825	Manu Sharma	53.0	C+
12.	181827	Ritika Shridhar	46.0	C+
13.	181828	Mahima Singh Thakur	67.0	B+
14.	181829	Gaurav Kumar	40.0	C
15.	181831	Priyanka Shukla	41.0	C
16.	181832	Pranjal Kalla	38.0	C
17.	181834	Anushka Priya	47.0	C+
18.	181835	Gunjan	43.0	C
19.	181836	Mahak Rustagi	50.0	C+
20.	181841	Reetika Aggarwal	61.0	B
21.	181842	Divyam	52.0	C+

Name:-

Signature of Instructor:

Submitted on..01-06-2022 10:17:58 PM

\*Detained/Absent Candidate

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03/06/2022  
Prof. Sudhir Syal  
Head, BT&B



Name/Member name : TIRATHA RAJ SINGH (308)

Subject Code : COMPUTATIONAL MOLECULAR EVOLUTION (18B1WBI831)

Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	1	80	1
A	10	51	4	70	1
B+	20	50	0	60	1
B	25	49	0	50	2
C+	25	48	0	42	0
C	15	47	0	36	0
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	181501	Hansika Dhanjal	51.0	B
2.	181502	Arundhati Mehta	55.0	B
3.	181503	Bhoomi Sharma	60.0	B+
4.	181505	Anas Malik	77.0	A
5.	181507	Kushal Chakraborty	80.0	A+

Name:-

Signature of Instructor:

Submitted on..01-06-2022 09:21:42 AM

\*Detained/Absent Candidate

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116122  
Dear (A2R)



CoOrdinator Name/Member name : SUDHIR KUMAR (155)

Exam Code :2022EVESEM Subject Code :GENETIC COUNSELLING (18BIWBT831)

Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	3	80	3
A	70	71	2	70	2
B+	60	58	5	61	3
B	50	50	5	54	4
C+	40	45	5	47	6
C	30	41	1	40	3
D	20	0	0	30	0
F	10	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	161508	Dushyant Kumar	45.0	C
2.	181801	Rhea Singh	80.0	A+
3.	181806	Sakshi	80.0	A+
4.	181811	Shubhangi Kumar	66.0	B+
5.	181812	Kriti Ahuja	53.0	C+
6.	181813	Srishti Roy	62.0	B+
7.	181817	Kiara Tickoo	58.0	B
8.	181821	Ramneek Kaur Khurana	75.0	A
9.	181822	Sharvi Sood	61.0	B+
10.	181824	Janki Insan	89.0	A+
11.	181825	Manu Sharma	41.0	C
12.	181827	Ritika Shridhar	58.0	B
13.	181828	Mahima Singh Thakur	71.0	A
14.	181829	Gaurav Kumar	46.0	C
15.	181831	Priyanka Shukla	50.0	C+
16.	181832	Pranjal Kalia	49.0	C+
17.	181834	Anushka Priya	55.0	B
18.	181835	Gunjan	49.0	C+
19.	181836	Mahak Rustagi	48.0	C+
20.	181841	Reetika Aggarwal	57.0	B
21.	181842	Divyam	51.0	C+

Name:-

Signature of Instructor:

Submitted on..01-06-2022 03:03:03 PM

\*Detained/Absent Candidate

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Coordinator Name/Member name : L DAYABANDU SI (290)

Exam

Code : 2022EVESEM

Subject Code : MANUFACTURING PROCESS AND INDUSTRIAL PRODUCTS (20BIWB7631)

Calculation Parameter

Grade	Normal Range (%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	0	80	0
A	70	71	2	70	3
B+	60	61	6	60	7
B	50	56	6	50	6
C+	40	35	4	42	1
C	30	34	0	26	0
D	20	30	1	30	2
E	10	0	0	0	0
Pre-Graded			0		0

S.No.	Roll No.	Student Name	Marks	Grade
1.	191802	Himanshu Kumar	51.0	B
2.	191805	Ragini Mishra	58.0	B
3.	191806	Shubhankar Singh	76.0	A
4.	191807	Nandini Agarwal	56.0	B
5.	191808	Darpan Miglani	65.0	B+
6.	191809	Nikunj Sharma	35.0	D
7.	191810	Swetam Chetry	50.0	B
8.	191813	Nandita	61.0	B+
9.	191814	Chirag Abrol	42.0	C+
10.	191815	Shikha	60.0	B+
11.	191817	Anchal Gulena	60.0	B+
12.	191818	Anrita Mishra	61.0	B+
13.	191819	Gaurav Prashar	30.0	D
14.	191821	Manshi Pandey	62.0	B+
15.	191822	Sumit Saxena	71.0	A
16.	191823	Mrinal Sharma	56.0	B
17.	191824	Sanchit Dua	70.0	A
18.	191826	Sameer Varshney	61.0	B+
19.	191827	Jyotika Gupta	56.0	B

Name:- Udayabandu

Signature of Instructor: [Signature]

Submitted on: 01-06-2022 11:13:01 AM

Detained/Absent Candidate

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02/06/2022  
Prof. Vankar



216  
Dean (ASR)



# Draft Saved Grade Sheet

CoOrdinator Name/Member name : HEMANT SOOD (259)

Exam Code :2021ODDSEM Subject Code :INDUSTRIAL PLANT TISSUE CULTURE (21BIWBT531)

19

## Calculation Parameter

Grade	Normal	IB	IC	Revised	Revised/Cont
A+	80	80	0	80	0
A	10	76	2	70	13
B+	20	75	4	60	5
B	25	72	5	50	1
C+	25	64	5	45	0
C	15	51	3	37	0
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	0	-	0

1.	191802	Himanshu Kumar	72.0	A
2.	191805	Ragini Mishra	75.0	A
3.	191806	Shubhankar Singh	75.0	A
4.	191807	Nandini Agarwal	67.0	B+
5.	191808	Darpan Miglani	74.0	A
6.	191809	Nikunj Sharma	63.0	B+
7.	191810	Swetam Chetry	68.0	B+
8.	191813	Nandita	64.0	B+
9.	191814	Chirag Abrol	62.0	B+
10.	191815	Shikhu	71.0	A
11.	191817	Anchal Guleria	71.0	A
12.	191818	Amrita Mishra	74.0	A
13.	191819	Gaurav Prashar	51.0	B
14.	191821	Manshi Pandey	74.0	A
15.	191822	Sumit Saxena	76.0	A
16.	191823	Mrinal Sharma	72.0	A
17.	191824	Sanchit Dua	77.0	A
18.	191826	Sameer Varshney	75.0	A
19.	191827	Jyotika Gupta	75.0	A

Name:- Hemant Sood  
 Signature of Instructor:  
 Submitted on..28-12-2021 04:22:30 PM

\* Detained/Absent Candidate

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Approved  
 A1

Seen (AR)



29/12/2021  
 Prof. Vaidhikam



# Draft Saved Grade Sheet

Coordinator Name/Member name : JATA SHANKAR (423)

am

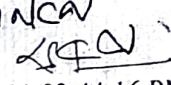
ode :2021ODDFT

Subject Code :COMPARATIVE AND FUNCTIONAL GENOMICS (10B11BT611)

## Calculation Parameter


Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	0	80	0
A	10	63	1	71	0
B+	20	62	0	63	1
B	25	61	0	55	0
C+	25	60	0	47	0
C	15	59	0	38	0
D	0	0	0	30	0
F	30	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	161840	Kritika Sharma	63.0	B+


Name:- Jata Shankar  
Signature of Instructor:   
Submitted on..28-09-2021 02:44:16 PM

\*Detained/Absent Candidate

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29/09/2021  
(Prof. Sudhir Kumar)

Appd.

  
29/9/21  
Dean (ADR)



CoOrdinator Name/Member name : UDAYABANU M (290)

Exam  
Code : 2021ODDSEM

Subject Code : STEM CELLS &amp; REGENERATIVE MEDICINES (14BIWBT739)

Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	2	80	2
A	70	71	2	70	3
B+	60	64	5	60	9
B	50	57	7	50	8
C+	42	51	6	42	3
C	35	45	3	35	0
D	30	0	0	30	0
F	0	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	181801	Rhea Singh	65.0	B+
2.	181802	Simran Gohan	87.0	A+
3.	181804	Samya Khanna	60.0	B+
4.	181806	Sakshi	71.0	A
5.	181809	Aditya Tiku	55.0	B
6.	181811	Shubhangi Kumar	64.0	B+
7.	181812	Kriti Ahuja	52.0	B
8.	181813	Srishti Roy	63.0	B+
9.	181815	Soumya Jain	75.0	A
10.	181817	Kiara Tickoo	60.0	B+
11.	181821	Ramneek Kaur Khurana	65.0	B+
12.	181822	Sharvi Sood	57.0	B
13.	181824	Janki Insan	81.0	A+
14.	181825	Manu Sharma	48.0	C+
15.	181828	Mahima Singh Thakur	66.0	B+
16.	181829	Gaurav Kumar	52.0	B
17.	181831	Priyanka Shukla	51.0	B
18.	181832	Pranjal Kalia	45.0	C+
19.	181834	Anushka Priya	57.0	B
20.	181835	Gunjan	49.0	C+
21.	181836	Mahak Rustagi	51.0	B
22.	181838	Nitika Kumari Gupta	70.0	A
23.	181839	Nishta Garg	60.0	B+
24.	181841	Reetika Aggarwal	56.0	B
25.	181842	Divyam	60.0	B+

Name:-

Signature of Instructor

Submitted on..29-12-2021 09:55:32 AM

\*Detained/Absent Candidate



CoOrdinator Name/Member name : JATA SHANKAR (423)

Exam

Code : 2021ODDSEM

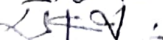
Subject Code : COMPARATIVE &amp; FUNCTIONAL GENOMICS (18BIWBT532)

Calculation Parameter

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	2	80	2
A	70	78	1	70	3
B+	60	77	1	60	4
B	50	60	5	52	0
C+	40	59	0	45	0
C	30	58	0	38	0
D	20	0	0	30	0
F	10	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	191801	Palak Bhardwaj	60.0	B+
2.	191803	Ishika Garg	80.0	A+
3.	191804	Rimjhim Sharma	78.0	A
4.	191811	Shanzi Caesar Dsilva	77.0	A
5.	191812	Shashvat Sharma	60.0	B+
6.	191816	Ishita	76.0	A
7.	191820	Tanya Bansal	80.0	A+
8.	191825	Muskaan	60.0	B+
9.	191828	Anjali Mishra	60.0	B+

Name:- Dr Jata Shankar

Signature of Instructor: 

Submitted on..23-12-2021 11:37:36 AM

\*Detained/Absent Candidate

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bplaved  
A+24/12/2021  
Prof. Sushil Kumar

(A &amp; P)



**Draft Saved Grade Sheet**

5

CoOrdinator Name/Member name : TIRATHA RAJ SINGH (308)

Exam Code :2021ODDSEM Subject Code :COMPUTATIONAL SYSTEMS BIOLOGY (18B1WBI731)

**Calculation Parameter**

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	1	80	1
A	70	56	4	70	0
B+	60	55	0	60	1
B	50	54	0	50	3
C+	42	53	0	42	0
C	36	52	0	36	0
D	30	0	0	30	0
F	0	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	181803	Prarthna Kashyap	57.0	B
2.	181811	Shubhangi Kumar	56.0	B
3.	181816	Kanishk Bhatt	65.0	B+
4.	181822	Sharvi Sood	56.0	B
5.	181824	Janki Insan	83.0	A+

Name:-

Signature of Instructor:

Submitted on..28-12-2021 10:57:29 AM

*[Signature]*

\*Detained/Absent Candidate

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*[Signature]*  
28/12/2021

Prof. Virender Kumar

*Approved**A.**San (AAR)*



# Proficiency Programme in Civil Engineering

Civil Engineering students can choose to either broaden their background or attain in-depth coverage of a particular subject by enrolling in a Proficiency Programme. Proficiency courses are coherent sequences of courses that may be taken in place of regular elective slots required for the B. Tech degree, in the chosen field of proficiency.

*Conditions for award of additional certificate of proficiency in Civil Engineering*

1. Qualify for the award of B. Tech. degree in the minimum period.
2. Have passed in minimum of >50% of B. Tech elective subjects taken from Civil Engineering Department.
3. Grade Point Average in the elective subjects of (2) is >7.0.
4. Major project has been done in Civil Engineering Department with at least 'A' grade
5. CGPA for 195 credits (pre 2018 batch) / 160 credits (post 2018 batch) of B. Tech. level is >6.5.

At present Department of Civil Engineering JUIT, Wagnaghat offers following proficiency programmes:

1. Proficiency in Computer Aided Design
2. Proficiency in Building Design and Construction
3. Proficiency in Geotechniques
4. Proficiency in Water Management
5. Proficiency in Transportation Engineering
6. Proficiency in Construction Technology and Management

The Proficiency programme offered in aforementioned areas are designed primarily for students of Civil Engineering Department, JUIT to experience the engineering approach to the solution of design problems. Students pursuing any of the proficiency course will be better prepared for careers in Civil Engineering. These proficiency courses will provide students with a technical and competitive edge over most traditional civil engineering undergraduates in the civil engineering job marketplace. As per 160 credit course curricula, a student must opt minimum 4 courses from chosen field of proficiency in place of regular elective courses to get additional certificate of proficiency in chosen field.

Following are the course curriculum outline for proposed 6 proficiency courses:

## 1. Proficiency in Computer Aided Design:

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, SOLAN						
COURSE CURRICULUM FOR PROFICIENCY PROGRAMME (160 CREDITS)						
PROFICIENCY IN COMPUTER AIDED DESIGN						
S. No.	Name of the Subjects	Course Hours			Credits	Total Hours
		L	T	P		
1	Computer Applications in Environmental Engineering	1	0	4	3	5
2	Building Drawing	1	0	4	3	5
3	Simulations in Geotechnical Engineering	1	0	4	3	5
4	Computational models in Transportation Engineering	1	0	4	3	5
5	Construction Management Computations	1	0	4	3	5
6	Modelling, Simulation and Computer Applications	3	0	0	3	3

\* Elective courses from MOOC or NPTEL may be chosen by student (maximum 6 credits) in case course content matches with subjects mentioned above.

2020-21 → 106

Approved in Academic Council held on 28 July 2021

2021-22 → 176





## 2. Proficiency in Building Design and Construction

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, SOLAN						
COURSE CURRICULUM FOR PROFICIENCY PROGRAMME (160 CREDITS)						
PROFICIENCY IN BUILDING DESIGN AND CONSTRUCTION						
S. No.	Name of the Subjects	Course Hours			Credits	Total Hours
		L	T	P		
1	Advanced Reinforced Concrete Design	3	0	0	3	3
2	Building Drawing	1	0	4	3	5
3	Design of Prestressed Concrete Structures	3	0	0	3	3
4	Construction Safety and Health	3	0	0	3	3
5	Advanced Structural Analysis	3	0	0	3	3
6	Construction Technology and Management	3	0	0	3	3

\* Elective courses from MOOC or NPTEL may be chosen by student (maximum 6 credits) in case course content matches with subjects mentioned above.

## 3. Proficiency in Geotechniques:

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, SOLAN						
COURSE CURRICULUM FOR PROFICIENCY PROGRAMME (160 CREDITS)						
PROFICIENCY IN GEOTECHNIQUES						
S. No.	Name of the Subjects	Course Hours			Credits	Total Hours
		L	T	P		
1	Geosynthetics	3	0	0	3	3
2	Geoenvironment	3	0	0	3	3
3	Underground Technology	3	0	0	3	3
4	Advanced Foundation Engineering	3	0	0	3	3
5	Simulations in Geotechnical Engineering	1	0	4	3	5
6	Ground Improvement Techniques	3	0	0	3	3

\* Elective courses from MOOC or NPTEL may be chosen by student (maximum 6 credits) in case course content matches with subjects mentioned above.

## 4. Proficiency in Water Management:

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, SOLAN						
COURSE CURRICULUM FOR PROFICIENCY PROGRAMME (160 CREDITS)						
PROFICIENCY IN WATER MANAGEMENT						
S. No.	Name of the Subjects	Course Hours			Credits	Total Hours
		L	T	P		
1	Open Channel Flow and Hydraulic Machine	3	0	0	3	3
2	Dam and Reservoir Design	3	0	0	3	3
3	Hydropower Engineering	3	0	0	3	3
4	Process Design in Environment Engineering	3	0	0	3	3
5	Surface Water Quality Management	3	0	0	3	3
6	Industrial Wastewater Treatment	3	0	0	3	3

\* Elective courses from MOOC or NPTEL may be chosen by student (maximum 6 credits) in case course content matches with subjects mentioned above.



Approved in Academic Council held on 28 July 2021



**5. Proficiency in Transportation Engineering:**

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, SOLAN						
COURSE CURRICULUM FOR PROFICIENCY PROGRAMME (160 CREDITS)						
PROFICIENCY IN TRANSPORTATION ENGINEERING						
S. No.	Name of the Subjects	Course Hours			Credits	Total Hours
		L	T	P		
1	Pavement Analysis and Design	3	0	0	3	3
2	Highway Construction, Maintenance and Management	3	0	0	3	3
3	Transportation Engineering	3	0	0	3	3
4	Traffic Engineering	3	0	0	3	3
5	Advanced Highway Material and Construction	3	0	0	3	3
6	Computational models in Transportation Engineering	1	0	4	3	5

\* Elective courses from MOOC or NPTEL may be chosen by student (maximum 6 credits) in case course content matches with subjects mentioned above.

**6. Proficiency in Construction Technology and Management:**

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, SOLAN						
COURSE CURRICULUM FOR PROFICIENCY PROGRAMME (160 CREDITS)						
PROFICIENCY IN CONSTRUCTION TECHNOLOGY AND MANAGEMENT						
S. No.	Name of the Subjects	Course Hours			Credits	Total Hours
		L	T	P		
1	Construction Technology and Management	3	0	0	3	3
2	Construction Management Computations	1	0	4	3	5
3	Construction Planning and Control	3	0	0	3	3
4	Construction Techniques	3	0	0	3	3
5	Construction Financial Management	3	0	0	3	3
6	Heavy/Civil Construction Equipment, Methods, and Management	3	0	0	3	3

\* Elective courses from MOOC or NPTEL may be chosen by student (maximum 6 credits) in case course content matches with subjects mentioned above.





Doc.No.:

**TITLE: Ongoing performance record of students**

12

MANAGEMENT Course No. 18B1WCE531 L :3 T :0 P :0 Cr:3

Odd) 5 Year : 2020ODDSEM

Rollno.	Name	TEST-3(35.0)	TEST-2(25.0)	TA(25.0)	TEST-1(15.0)	Total (100.0)	Grade
181602	Yamit Dhalaik	27	21	23	10	81	A+
181603	Ujjwal Kumar	24	15	20	11	70	A
181604	Harshit Thakur	21	19	22	9	71	A
181605	Shubham	22	18	21	9	70	A
181606	Varun Kapil	22	20	23	8	73	A
181607	Abhay Sharma	18	18	12	9	57	B
181608	Aniket	15	14	12	6	47	C+
181610	Vishal Garg	6	14	10	6	36	C
181611	Madhvender Singh	17	18	21	8	64	B+
181612	Gaurav Sharma	20	19	22	10	71	A
181613	Rishabh Jaswal	23	18	21	9	71	A
181614	Vishali Thapta	20	15	22	13	70	A
181615	Abhay Kaith	20	18	12	7	57	B
181616	Sushant	18	18	20	7	63	B+
181617	Ritik Kumar Puri	23	22	24	12	81	A+
181618	Abhay Kanwar	19	18	18	5	60	B+
181619	Rohit Lakhera	24	18	21	8	71	A
181621	Atul Vashisht	26	15	20	6	67	B+
181622	Navneet Sharma	18	15	14	7	54	B
181623	Deepak Sharma	21	19	17	7	64	B+
181625	Abhay Joshi	16	17	18	9	60	B+
181626	Muskan Negi	28	20	24	9	81	A+
181627	Utkarsh	17	18	23	9	67	B+
181629	Suryansh Singh	27	19	15	10	71	A
181630	Bhuvan Walia	20	18	18	8	64	B+
181632	Arnav Rawat	25	20	23	9	77	A
181633	Aditya Chauhan	21	18	12	9	60	B+
181634	Priyanshu Sharma	20	19	16	7	62	B+
181635	Rakshit Sharma	21	20	21	12	74	A
181637	Abhishek Sharma	23	18	21	8	70	A
181638	Sahil Negi	20	18	18	9	65	B+
181642	Yash Gupta	22	20	21	9	72	A
181643	Pranav Dogra	15	18	22	9	64	B+
181644	Anushka Anand	20	21	23	11	75	A
181645	Amish Kartik	25	20	24	13	82	A+
181648	Passang Dorji	24	14	15	8	61	B+
181657	Saijal Verma	29	17	23	11	80	A+
181659	Nikhil Sharma	15	17	22	8	62	B+
181660	Hemang Jandrotia	25	18	22	9	74	A
181661	Deval	27	22	24	10	83	A+
181662	Ayush Sharma	24	17	22	7	70	A
181663	Ritik	20	14	16	7	57	B

(Signature of Instructor)



Prepared by

Approved by



**Draft Saved Grade Sheet**

CoOrdinator Name/Member name : AKHILESH GANDHI (611)

(21)

Exam Code :2021ODDSEM Subject Code :BUILDING DRAWING LAB (18B17CE771)

**Calculation Parameter**

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	4	80	4
A	70	77	2	70	11
B+	60	75	5	60	5
B	50	67	7	50	4
C+	40	50	6	40	0
C	35	34	3	35	2
D	30	0	0	30	1
F	29	0	0	29	0
Pre-Graded	-	-	0	-	0

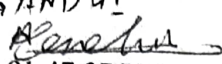
SNo.	Roll No.	Student Name	Marks	Grade
1.	181603	Ujjwal Kumar	80.0	A+
2.	181608	Aniket	81.0	A+
3.	181612	Gaurav Sharma	76.0	A
4.	181613	Rishabh Jaswal	67.0	B+
5.	181615	Abhay Kaith	34.0	D
6.	181616	Sushant	68.0	B+
7.	181625	Abhay Joshi	63.0	B+
8.	181627	Utkarsh	58.0	B
9.	181629	Suryansh Singh	50.0	B
10.	181631	Ayush Thakur	64.0	B+
11.	181633	Aditya Chauhan	35.0	C
12.	181635	Rakshit Sharma	80.0	A+
13.	181638	Sahil Negi	35.0	C
14.	181639	Abhinesh Thakur	51.0	B
15.	181644	Anushka Anand	57.0	B
16.	181647	Sonam Dorji	75.0	A
17.	181648	Passang Dorji	76.0	A
18.	181649	Phub Dorji	77.0	A
19.	181650	Sonam Tshering	67.0	B+
20.	181651	Tshering Gyeltshen	76.0	A
21.	181652	Kinley Zam	84.0	A+
22.	181653	Sonam Tshewang Dema	74.0	A
23.	181654	Dechen Tshomo	74.0	A
24.	181655	Namgay Wangmo	75.0	A





SNó.	Roll No.	Student Name	Marks	Grade
25.	181656	Pema Yuden	70.0	A
26.	181659	Nikhil Sharma	72.0	A
27.	181661	Deval	78.0	A


Name:- AKHILESH GANDHI

Signature of Instructor: 

Submitted on..20-12-2021 01:47:27 PM

\*Detained/Absent Candidate

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20/12/21

Approved



Dean (Dea)





(19)

## Draft Saved Grade Sheet

CoOrdinator Name/Member name : ROHAN SINGHAL (606)  
 Exam Code :2021ODDSEM Subject Code :CONSTRUCTION TECHNIQUES (10M11CE111)

Calculation Parameter

Grade	Normal Range (%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	0	80	0
A	10	71	2	70	3
B+	20	66	4	60	7
B	25	58	5	50	6
C+	25	50	5	40	2
C	15	44	2	35	0
D	0	0	0	30	0
F	30	0	1	0	1
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	181602	Yamit Dhalaik	70.0	A
2.	181604	Harshit Thakur	55.0	B
3.	181605	Shubham	61.0	B+
4.	181606	Varun Kapil	56.0	B
5.	181610	Vishal Garg	26.0	F
6.	181614	Vishali Thapta	64.0	B+
7.	181621	Atul Vashisht	75.0	A
8.	181622	Navneet Sharma	46.0	C+
9.	181626	Muskan Negi	66.0	B+
10.	181630	Bhuvan Walia	44.0	C+
11.	181632	Arnav Rawat	63.0	B+
12.	181634	Priyanshu Sharma	50.0	B
13.	181637	Abhishek Sharma	56.0	B
14.	181643	Pranav Dogra	54.0	B
15.	181645	Amish Kartik	58.0	B
16.	181657	Saijal Verma	68.0	B+
17.	181660	Hemang Jandrotia	71.0	A
18.	181662	Ayush Sharma	66.0	B+
19.	181663	Ritik	60.0	B+



Name:- ROHAN SINGHAL

Signature of Instructor: *Singhal*

Submitted on..28-12-2021 09:28:19 AM

\*Detained/Absent Candidate

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28-12-2021



**Draft Saved Grade Sheet**

(19)

Examinator Name/Member name : AKASH BHARDWAJ (585)

Exam Code  
2022EVESEM

Subject Code : CONSTRUCTION PLANNING AND CONTROL (21BIWCE832)

**Calculation Parameter**

Grade	Normal Range(%) of marks	Initial Boundary	Initial Count	Revised Boundary	Revised Count
A+	80	80	1	80	1
A	70	76	2	70	5
B+	60	67	4	60	7
B	50	62	5	50	5
C+	40	53	5	40	1
C	35	44	2	35	0
D	30	0	0	30	0
F	0	0	0	0	0
Pre-Graded	-	-	0	-	0

SNo.	Roll No.	Student Name	Marks	Grade
1.	181602	Yamit Dhalaik	81.0	A+
2.	181604	Harshit Thakur	64.0	B+
3.	181605	Shubham	63.0	B+
4.	181606	Varun Kapil	53.0	B
5.	181614	Vishali Thapta	72.0	A
6.	181621	Atul Vashisht	76.0	A
7.	181622	Navneet Sharma	57.0	B
8.	181626	Muskan Negi	76.0	A
9.	181630	Bhuvan Walia	50.0	B
10.	181632	Arnav Rawat	65.0	B+
11.	181633	Aditya Chauhan	67.0	B+
12.	181634	Priyanshu Sharma	53.0	B
13.	181637	Abhishek Sharma	44.0	C+
14.	181643	Pranav Dogra	66.0	B+
15.	181645	Amish Kartik	56.0	B
16.	181657	Saijal Verma	62.0	B+
17.	181660	Hemang Jandrotia	74.0	A
18.	181662	Ayush Sharma	71.0	A
19.	181663	Ritik	61.0	B+



Name:- Gaurav Chauran  
 Signature of Instructor: Gaurav  
 Submitted on..30-05-2022 05:45:28 PM

\*Detained/Absent Candidate

181622  
 Dean (C&P)

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(HCE)



Doc.No.:

24

**TITLE: Ongoing performance record of students**

Course Name ADVANCED STRUCTURAL ANALYSIS Course No. 18B1WCE631 L :3 T :0 P :0 Cr:3  
v/Odd) 6 Year : 2021EVESEM

Rollno.	Name	TEST-3(35.0)	TEST-2(25.0)	TA(25.0)	TEST-1(15.0)	Total (100.0)	Grade
181603	Ujjwal Kumar	29	17	20	14	80	A+
181607	Abhay Sharma	27	9	18	12	66	B+
181608	Aniket	16	11	23	7	57	B
181610	Vishal Garg	15	5	16	5	41	C+
181611	Madhvender Singh	25	15	17	11	68	B+
181612	Gaurav Sharma	19	22	24	12	77	A
181613	Rishabh Jaswal	19	16	18	11	64	B+
181615	Abhay Kaith	27	12	16	7	62	B+
181616	Sushant	28	16	19	12	75	A
181617	Ritik Kumar Puri	28	21	21	11	81	A+
181618	Abhay Kanwar	29	17	20	9	75	A
181619	Rohit Lakhera	27	17	23	9	76	A
181623	Deepak Sharma	24	16	18	8	66	B+
181625	Abhay Joshi	22	17	19	9	67	B+
181627	Utkarsh	26	17	20	11	74	A
181629	Suryansh Singh	26	19	21	10	76	A
181633	Aditya Chauhan	22	19	19	7	67	B+
181635	Rakshit Sharma	28	14	17	14	73	A
181638	Sahil Negi	21	15	17	8	61	B+
181642	Yash Gupta	29	17	20	11	77	A
181644	Anushka Anand	24	20	24	12	80	A+
181648	Passang Dorji	20	15	21	9	65	B+
181659	Nikhil Sharma	23	8	17	10	58	B
181661	Deval	28	15	22	12	77	A

Signature of Instructor)

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Doc.No.:

## TITLE: Ongoing performance record of students

Course Name CONSTRUCTION TECHNOLOGY AND MANGEMENT Course No. 18B1WCE531 L:3 T:0 P:0 Cr:3  
Semester :(Even/Odd) 5 Year : 2021ODDSEM

Rollno.	Name	TEST-3 (35.0)	TEST-2 (25.0)	TA(25.0)	TEST-1(15.0)	Total (100.0)	Grade
181636	Suksham Sharma	25	22	23	12	82	A+
191009	Ronit Mahajan	24	22	22	12	80	A+
191437	Shivankar Partap Singh Guleria	7	17	18	8	50	B
191601	Shubham Sharma	20	18	22	12	72	A
191602	Ayush Thakur	10	22	23	10	65	B+
191603	Nischay Thakur	8	18	23	11	60	B+
191604	Deepak Thakur	15	18	20	10	63	B+
191605	Harish Singh Kanwar	18	20	23	10	71	A
191606	Avinash	11	17	20	12	60	B+
191607	Naman Bhardwaj	4	19	20	12	55	B
191608	Sumit Chahar	18	21	22	10	71	A
191609	Hardik Dhillon	25	18	20	12	75	A
191610	Rijul Thakur	10	18	20	12	60	B+
191611	Ishan Singa	16	8	15	11	50	B
191612	Paras Jaswal	14	17	23	10	64	B+
191613	Ujjwal Sharma	5	18	18	10	51	B
191614	Akhil Janawa	26	19	23	12	80	A+
191615	Manan Sharma	6	19	15		40	C+
191616	Arjun Verma	15	20	24	12	71	A
191617	Astik Prashar	15	18	21	12	66	B+
191618	Manish	12	22	16	10	60	B+
191620	Lakshay Sharma	20	18	22	12	72	A
191621	Aryan Singh ✓	8	19	15	12	54	B
191622	Apoorav Bedi ✓	8	14	21	7	50	B
191624	Devendra Ahlay ✓	12	15	24	10	61	B+
191625	Jeewan Biswa ✓	12	15	24	10	61	B+
191626	Karma Choden ✓	15	18	21	12	66	B+
191627	Pem Dorji ✓	4	16	22	9	51	B
191628	Rada Wangmo ✓	16	16	22	12	66	B+
191629	Tenzin Wangchuk ✓	15	18	21	12	66	B+
191630	Ugyen Phuntsho ✓	10	20	23	12	65	B+
191631	Yeshe Jatsho ✓	10	19	20	12	61	B+
191632	Ujjwal Tyagi ✓	3	17	20	11	51	B
191633	Vardhan Khajuria ✓	8	21	23	12	64	B+

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Doc.No.:

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**TITLE: Ongoing performance record of students**

**Course Name** ADVANCED STRUCTURAL ANALYSIS **Course No.** 18B1WCE631 **L :3 T :0 P :0 Cr:3**  
**Semester :**(Even/Odd) 6 **Year :** 2022EVESEM

Rollno.	Name	TEST-3(35.0)	TEST-2(25.0)	TA(25.0)	TEST-1(15.0)	Total (100.0)	Grade
181636	Suksham Sharma	22	23	22	10	77	A
191009	Ronit Mahajan	20	22	23	10	75	A
191437	Shivankar Partap Singh Guleria	11	10	18	5	44	C+
191601	Shubham Sharma	22	20	20	11	73	A
191602	Ayush Thakur	22	18	19	7	66	B+
191603	Nischay Thakur	26	18	20	8	72	A
191604	Deepak Thakur	16	18	19	11	64	B+
191605	Harish Singh Kanwar	16	18	19	11	64	B+
191606	Avinash	16	10	16	9	51	B
191607	Naman Bhardwaj	16	7	15	6	44	C+
191608	Sumit Chahar	15	17	20	11	63	B+
191609	Hardik Dhillon	19	18	19	9	65	B+
191610	Rijul Thakur	17	10	16	8	51	B
191611	Ishan Singa	7	6	13			
191612	Paras Jaswal	15	15	17	8	55	B
191613	Ujjwal Sharma	11	11	16	8	46	C+
191614	Akhil Janawa	21	17	18	9	65	B+
191615	Manan Sharma	18	13	16	4	51	B
191616	Arjun Verma	19	18	19	11	67	B+
191617	Astik Prashar	19	20	20	7	66	B+
191618	Manish	23	9	16	7	55	B
191620	Lakshay Sharma	17	14	15	5	51	B
191621	Aryan Singh	7	4	15	6	32	D
191622	Apoorav Bedi	11	11	15	4	41	C+
191624	Devendra Ahlay	8	18	17	7	50	B
191625	Jeewan Biswa	20	17	19	11	67	B+
191626	Karma Choden	13	15	17	6	51	B
191627	Pem Dorji	11	17	19	10	57	B
191628	Rada Wangmo	20	14	17	6	57	B
191629	Tenzin Wangchuk	17	12	16	7	52	B
191630	Ugyen Phuntsho	16	14	17	6	53	B
191631	Yeshe Jatsho	15	16	19	11	61	B+
191632	Ujjwal Tyagi	16	16	21	10	63	B+
191633	Vardhan Khajuria	8	16	17	6	47	C+

(Signature of Instructor)

Prepared by

Approved by





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Doc.No.:

TITLE: Ongoing performance record of students

Course Name COMPUTER APPLICATIONS IN ENVIRONMENTAL ENGINEERING LAB Course No. 21BIWCE871 L:OT:P:6 Cr:3  
Semester : (Even/Odd) 8 Year : 2022EVESEM

Rollno.	Name	P-1(20.0)	P-3(60.0)	P-2(20.0)	Total (100.0)	Grade
181631	Ayush Thakur	16	50	17	83	A+
181639	Abhimesh Thakur	15	47	15	77	A
181647	Sonam Dorji	17	55	17	89	A+
181649	Phub Dorji	15	52	17	84	A+
181650	Sonam Tshering	16	54	18	88	A+
181651	Tshering Gyeltshen	16	53	16	85	A+
181652	Kinley Zam	18	58	19	95	A+
181653	Sonam Tshewang Dema	17	59	17	93	A+
181654	Dechen Tshomo	18	59	19	96	A+
181655	Namgay Wangmo	18	58	19	95	A+
181656	Pema Yuden	19	58	18	95	A+

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TITLE: Ongoing performance record of students

Course Name CONSTRUCTION MANAGEMENT COMPUTATIONS Course No. 1881WC6641 L:1 T:0 P:4 Cr:3  
Semester (Even/Odd) 6 Year : 2021EVESEM

Rolno.	Name	P-1(20.0)	P-3(60.0)	P-2(20.0)	Total (100.0)	Grade
181602	Yamit Dhalak	13	35	15	63	B+
181604	Harsit Thakur	15	35	14	64	B+
181605	Shubham	14	33	13	60	B+
181606	Varun Kapil	16	34	14	64	B+
181614	Vishal Thapta	16	36	8	60	B+
181621	Atul Vashisht	15	36	12	63	B+
181622	Naynet Sharma	15	34	11	60	B+
181626	Muskan Negi	17	40	14	71	A
181630	Bhuvan Walla	14	38	10	62	B+
181631	Ayush Thakur	15	40	16	71	A
181632	Arnav Rawat	13	35	14	62	B+
181634	Priyanshu Sharma	14	35	18	67	B+
181637	Abhishek Sharma	15	33	13	61	B+
181639	Abhinesh Thakur	14	38	18	70	A
181643	Pranav Dogra	15	35	12	62	B+
181645	Amish Kartik	14	33	14	61	B+
181647	Sonam Dorji	14	35	17	66	B+
181649	Phub Dorji	15	35	15	65	B+
181650	Sonam Tshering	14	35	17	66	B+
181651	Tshering Gyeltshen	14	38	16	68	B+
181652	Kinley Zam	17	42	16	75	A
181653	Sonam Tshewang Dema	16	35	17	68	B+
181654	Dechen Tshomo	16	40	15	71	A
181655	Namgay Wangmo	15	38	15	68	B+
181656	Pema Yuden	13	38	11	62	B+
181657	Sajjal Verma	17	40	14	71	A
181660	Hemang Jandrotia	15	36	16	67	B+
181662	Ayush Sharma	14	35	19	68	B+
181663	Ritik	14	33	13	60	B+

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Doc.No.:

## TITLE: Ongoing performance record of students

Course Name DESIGN OF PRESTRESSED CONCRETE STRUCTURES Course No. 18B1WCE735 L:3 T:0 P:0 Cr:3  
Semester :(Even/Odd) 8 Year : 2022EVESEM

Rollno.	Name	TEST-3(35.0)	TEST-2(25.0)	TA(25.0)	TEST-1(15.0)	Total (100.0)	Grade
181603	Ujwal Kumar	22	18	20	10	70	A
181608	Aniket	6	7	15	8	36	C
181612	Gaurav Sharma	15	17	23	10	65	B+
181613	Rishabh Jaswal	3	9	15	9	36	C
181616	Sushant	10	9	18	9	46	C+
181625	Abhay Joshi	5	7	15	7	34	C
181627	Utkarsh	1	3	15	11	30	D
181629	Suryansh Singh	4	7	16	9	36	C
181635	Rakshit Sharma	19	12	23	10	64	B+
181638	Sahil Negi	5	6	15	8	34	C
181644	Anushka Anand	12	13	19	8	52	B
181659	Nikhil Sharma	17	13	23	10	63	B+
181661	Deval	29	20	23	13	85	A+

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TITLE: Ongoing performance record of students

Course Name MODELLING, SIMULATION AND COMPUTER APPLICATIONS Course No. 20B1WCE733 L :3 T :0 P :0 Cr:3  
Semester : (Even/Odd) 5 Year : 2020ODDSEM

Rollno.	Name	TEST-3(35.0)	TEST-2(25.0)	TA(25.0)	TEST-1(15.0)	Total (100.0)	Grade
181631	Ayush Thakur	27.5	12.5	20	10	70	A
181639	Abhinesh Thakur	27	12	17	10	66	B+
181647	Sonam Dorji	22.5	14.5	19	9	65	B+
181649	Phub Dorji	20.5	13.5	20	9	63	B+
181650	Sonam Tshering	28.5	14	19	9.5	71	A
181651	Tshering Gyeltshen	22	13	18	10	63	B+
181652	Kinley Zam	26.5	15.5	24	11	77	A
181653	Sonam Tshewang Dema	31.5	15.5	23	10	80	A+
181654	Dechen Tshomo	27.5	16.5	23	10	77	A
181655	Namgay Wangmo	28.5	16.5	23	9	77	A
181656	Pema Yuden	26.5	13.5	23	10	73	A

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## TITLE: Ongoing performance record of students

Course Name CONSTRUCTION PLANNING AND CONTROL Course No. 21B1WCE832 L:3 T:0 P:0 Cr:3  
Semester : (Even/Odd) 8 Year : 2022EVESEM

Rollno.	Name	TEST-3(35.0)	TEST-2(25.0)	TA(25.0)	TEST-1(15.0)	Total (100.0)	Grade
181602	Yamit Dhalajik	30	19	22	10	81	A+
181604	Harshit Thakur	24	13	19	8	64	B+
181605	Shubham	26	10	18	9	63	B+
181606	Varun Kapil	14	10	19	10	53	B
181614	Vishal Thapra	26	16	21	9	72	A
181621	Atul Vashisht	28	18	20	10	76	A
181622	Navneet Sharma	22	9	18	8	57	B
181626	Muskan Negi	27	17	21	11	76	A
181630	Bhuvan Walla	17	7	18	8	50	B
181632	Arnab Rawat	20	13	22	10	65	B+
181633	Aditya Chauhan	28	8	21	10	67	B+
181634	Priyanshu Sharma	16	9	19	9	53	B
181637	Abhishek Sharma	10	8	18	8	44	C+
181643	Pranav Dogra	26	10	20	10	66	B+
181645	Amish Kartik	23	23	23	10	56	B
181657	Saijal Verma	21	11	21	9	62	B+
181660	Hemang Jandrotia	24	17	22	11	74	A
181662	Ayush Sharma	24	14	22	11	71	A
181663	Ritik	19	13	21	8	61	B+

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Prepared by

Approved by

