

LIST OF YEAR ACTIVITIES

INFOSYS 2018

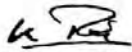


CERTIFICATE OF PARTICIPATION

AWARDED TO

Dr. Vijay Rana

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



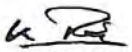
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Gurpinder Singh

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



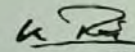
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Dr. Vikrant Jaryan

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



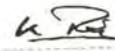
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Er. Jagjeet Singh

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
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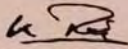
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Er. Pardeep Singh

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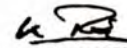
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Mr. Amit Guleria

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



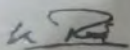
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Bhavandeep Vasudev

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



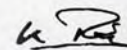
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Mr. Harminder Singh

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



Raghavendra K
Senior Vice President & Global Head HRD
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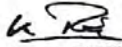


CERTIFICATE OF PARTICIPATION

AWARDED TO

Rajdeep Singh

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



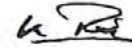
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Vipan Kumar

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
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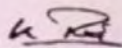
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Avneet Pal Kaur

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



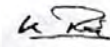
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

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Manjot Kaur

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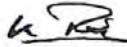
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Navpreet Kaur

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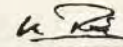
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Nirmal Kaur

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Renuka

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



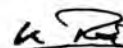
Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Ritu Mahan

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.



Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd



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CERTIFICATE OF PARTICIPATION

AWARDED TO

Sonia

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.

Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd



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CERTIFICATE OF PARTICIPATION

AWARDED TO

Nikita Sharma

for participating in the Faculty Development Program
for "Global Business Foundation Skills", a CSR initiative, conducted by
Infosys BPM Ltd. at Chandigarh from 10th December to 15th December, 2018.

Raghavendra K
Senior Vice President & Global Head HRD
INFOSYS BPM Ltd

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CERTIFICATE OF PARTICIPATION

AWARDED TO

Dr. Ajitpal Singh

for participating in the Online Faculty Development Program
for "Global Business Foundation Skills", a Corporate Social Responsibility initiative,
conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependra Mathur

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Dr. Anil Kumar Singh

for participating in the Online Faculty Development Program
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conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependra Mathur

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Dr. Ashima Kanwar

for participating in the Online Faculty Development Program
for "Global Business Foundation Skills", a Corporate Social Responsibility initiative,
conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependra Mathur

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Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Dr. Indu Sharma

for participating in the Online Faculty Development Program
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Dependra Mathur

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Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Prof. R.S Pathania

for participating in the Online Faculty Development Program for "Global Business Foundation Skills", a Corporate Social Responsibility initiative, conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependra Mathur

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Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Dr. Shalu Rani

for participating in the Online Faculty Development Program for "Global Business Foundation Skills", a Corporate Social Responsibility initiative, conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependra Mathur

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Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

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Dr. Surinder Kaur

for participating in the Online Faculty Development Program for "Global Business Foundation Skills", a Corporate Social Responsibility initiative, conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependra Mathur

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Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Dr. Umesh Sehgal

for participating in the Online Faculty Development Program for "Global Business Foundation Skills", a Corporate Social Responsibility initiative, conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependra Mathur

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CERTIFICATE OF PARTICIPATION

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Dr. Vikrant Jaryan

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Dependrahathu

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CERTIFICATE OF PARTICIPATION

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Er. Amrinder Singh

for participating in the Online Faculty Development Program
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Dependrahathu

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CERTIFICATE OF PARTICIPATION

AWARDED TO

Er. Arshdeep

for participating in the Online Faculty Development Program
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Dependrahathu

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

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Er. Gurpreet Singh

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CERTIFICATE OF PARTICIPATION

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Er. Harjit Kaur

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Dependadrathu

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

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CERTIFICATE OF PARTICIPATION

AWARDED TO

Er. Jagteshwar Singh

for participating in the Online Faculty Development Program for "Global Business Foundation Skills", a Corporate Social Responsibility initiative, conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependadrathu

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Mr. Saurav Kumar

for participating in the Online Faculty Development Program for "Global Business Foundation Skills", a Corporate Social Responsibility initiative, conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependadrathu

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Mr. Sukhwinder Singh

for participating in the Online Faculty Development Program for "Global Business Foundation Skills", a Corporate Social Responsibility initiative, conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependadrathu

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd



CERTIFICATE OF PARTICIPATION

AWARDED TO

Kuljeet Kaur

for participating in the Online Faculty Development Program
for "Global Business Foundation Skills", a Corporate Social Responsibility initiative,
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Dependadrathu

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

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Kulwinder Kaur

for participating in the Online Faculty Development Program
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Dependadrathu

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Meena

for participating in the Online Faculty Development Program
for "Global Business Foundation Skills", a Corporate Social Responsibility initiative,
conducted by Infosys BPM Ltd. from 1st July to 14th July, 2021

Dependadrathu

Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

CERTIFICATE OF PARTICIPATION

AWARDED TO

Narinder Kaur

for participating in the Online Faculty Development Program
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CERTIFICATE OF PARTICIPATION

AWARDED TO

Rajvir Kaur

for participating in the Online Faculty Development Program
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Rajveer Kaur

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Dependra Mathur
Vice President & Global Head HRD
INFOSYS BPM Ltd

**IIT DELHI
VIRTUAL LAB**

Sant Baba Bhag Singh University,

Virtual Labs Usage Report (August'19- Nov'19)

Semester: 1st

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs conducted (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|------------------|----------------------|---|---------------------|-----------------------------------|----------------------------------|--|---------------------|
| 1. | UIISH | Physical Science | M.Sc.(Physics-II) | Electronics Lab | 07 | 01 | 02 | 14 | Ms. Parveen Sharma |
| 2. | UIET | CSE | B. Tech (CSE) | BEE Lab | 52 | 02 | 02 | 208 | Er. Anil |
| 3. | UIISH | Physical Science | B.Sc. (NM+M) | Atomic structure, bonding and organic chemistry Lab | 51 | 03 | 03 | 459 | Ms. AvneetPal Kaur, |
| 4. | | | BSc (HMCT) Sec-A | CS Lab | 55 | 02 | 10 | 1100 | Ms. Vasudha Sood |
| 5. | UIISH | Zoology | M.Sc. (Zoology) | Structure and functions of animals Lab | 33 | 03 | 03 | 297 | Dr. Aditya Gupta |
| 6. | UIET | ME, EE, CE | B. Tech (ME, EE, CE) | BEC Lab | 38 | 02 | 02 | 152 | Er. Jasjit Singh |
| 7. | UIISH | Physical Science | B.Sc. (Non-Med) | Mechanics Lab | 14 | 01 | 01 | 14 | Ms. Parveen Sharma |
| 8. | UIET | CSE | B. Tech. (CSE) | Physics Lab | 67 | 03 | 04 | 804 | Ms. Arwinder Kaur |
| 9. | UIISH | Physical Science | M.Sc. (Physics) | Electronics Lab | 14 | 02 | 03 | 84 | Ms. Arwinder Kaur |
| 10. | UICAIS | CSA | BCA (Sec-A) | Programming in C Lab | 27 | 01 | 04 | 108 | Mr. Kamal |
| 11. | UICAIS | CSA | BCA (Sec-B) | Programming in C Lab | 24 | 01 | 03 | 72 | Ms. Martina |
| 12. | UICAIS | CSA | BCA Sem (Sec-B) | Programming in C Lab | 28 | 01 | 03 | 84 | Ms. Babita |
| Total | | | | | 410 | 22 | 40 | 3396 | |

Suman Kaur

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs performed (B) | No. of experiments (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------|-----------|------------------|-----------------------------|-----------------------------------|------------------------|--|------------------------------|--|---------------------|
| 1. | UIISH | Physical Science | M.Sc.(Physics-H) | Nuclear Physics Lab | 06 | 01 | 01 | 06 | Ms. Meena |
| 2. | UIISH | Physical Science | B.Sc. (NM+CS) | Thermal Physics and Stats. Lab | 64 | 04 | 04 | 1024 | Mr. Lucky Malhotra |
| 3. | UIET | EE | B. Tech (EE) | EM-1 Lab | 07 | 01 | 01 | 07 | Er. Pardeep Singh |
| 4. | UIET | CSE, EE, ECE | B. Tech (CSE, EE, ECE) | DE Lab | 32 | 02 | 02 | 128 | Er. Jasjit Singh |
| 5. | UIET | CE | B.Tech (CE) | FM Lab | 36 | 02 | 02 | 144 | Er. Parveen Kaur |
| 6. | UIET | CE | B.Tech (CE) | SM Lab | 16 | 01 | 02 | 32 | Er. Varinder Singh |
| 7. | UIISH | Physical Science | B.Sc. (Non- Medical+Med) | Organic Chemistry-II Lab | 63 | 03 | 03 | 567 | Ms. Avneet Pal Kaur |
| 8. | UIET | ECE | B. Tech (ECE) | EDC Lab | 09 | 03 | 04 | 108 | Er. Jagjeet Singh |
| 9. | UICAIS | CSA | BCA(B), B.Sc(IT) | Data Structure Lab | 35 | 01 | 03 | 105 | Er. Nidhi Arora |
| 10. | UICAIS | CSA | BCA(A) | Data Structure Lab | 36 | 01 | 03 | 108 | Er. Nidhi Arora |
| 11. | UICAIS | GSA | MCA | Data Structure Lab | 10 | 01 | 03 | 30 | Ms. Navpreet |
| 12. | UIET | EE | B.Tech (EE) | Analog Electronics Lab | 10 | 01 | 03 | 30 | Er. Jasjit Singh |
| Total | | | | | 324 | 21 | 31 | 2289 | |

Shubant Kaur

Semester: 5th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|------------------|------------------|---------------------------------|-----------------|-------------------------------|--------------------|---|--------------------|
| 1. | UIISH | Physical Science | B. Sc. (NM+CS) | Spectroscopy Lab | 21 | 01 | 03 | 63 | Dr. Deepika Gautam |
| 2. | UIET | CSE | B.Tech (CSE) | PSED Lab | 136 | 04 | 04 | 2176 | Dr. Jagdeep Kaur |
| 3. | UIISH | Physical Science | B.Sc. Med | Chemistry Lab | 12 | 01 | 01 | 12 | Ms. Avneet Pal |
| 4. | UIISH | Physical Science | B.Sc. (Non-Med) | Physics Lab | 45 | 02 | 02 | 180 | Ms. Meena |
| 5. | UICAIS | CSA | BCA(B), B.Sc(IT) | Fundamentals of Data Structures | 50 | 01 | 03 | 150 | Ms. Navpreet |
| 6. | UICAIS | CSA | BCA (A) | Fundamentals of Data Structures | 38 | 01 | 03 | 114 | Ms. Navpreet |
| 7. | UIET | EE | B.Tech (EE) | PS-II Lab | 10 | 01 | 01 | 10 | Er. Neha Kapila |
| Total | | | | | 312 | 11 | 17 | 2705 | |

Suman

Semester: 7th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Number of Virtual labs experiments performed Z ^o A*B*C | Name of teacher |
|--------|-----------|-------|-------------|-------------|-----------------|-------------------------------|--------------------|--|-------------------|
| 1. | UIET | EE | B.Tech (EE) | MIC&PLC Lab | 72 | 04 | 04 | 1152 | Dr. Gurmarak Kaur |
| Total | | | | | | | | 1152 | |

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Sant Baba Bhag Singh UNIVERSITY

Village: Khiala: P.O.: Padhiana, Distt: Jalandhar-144030
Website: www.sbbsuniversity.ac.in Phone: 0181-2711163 Fax: 0181-2711555

Ref. No.: SBBSU/VLabs usage/Aug-Nov'19

Date: 16/12/2019

VIRTUAL LABS REPORT

(Aug'19 – Nov'19)

Name of Nodal Center: Sant Baba Bhag Singh University, Vill: Khiala, P.O.: Padhiana,
Distt.: Jalandhar, Punjab, INDIA
Affiliated to: UGC, New Delhi

Semester wise Virtual Labs usages

Semester: 1st

Number of Virtual labs experiments performed = 3396

Semester: 3rd

Number of Virtual labs experiments performed = 2289

Semester: 5th

Number of Virtual labs experiments performed = 2705

Semester: 7th

Number of Virtual labs experiments performed = 1152

Signature

Nodal Co-ordinator

Signature


Director

Sant Baba Bhag Singh University

Virtual Labs Usage Report (July 2017- December 2017)

Semester: 1st

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Name of teacher |
|--------|-----------|-------------------------------------|---|----------------|-----------------|-------------------------------|--------------------|--------------------|
| 1. | UIE | Humanities | B.A. | English | 18 | 01 | 01 | Ms. Veena Bains |
| 2. | UICM | Hotel Mgt. & Catering Technology | B.Sc. (HMCT)-Group A | CS(P) | 21 | 02 | 10 | Ms. Gurvir Kaur |
| 3. | UICM | Hotel Mgt. & Catering Technology | B.Sc. (HMCT)-Group B | CS(P) | 19 | 02 | 09 | Ms. Gurvir Kaur |
| 4. | UIE | Humanities | B.A. | English | 48 | 01 | 03 | Ms. Gurvir Kaur |
| 5. | UIET | Airlines Tourism & Hospitality Mgt. | B.Sc. (ATHM) | CS(T) | 22 | 02 | 06 | Ms. Gurvir Kaur |
| 6. | UIISH | Natural Sciences | B. Sc (Medical, Non-Medical, MLS, Computer Science) | English | 78 | 03 | 13 | Ms. Gurvir Kaur |
| 7. | UIE | Physical Education | BPES | English | 38 | 02 | 12 | Ms. Rajvir Kaur |
| 8. | UICM | Management | BBA | CS(P) | 57 | 02 | 10 | Ms. Rajvir Kaur |
| 9. | UICM | Management | MBA | PCS | 49 | 02 | 12 | Ms. Rajvir Kaur |
| 10. | UIET | ME, CE | B. Tech. | CS(P) | 10 | 01 | 06 | Ms. Taranjeet Kaur |
| 11. | UIL | Law | BALLB | G. English (T) | 70 | 03 | 08 | Ms. Taranjeet Kaur |
| 12. | UIE | Fashion Designing | B. Sc. (FD) | G. English (T) | 26 | 01 | 02 | Ms. Taranjeet Kaur |
| 13. | UICM | Commerce | M. Com | PCS | 18 | 02 | 04 | Ms. Taranjeet Kaur |
| 14. | UIISH | Agriculture | B. Sc. (Agriculture) | G. English | 32 | 01 | 02 | Dr. Dinesh |

 (No del Co-ordinator
Virtual Labs)
SBBSU

| | | | | | | | | |
|--------------|--------|-----------------|---------------------------|----------------|------------|-----------|------------|---------------------|
| 15. | UIE | Humanities | M. Phil | English | 09 | 03 | 05 | Dr. Dinesh |
| 16. | UIE | Education | B. Ed. | PED of English | 20 | 04 | 12 | Dr. Sarla Nirankari |
| 17. | UIISH | Natural Science | M. Sc. (Biotech.) | Biotech. | 01 | 01 | 01 | Dr. S.M. Bhatt |
| 18. | UIET | EE | B. Tech. | BEE | 06 | 01 | 03 | Er. Anshuman |
| 19. | UIET | CSE | B. Tech. | BEE | 36 | 01 | 03 | Er. Anshuman |
| 20. | UIISH | Physics | B. Sc. (Non-Medical) | Physics | 80 | 04 | 04 | Ms. Parveen Sharma |
| 21. | UIISH | Physics | B. Sc. (Computer Science) | Physics | 04 | 04 | 04 | Ms. Parveen Sharma |
| 22. | UICAIS | CSA | MCA | BPL | 16 | 01 | 06 | Mr. Vipin |
| Total | | | | | 681 | 44 | 136 | |

Number of Virtual labs experiments performed = $681 \times 44 \times 136 = 40,75,104$

Jeg (Model Coordinator)

Semester: 3rd

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Name of teacher |
|--------------|-----------|------------|---------------------|-------------|-----------------|-------------------------------|--------------------|--------------------|
| 1. | UIET | EE | B. Tech. | EMMI | 15 | 01 | 01 | Dr. Gurmanik Kaur |
| 2. | UIET | EE | B. Tech. | SDC | 29 | 02 | 06 | Er. Jagjit Singh |
| 3. | UIET | ECE | B. Tech. | EDC | 18 | 02 | 04 | Er. Jagjit Singh |
| 4. | UIET | CSE | B. Tech. | DE | 50 | 01 | 03 | Er. Manpreet Kaur |
| 5. | UIET | ECE | B. Tech. | DE | 09 | 01 | 03 | Er. Manpreet Kaur |
| 6. | UIE | Humanities | B. A. | English | 13 | 01 | 01 | Ms Veena Bains |
| 7. | UIE | Humanities | B. A. | E. English | 01 | 01 | 02 | Ms. Gurvir Kaur |
| 8. | UIE | Humanities | B. A. | G. English | 51 | 03 | 04 | Dr. Dinesh |
| 9. | UIISH | Physics | B.Sc. (Non-Medical) | Physics-III | 07 | 01 | 03 | Ms. Parveen Sharma |
| 10. | UICAIS | CSA | MCA | DS | 23 | 01 | 06 | Ms. Manpreet Kaur |
| 11. | UICAIS | CSA | M. Sc. (IT) | CG | 10 | 02 | 04 | Mr. Davinder Singh |
| Total | | | | | 226 | 16 | 37 | |

Number of Virtual labs experiments performed = $226 \times 16 \times 37 = 1,33,792$

Slav
(Nobel Co-ordinator)

Semester: 5th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Name of teacher |
|--------------|-----------|--------------|----------------------|-----------------|-----------------|-------------------------------|--------------------|------------------------|
| 1. | UIE | Humanities | B.A. | English | 09 | 01 | 01 | Ms. Veena Bains |
| 2. | UIET | ME, AE, CE | B. Tech. | PCS | 23 | 01 | 02 | Ms. Taranjeet Kaur |
| 3. | UIET | CSE, ECE, EE | B. Tech. | PCS | 74 | 02 | 05 | Ms. Taranjeet Kaur |
| 4. | UIE | Humanities | B.A. | English | 07 | 02 | 03 | Dr. Dinesh |
| 5. | UIET | CSE | B. Tech. | PSED | 233 | 07 | 07 | Er. Jagdeep Kaur |
| 6. | UIET | CSE | B. Tech. | CG | 34 | 01 | 04 | Er. Gurpreet Singh |
| 7. | UIET | ECE | B. Tech. | DSP | 07 | 01 | 04 | Meena Aggarwal |
| 8. | UIET | ECE | B. Tech. | DC | 08 | 01 | 03 | Er. Harleen Kaur (ECE) |
| 9. | UIET | EE | B. Tech. | Power System-II | 11 | 01 | 02 | Er. Harleen Kaur (EE) |
| 10. | UISH | Physics | B. Sc. (Non-Medical) | Physics | 25 | 02 | 02 | Ms. Simranpreet Kaur |
| 11. | UICAIS | CSA | BCA, B. Sc. (IT) | DS | 19 | 01 | 05 | Mr. Inderjit Singh |
| Total | | | | | 450 | 20 | 38 | |

Number of Virtual labs experiments performed = $450 \times 20 \times 38 = 3,42,000$

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Sant Baba Bhag Singh University

Virtual Labs Usage Report (March 2018- April 2018)

Semester: 2nd

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs conducted | No. of experiments performed | Name of teacher |
|--------------|-----------|-------|----------|--------------------------------------|-----------------|-------------------------------|------------------------------|--------------------|
| 1. | UIET | ME+CE | B. Tech. | BEE | 19 | 02 | 06 | Er. Anshuman Anshu |
| 2. | UICAIS | CSA | BCA, A2 | Introduction to Programming Language | 17 | 01 | 08 | Er. Gurpreet Singh |
| 3. | UICAIS | CSA | BCA, B2 | Introduction to Programming Language | 14 | 01 | 06 | Er. Manpreet Kaur |
| 4. | UICAIS | CSA | BCA, B1 | IPL | 10 | 01 | 04 | Er. Savita Mahi |
| 5. | | | | | | | | |
| 6. | | | | | | | | |
| 7. | UICAIS | CSA | BCA, A1 | Introduction to Programming Language | 34 | 02 | 08 | Mr. Vipam |
| 8. | UIET | ECE | B. Tech | BEC | 18 | 01 | 02 | Er. Jagjit Singh |
| Total | | | | | 112 | 8 | 34 | |

Number of Virtual labs experiments performed = $112 * 8 * 34 = 30,464$

(Signature)
(Vice-Chancellor)

Semester: 4th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Name of teacher |
|--------------|-----------|-------|---------------|--------------------|-----------------|-------------------------------|--------------------|---------------------------------------|
| 1. | UICA | CSA | MCA | CG | 26 | 01 | 06 | Er. Jaspreet Minhas |
| 2. | UICA | CSA | BCA+B.Sc (IT) | Fundamentals of CG | 58 | 02 | 06 | Er. Jaspreet Minhas |
| 3. | UIET | EE | B. Tech. | DE | 38 | 02 | 02 | Dr. Gurmanik kaur/ Er. Umesh Kumar |
| 4. | UIET | EE | B. Tech. | EM-II | 19 | 01 | 02 | Er Pardeep Singh Er. Umesh Kumar |
| 5. | UIET | ECE | B. Tech. | CS | 00 | 00 | 00 | Er. Mandeep Kaur |
| Total | | | | | 141 | 06 | 16 | |

Number of Virtual labs experiments performed = $141 * 6 * 16 = 13,536$

(Handwritten Signature)
Virtual Coordinator

Semester: 6th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Name of teacher |
|--------------|-----------|-------|--------------|---------------|-----------------|-------------------------------|--------------------|-------------------------------------|
| 1. | UIET | ME | B. Tech (ME) | Heat Transfer | 29 | 01 | 02 | .Er. Inderjit Singh |
| 3. | UIET | EE | B. Tech. | EM-III | 13 | 01 | 03 | Er Pardeep Singh Er. Umesh Kumar |
| Total | | | | | 42 | 02 | 05 | |

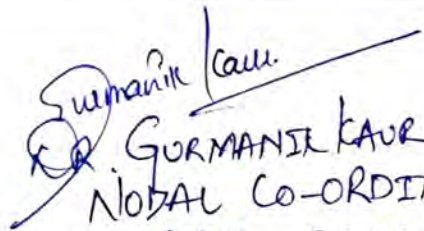
Number of Virtual labs experiments performed = $42 \times 2 \times 5 = 420$

Skay
(Nodal Coordinator)

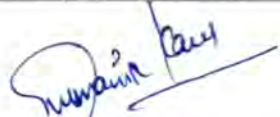
Sant Baba Bhag Singh University
Virtual Labs Usage Report (July'18- Nov'18)

Semester: 1st

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs conducted (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|-------------------|-------------------|-----------------|---------------------|-----------------------------------|----------------------------------|---|---|
| 1. | UISH | Physical Sciences | B.Sc. (CS) | C++ | 07 | 01 | 03 | 21 | Er. Babita |
| 2. | UICAIS | CSA | B.Sc. (IT) | IPL Lab | 14 | 01 | 03 | 42 | Ms. Manpreet Aulakh/ Mr. Davinder Singh |
| 3. | UISH | Life Science | M.Sc. (Botany) | Biochemistry | 04 | 01 | 01 | 04 | Dr. Anil |
| 4. | UIET | CSE | B.TECH. | BEE | 09 | 01 | 01 | 09 | Er. Pardeep Singh |
| 5. | UIET | ECE | B.TECH | BEC | 33 | 01 | 02 | 66 | Er. Jagjit Singh |
| 6. | UISH | Physical Science | B.TECH | Engg. Chemistry | 70 | 03 | 03 | 630 | Ms. Tajbir Kaur |
| 7. | UIET | CSE | B.TECH. | CP | 23 | 01 | 01 | 23 | Er. Sukhvinder Kaur |
| 8. | UISH | Physical Science | B.Sc (Non Med+CS) | Mechanics Lab | 49 | 02 | 02 | 196 | Ms. Parveen Sharma |
| 9 | UISH | Physical Science | M.Sc. (Physics) | Electronics Lab | 17 | 03 | 03 | 153 | Ms. Arwinder Kaur |
| 10. | UISH | Life Science | M.Sc. (Zoology) | Zoology | 05 | 01 | 01 | 05 | Dr. Aditya |
| 11. | UISH | Life Science | M.Sc. (Zoology) | Mol. Biology | 05 | 01 | 01 | 05 | Ms. Asha Singh |
| 12. | UISH | Physical Science | B.TECH | Physics | 47 | 01 | 01 | 47 | Ms. Arwinder Kaur |
| 13. | UIET | CSE | M.TECH | ADSA | 01 | 01 | 01 | 01 | Er. Nidhi Arora/Jatinder K |
| Total | | | | | | | | 1202 | |

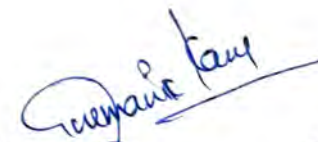

GURMANIK Kaur
 NODAL Co-ORDINATOR,
 VLABS, SBBSU.

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs performed (B) | No. of experiments (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|--------------|--------------------|--------------------------|---------------------|-----------------------------------|------------------------|--|---------------------|
| 1. | UICAIS | CSA | BCA | OOPS | 13 | 01 | 03 | 39 | Er. Jaspreet Minhas |
| 2. | UIET | CSE | B. TECH (CSE) | IDS | 19 | 01 | 02 | 38 | Er. Nidhi Arora |
| 3. | UICAIS | CSA | BCA | OOPS | 13 | 01 | 06 | 78 | Mr. Vipam Kumar |
| 4. | UICAIS | CSA | BCA (A2 Group) | OOPS | 23 | 01 | 04 | 92 | Ms. Martina |
| 5. | UIET | EE | B.TECH | EMMI LAB | 12 | 01 | 01 | 12 | Dr. Gurmanik Kaur |
| 6. | UIET | EE | B.TECH | Electrical Machines-I | 10 | 01 | 01 | 10 | Er. Keshav |
| 7. | UISH | Life Sc. | B.SC. (MLS) | Path Lab-II | 23 | 01 | 02 | 46 | Dr. Shweta |
| 8. | UISH | Physical Sc. | M.Sc. (Chemistry) | Inorganic Chemistry | 23 | 02 | 04 | 184 | Dr. Nisha |
| 9. | UISH | Physical Sc. | B.Sc. (Non-Med+CS) | Physics | 21 | 01 | 01 | 21 | Ms. Arwinder Kaur |
| 10. | UISH | Physical Sc. | B.Sc. (Non-Med) | Chemistry | 39 | 02 | 02 | 156 | Ms. Avneet Pal Kaur |
| 11. | UISH | Physical Sc. | B.Sc. (Med) | Chemistry | 11 | 01 | 01 | 11 | Ms. Avneet Pal Kaur |
| 12. | UIET | CSE | B.TECH | Diigital Electr | 66 | 02 | 02 | 264 | Er. Jasjit Singh |
| 13. | UISH | Physical Sc. | M.Sc. (Physics) | Condensed Matter Physics | 04 | 02 | 02 | 16 | Mr. Navneet Singh |
| 14. | UIET | CSE | M.Tech. | OOAD | 08 | 02 | 02 | 32 | Er. Jagdeep Kaur |
| 15. | UIET | CE | B.TECH. | Fluid Mechanics Lab | 19 | 01 | 01 | 19 | Er. Parveen Kaur |
| 16. | UIET | CE | B.TECH. | SOM Lab | 11 | 01 | 01 | 11 | Er. Parveen Kaur |
| 17. | UIET | ME | B.TECH. | MOM | 17 | 01 | 03 | 51 | Er. Amardeep Singh |
| 18. | UISH | Physical Sc. | B.Sc. (Non-Med+CS) | Physics | 22 | 01 | 01 | 22 | |
| Total | | | | | | | | 1102 | |


 DR. GURMANIK KAUR
 NODAL CO-ORDINATOR
 VLABS, SBBSU

Semester: 5th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|--------------|---------------------|-----------------|-----------------|-------------------------------|--------------------|---|----------------------|
| 1. | UIET | CSE | B.TECH. | PSED | 16 | 01 | 02 | 32 | Er. Nidhi Arora |
| 2. | | | | | | | | | |
| 3. | UIET | EE | B.TECH. | Power System-II | 29 | 02 | 02 | 116 | Er. Anshuman |
| 4. | UIISH | Physical Sc. | B.Sc. (Med+Non-Med) | Chemistry | 21 | 02 | 02 | 84 | Ms. Ankita Gautam |
| 5. | UIET | ECE | B.TECH. | DSP | 12 | 03 | 06 | 216 | Er. Harleen Kaur |
| 6. | UIET | CSE | B.TECH. | CG | 37 | 02 | 04 | 296 | Er. Gurjit Kaur |
| 7. | UIISH | Physical Sc. | B.Sc. (Non-Med) | Physics | 07 | 01 | 01 | 07 | Ms. Arwinder Kaur |
| 8. | UIET | CSE | B.TECH. | SE | 56 | 03 | 04 | 672 | Er. Savita Mahi |
| 9. | UIISH | Physical Sc. | B.Sc. (Non-Med) | Quantum Mech. | 07 | 01 | 01 | 07 | Ms. Simranpreet Kaur |
| 10. | UICAIS | CSA | BCA+BSC(IT) | Data Structure | 23 | 01 | 03 | 69 | Er. Jaspreet Minhas |
| Total | | | | | | | | 1499 | |


DR. GERMANIC KAUR
 NODAL CO-ORDINATOR
 VLABS, SBBSU

Sant Baba Bhag Singh University
Virtual Labs Usage Report (Jan'19- July'19)

Semester: 2nd

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|--------------------------|-----------------|-----------------------------|-----------------|-------------------------------|--------------------|---|-------------------------|
| 1. | UISH | Physical Sc. | M.Sc. (Physics) | Condensed Matter Physics II | 05 | 01 | 01 | 05 | Ms. Arwinder Kaur |
| 2. | UISH | Physical Sc. | B.Sc. (Non-Med) | Physics-II | 51 | 02 | 02 | 204 | Ms. Parveen Sharma |
| 3. | UIET | B.Tech. (CE, ME, EE/ECE) | B.TECH. | Physics | 05 | 01 | 01 | 05 | Ms. Arwinder Kaur |
| 4. | UICM | Commerce | B.Com. | Comm. Skills-II | 100 | 02 | 05 | 1000 | Ms. Vasuda Sood |
| 5. | UICM | Management | BBA | Comm. Skills-II | 57 | 02 | 05 | 570 | Ms. Vasuda Sood |
| 6. | UIET | CSE | B.Tech. | BEC | 80 | 02 | 04 | 640 | Er. Jagjeet Singh |
| 7. | UIE | FD | BSc. | Gen. English | 62 | 02 | 07 | 868 | Ms. Pooja |
| 8. | UIET | CSE | B.Tech. | Comm. Skills | 21 | 01 | 03 | 63 | Mr. Diraj Bahadur Singh |
| 9. | UICAIS | CSA | B.Sc. (IT) | Programming in C | 10 | 01 | 03 | 30 | Ms. Harjit Kaur |
| 10. | UICAIS | CSA | BCA | Programming in C | 60 | 01 | 03 | 180 | Ms. Harjit Kaur |
| Total | | | | | | | | 3565 | |

Arwinder Kaur

Semester: 4th

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs conducted (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | |
|--------------|-----------|-------------------|------------------------------|---------------------|---------------------|-----------------------------------|----------------------------------|--|---------------------|
| 1. | UIISH | Physical Sciences | B.Sc.(M) 4 th Sem | PSBSP | 09 | 01 | 01 | 09 | Ms. Avneet Pal Kaur |
| 2. | UIET | EE | B.TECH. (EE) | DE Lab | 24 | 02 | 03 | 144 | Dr. Gurmanik Kaur |
| 3. | UIET | EE | B.TECH. (EE) | EM-II | 24 | 02 | 02 | 96 | Er. Pardeep Singh |
| 4. | UIISH | Physical Sciences | M.Sc. (Chem) | Physical Chemistry | 22 | 02 | 02 | 88 | Ms. Nisha Sharma |
| 5. | UIET | EE | B.Tech. | LCS | 12 | 01 | 01 | 12 | Er. Neha Kapila |
| 6. | UIET | EE | B.Tech. | PS-I | 24 | 02 | 05 | 240 | Er. Neha Kapila |
| 7. | UIE | Humanities | B.A. | Gen. English | 81 | 02 | 10 | 1620 | Ms. Rajvir Kaur |
| 8. | UIET | ME | B.Tech. | Fluid Mechanics | 19 | 01 | 03 | 57 | Er. Amardeep Singh |
| 9 | UIE | Fashion Desgn | B.Sc. | Gen. English | 81 | 02 | 09 | 1458 | Ms. Rajni |
| 10. | UIISH | Physical Science | B.Sc. (NM, CS) | Wave and optics | 23 | 01 | 01 | 23 | Ms. Meena Kumari |
| 11. | UIISH | Physical Sciences | B.Sc (NM) | Inorganic Chemistry | 23 | 02 | 02 | 92 | Ms. Amarjit Kaur |
| 12. | UICIAS | CSA | M.Sc (IT) | NSC | 08 | 02 | 07 | 112 | Ms. Martina |
| Total | | | | | | | | 3951 | |

Neeraj Kaur

Semester: 6th

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs performed (B) | No. of experiments (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|-------------------|--------------------------------|---------------------|---------------------|-----------------------------------|------------------------|---|-----------------------|
| 1. | UIISH | Physical Sciences | B.Sc. (NM) 6 th Sem | Solid State Physics | 21 | 03 | 03 | 189 | Mr. Lucky Manhotra |
| 2. | UIET | EE | B. TECH (EE) | M&I | 38 | 02 | 06 | 456 | Er. Harleen Kaur |
| 3. | UIET | CE | B. TECH (CE) | Soil Mechanics | 52 | 03 | 04 | 624 | Er. Parven Kaur |
| 4. | UIET | ME | B.Tech. | Heat Transfer | 16 | 01 | 02 | 32 | Er. Rakeshinder Singh |
| 5. | UIISH | Physical Sciences | B.Sc.(NM) 6 th | Chemistry | 21 | 02 | 02 | 84 | Ms. Amarjit Kaur |
| 6. | UIET | EE | B.Tech. | EM-III | 14 | 01 | 02 | 28 | Er. Pardeep Singh |
| 7. | UIISH | Physical Sciences | B.Sc (M+NM) | Chemistry | 21 | 02 | 02 | 84 | Ms. Amarjit Kaur |
| Total | | | | | | | | 1497 | |

Amarjit Kaur

Virtual Labs Usage Report (August'19- Nov'19)

Semester: 1st

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs conducted (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|------------------|---------------------|---|---------------------|-----------------------------------|----------------------------------|--|---------------------|
| 1. | UISH | Physical Science | M.Sc.(Physics-II) | Electronics Lab | 07 | 01 | 02 | 14 | Ms. Parveen Sharma |
| 2. | UIET | CSE | B. Tech (CSE) | BEE Lab | 52 | 02 | 02 | 208 | Er. Anil |
| 3. | UISH | Physical Science | B.Sc. (NM+M) | Atomic structure, bonding and organic chemistry Lab | 51 | 03 | 03 | 459 | Ms. AvneetPal Kaur, |
| 4. | | | BSc (HMCT) Sec-A | CS Lab | 55 | 02 | 10 | 1100 | Ms. Vasudha Sood |
| 5. | UISH | Zoology | M.Sc. (Zoology) | Structure and functions of animals Lab | 33 | 03 | 03 | 297 | Dr. Aditya Gupta |
| 6. | UIET | ME. EE. CE | B. Tech (ME, EE,CE) | BEC Lab | 38 | 02 | 02 | 152 | Er. Jasjit Singh |
| 7. | UISH | Physical Science | B.Sc. (Non-Med) | Mechanics Lab | 14 | 01 | 01 | 14 | Ms. Parveen Sharma |
| 8. | UIET | CSE | B. Tech. (CSE) | Physics Lab | 67 | 03 | 04 | 804 | Ms. Arwinder Kaur |
| 9. | UISH | Physical Science | M.Sc. (Physics) | Electronics Lab | 14 | 02 | 03 | 84 | Ms. Arwinder Kaur |
| 10. | UICAIS | CSA | BCA (Sec-A) | Programming in C Lab | 27 | 01 | 04 | 108 | Mr. Kamal |
| 11. | UICAIS | CSA | BCA (Sec-B) | Programming in C Lab | 24 | 01 | 03 | 72 | Ms. Martina |
| 12. | UICAIS | CSA | BCA Sem (Sec-B) | Programming in C Lab | 28 | 01 | 03 | 84 | Ms. Babita |
| Total | | | | | 410 | 22 | 40 | 3396 | |

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| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs performed (B) | No. of experiments (C) | Number of Virtual labs experiments performed $Z=A \times B \times C$ | Name of teacher |
|--------------|-----------|------------------|-----------------------------|----------------------------------|------------------------|--|------------------------------|--|---------------------|
| 1. | UISH | Physical Science | M.Sc.(Physics-H) | Nuclear Physics Lab | 06 | 01 | 01 | | |
| 2. | UISH | Physical Science | B.Sc. (NM+CS) | Thermal Physics and Stats.Lab | 64 | 04 | 04 | 06 | Ms. Meena |
| 3. | UIET | EE | B. Tech (EE) | EM-1 Lab | 07 | 01 | 01 | 1024 | Mr. Lucky Malhotra |
| 4. | UIET | CSE, EE, ECE | B. Tech (CSE, EE, ECE) | DE Lab | 32 | 02 | 02 | 07 | Er. Pardeep Singh |
| 5. | UIET | CE | B.Teech (CE) | FM Lab | 36 | 02 | 02 | 128 | Er. Jasjit Singh |
| 6. | UIET | CE | B.Tech (CE) | SM Lab | 16 | 01 | 02 | 144 | Er. Parveen Kaur |
| 7. | UISH | Physical Science | B.Sc. (Non- Medical+Med) | Organic Chemistry-II Lab | 63 | 03 | 03 | 32 | Er. Varinder Singh |
| 8. | UIET | ECE | B. Tech (ECE) | EDC Lab | 09 | 03 | 04 | 567 | Ms. Avneet Pal Kaur |
| 9. | UICAIS | CSA | BCA(B), B.Sc(IT) | Data Structure Lab | 35 | 01 | 03 | 108 | Er. Jagjeet Singh |
| 10. | UICAIS | CSA | BCA(A) | Data Structure Lab | 36 | 01 | 03 | 105 | Er. Nidhi Arora |
| 11. | UICAIS | CSA | MCA | Data Structure Lab | 10 | 01 | 03 | 108 | Er. Nidhi Arora |
| 12. | UIET | EE | B.Tech (EE) | Analog Electronics Lab | 10 | 01 | 03 | 30 | Ms. Navpreet |
| Total | | | | | 324 | 21 | 31 | 2289 | |

Shubhant Kaur

Semester: 5th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|------------------|------------------|---------------------------------|-----------------|-------------------------------|--------------------|---|--------------------|
| 1. | UIISH | Physical Science | B. Sc. (NM+CS) | Spectroscopy Lab | 21 | 01 | 03 | 63 | Dr. Deepika Gautam |
| 2. | UIET | CSE | B.Tech (CSE) | PSED Lab | 136 | 04 | 04 | 2176 | Dr. Jagdeep Kaur |
| 3. | UIISH | Physical Science | B.Sc. Med | Chemistry Lab | 12 | 01 | 01 | 12 | Ms. Avneet Pal |
| 4. | UIISH | Physical Science | B.Sc. (Non-Med) | Physics Lab | 45 | 02 | 02 | 180 | Ms. Meena |
| 5. | UICAIS | CSA | BCA(B), B.Sc(IT) | Fundamentals of Data Structures | 50 | 01 | 03 | 150 | Ms. Navpreet |
| 6. | UICAIS | CSA | BCA (A) | Fundamentals of Data Structures | 38 | 01 | 03 | 114 | Ms. Navpreet |
| 7. | UIET | EE | B.Tech (EE) | PS-II Lab | 10 | 01 | 01 | 10 | Er. Neha Kapila |
| Total | | | | | 312 | 11 | 17 | 2705 | |

Sumit

Semester: 7th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs performed | No. of experiments | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|-------|-------------|------------|-----------------|-------------------------------|--------------------|---|-------------------|
| 1. | UIET | EE | B.Tech (EE) | MC&PLC Lab | 72 | 04 | 04 | 1152 | Dr. Gurmanik Kaur |
| Total | | | | | | | | 1152 | |

Signature

7

Semini: Aug '20 - Dec '20

| Inst. | Dept. | Course | Subject | No. of Students (A) | No. of Labs (B) | No. of exp. (C) | A x B x C | Teacher |
|-------|---|---|---|---------------------|-----------------|-----------------|-----------------------|-------------------------------|
| UISH | Life Sciences and Allied Health Science | BSc MLS 3 rd Sem | Pathology Lab - 2 | 55 | 2 | 2 | 220 | Shreeta Shreeta |
| UICA | CSA | MCA 5 th Sem | Concepts of Computer Graphics | 17 | 2 | 2 | 68 = 68 | Manpreet Kaur Bhullar |
| " | " | BCA/BScIT 3 rd Sem (Group C) | Data Structure | 43 | 2 | 2 | 172 172 | Harijot Kaur |
| " | " | BCA 3 rd Sem (Group B) | Data Structure | 49 | 2 | 2 | 196 | Harijot Kaur |
| " | " | BCA 3 rd Sem (Group A) | Data Structure | 55 | 2 | 2 | 220 | Harijot Kaur |
| UISH | Physical Sciences | BSc (NM) 3 rd Sem | Thermal Physics and Statistical Mechanics | 15+15 | 2 | 2 | 120 120 | Dr. Gurmanik Kaur |
| UIET | Electrical Engineering | B.Tech E.E 7 th | M & PLC | 12+9+9+7 = 37 | 4 | 8 | 1184 | |

| Institution | Dept. | Course | Subject | No. of Students (A) | No. of Labs (B) | No. of Experiments (C) | A x B x C | Teacher |
|-------------|--|------------------------------------|---|---------------------|-----------------|------------------------|-----------|--------------------------|
| UIET | ME | B.Tech (ME) 3 rd Sem | Strength of Material | 40 | 2 | 2 | 160 | Navdeep Manpreet |
| UISH | Life Science and Allied Health Science | MSc Zoology 3 rd Sem | Genetics, Cytogenetics, Development and Differentiation | 42 | 4 | 4 | 672 | Dr. Anvita Dr. Vinodh |
| " | " | MSc Zoology 3 rd Sem | General Entomology | 22 | 2 | 2 | 88 | Dr. Anvita |
| " | " | BScMLS 3 rd Sem | Biochemistry - 2 | 60 | 2 | 2 | 240 | Dr. Absh |
| " | " | BSc Medical 5 th Sem | Cell and Molecular Biology | 8 | 1 | 1 | 8 | Ramandeep Kaur |
| " | " | BScMLS 3 rd Sem | BPT | 60 | 2 | 2 | 240 | Chavangil |
| " | " | BSc Medical 5 th Sem | Cell Biology, Biotechnology and Reproductive | 16 | 2 | 2 | 64 | Sonia |

| Institute | Depart. | Course | Subject | No. of students (A) | No. of V labs (B) | No. of exp. C | A+B+C | Teacher |
|-----------|-------------|----------------------------|-----------------------------------|---------------------|-------------------|---------------|-------|----------------|
| UISH | Humanities | BSc Fd 1st Sem | General English | 39+39=78 | 2 | 6 | 936 | Rajveer Kaur |
| LIET | Civil CE | B.Tech (CCE) 3rd Sem | Fluid Mechanics - 1 | 7+14 =21 | 1+1 =2 | 1+2 =3 | 126 | Pooja Kaur |
| " | " | B.Tech (CCE) 3rd Sem | Greentech-nical engg. | 13+11 =24 | 1+1 =2 | 1+2 =3 | 144 | Pooja Kaur |
| " | " | B.Tech (CCE) 3rd | Solid Mechanics | 9+8 =17 | 1+1=2 | 2+1=3 | 102 | Abhilash |
| UIET | ME | B.Tech (ME) 3rd Sem | Applied Thermody-namics | 40 | 2 | 2 | 160 | Navdeep Singh |
| " | " | B.Tech (ME) 7th Sem | Refrigerator and Air Conditioning | 60 | 2 | 2 | 240 | Manpreet Singh |

Signature

| Institute | Deptt. | Course | Subject | No. of students A | No. of Labs performed B | No. of expts performed C | $\Sigma A+B+C$ | Teacher |
|-----------|------------|------------------------------------|----------------------|----------------------|----------------------------|-----------------------------|----------------|----------------|
| WIET | ECE | B.Tech (EE) 3 rd | DE | 10+13=23 | 2 | 4 | 184 | Jagjit Singh |
| " | EE | B.Tech (ESE) 1 st | BFE | 24+26=50 | 2 | 2 | 200 | Neha |
| " | PEE | B.Tech (EE) 5 th Sem | PS-1 | 11 | 1 | 1 | 11 | Neha |
| UIH | Humanities | B.A LLB 1 st Sem | Communication Skills | 70 | 2 | 6 | 840 | Poojinder Kaur |
| " | " | BSC FD 3 rd Sem | Communication Skills | 72 | 2 | 6 | 864 | Poojinder Kaur |
| " | " | BSC HMCT 1 st Sem | Communication Skills | 2 | 1 | 3 | 6 | Poojinder Kaur |
| " | " | B.Com 1 st (R+H) | Communication Skills | 80 | 1 | 3 | 240 | Poojinder Kaur |

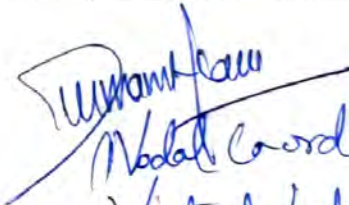
Sant Baba Bhag Singh University
Virtual Labs Usage Report (March'21- July'21)

Semester: 2nd

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs organised (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------|-----------|--|-----------------------------|---|---------------------|-----------------------------------|----------------------------------|--|-----------------------|
| 1. | UIET | CSE | B. Tech | Basic Electronics & Communication Engineering | 148 | 06 | 06 | 5328 | Er. Arshdeep Singh |
| 2. | UISH | Physical Science | M.Sc (Hons) Chemistry | Physical Chemistry Practical-I | 02 | 01 | 01 | 02 | Dr. Nisha Sharma |
| 3. | UISH | Physical Science | B.Sc (Medical, Non-medical) | Co-ordination Chemistry | 26 | 01 | 02 | 52 | Ms. Avneet Pal Kaur |
| 4. | UISH | Physical Science | M.Sc (Hons) Physics | Condensed Matter Physics-I Lab | 12 | 02 | 02 | 48 | Dr. Honey Sharma |
| 5. | UISH | Physical Science | B.Sc (Hons) Chemistry | Physical Chemistry | 04 | 02 | 02 | 16 | Dr. Mithu Maithi Jana |
| 6. | UISH | Life Sciences and Allied Health Sciences | M.Sc Zoology | Physiology and Biochemistry | 14 | 01 | 02 | 28 | Dr. Vivek |
| 7. | UISH | Life Sciences and Allied Health Sciences | MSc Clinical Microbiology | Pathology-I | 02 | 01 | 01 | 02 | Dr. Shweta Singh |
| 8. | UISH | Life Sciences and Allied Health Sciences | B. Sc (MLS) | Biochemistry-I | 24 | 01 | 01 | 24 | Dr. Aksh Sharma |
| 9. | UIET | EE | B. Tech EE | BEE | 30 | 02 | 04 | 240 | Er. Neha Kapila |
| 10. | UICM | Commerce | B. Com | CS-II | 34 | 03 | 09 | 918 | Dr. Davinder Singh |
| 11. | UIET | CSE | B. Tech | CS-I | 38 | 02 | 05 | 380 | Ms. Vasudha Sood |
| 12. | UIL | Law | BALLB | CS-II | 33 | 02 | 11 | 726 | Ms. Rajvir Kaur |
| 13. | UISH | Life Sciences | B.Sc (Non-medical) | General English | 09 | 01 | 03 | 27 | Ms. Rajvir Kaur |
| 14. | UISH | Life Sciences | B.Sc (CS) | General English | 03 | 01 | 03 | 09 | Ms. Rajvir Kaur |

Sumant ka

| | | | | | | | | | |
|-----|------|--|----------------|-----------------|-----|----|----|------|-----------------|
| 15. | UISH | Life Sciences | B.Sc (Maths) | General English | 01 | 01 | 03 | 03 | Ms. Rajvir Kaur |
| 16. | UISH | Life Sciences and Allied Health Sciences | B.Sc (Medical) | General English | 05 | 01 | 03 | 15 | Ms. Rajvir Kaur |
| 17. | UISH | Life Sciences and Allied Health Sciences | B.Sc (MLS) | General English | 13 | 01 | 03 | 39 | Ms. Rajvir Kaur |
| | | | | | 328 | 29 | 61 | 7857 | |


 Urvashi Kaur
 Model Coordinator
 Virtual Labs,
 SBBSU

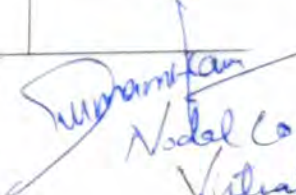
Semester: 4th

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs organised (B) | No. of experiments (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|--|--------------------|--|---------------------|-----------------------------------|------------------------|--|--------------------|
| 1. | URET | EE | B. Tech | Electrical Machines-II | 36 | 03 | 06 | 648 | Er. Arshdeep Singh |
| 2. | URET | CE | B. Tech | Surveying Lab | 14 | 01 | 03 | 42 | Er. Parveen Kaur |
| 3. | URET | CE | B. Tech | Structural Analysis-I | 14 | 02 | 04 | 112 | Er. Monika Angral |
| 4. | UIISH | Physical Sciences | BSe Non medical | Waves and Optics | 26 | 02 | 02 | 104 | Ms. Meena |
| 5. | UIISH | Life Sciences and Allied Health Sciences | M.Sc (Hns) Zoology | Animal Behaviour and Vertebrate Immunology Lab | 11 | 01 | 02 | 22 | Dr. Anrita |
| 6. | URET | EE | B. Tech | MicroController Lab | 34 | 03 | 05 | 510 | Dr. Gurpreet Kaur |
| 7. | URET | CE | B. Tech | Transportation Engg | 18 | 02 | 07 | 252 | |
| Total | | | | | 183 | 14 | 29 | 1690 | |

Supriya
 Nodal Co-ordinator
 Virtual Labs,
 SBBW

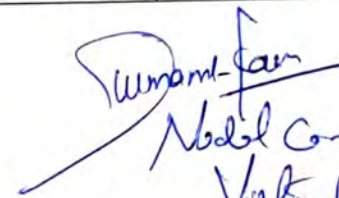
Semester: 4th

| S. No. | Institute | Deptt | Course | Subject | No. of students (A) | No. of virtual labs organised (B) | No. of experiments (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|--|--------------------|--|---------------------|-----------------------------------|------------------------|---|--------------------|
| 1 | UIET | EE | B. Tech | Electrical Machines-II | 36 | 03 | 06 | 648 | Er. Arshdeep Singh |
| 2 | UIET | CE | B. Tech | Surveying Lab | 14 | 01 | 03 | 42 | Er. Parveen Kaur |
| 3 | UIET | CE | B. Tech | Structural Analysis-I | 14 | 02 | 04 | 112 | Er. Monika Angral |
| 4 | UIISH | Physical Sciences | BSc Non medical | Waves and Optics | 26 | 02 | 02 | 104 | Ms. Meena |
| 5 | UIISH | Life Sciences and Allied Health Sciences | M.Sc (Hns) Zoology | Animal Behaviour and Vertebrate Immunology Lab | 11 | 01 | 02 | 22 | Dr. Amrita |
| 6 | UIET | EE | B. Tech | MicroController Lab | 34 | 03 | 05 | 510 | Dr. Gurpreet Kaur |
| 7 | UIET | CE | B. Tech | Transportation Engg | 18 | 02 | 07 | 252 | |
| Total | | | | | 153 | 14 | 29 | 1690 | |


 Nodal Co-ordinator
 Virtual Labs,
 SBBU

Semester: 6th

| S. No. | Institute | Deptt | Course | Subject | No. of students | No. of virtual labs organised | No. of experiments | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of teacher |
|--------------|-----------|-------------------|--------------------------------------|---------------------------------|-----------------|-------------------------------|--------------------|---|--------------------|
| 1. | UIET | EE | B. Tech | Power Electronics | 01 | 01 | 01 | 01 | Er. Arshdeep Singh |
| 2. | UISH | Physical Sciences | BSc Non medical | Analytical Methods in Chemistry | 57 | 03 | 03 | 513 | Ms. Amarjeet Kaur |
| 3. | UISH | Physical Sciences | BSc Non medical/ Computer Science | Nuclear Lab | 13 | 01 | 01 | 13 | Ms. Arwinder Kaur |
| 4. | UIET | ECE | B. Tech ECE | Microwave Radar | 03 | 02 | 02 | 12 | Er. Jagjeet Singh |
| 5. | UIET | EE | B. Tech EE | Power System-II | 24 | 02 | 04 | 192 | Er. Neha Kapila |
| 6. | UISH | Physical Sciences | B. Sc (CS) | Communication Skills | 10 | 02 | 04 | 80 | Dr. Davinder Singh |
| Total | | | | | 108 | 11 | 15 | 811 | |

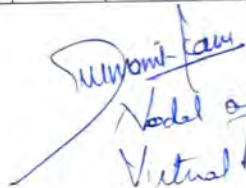

 Sumant Jain
 Nodal Coordinator,
 Virtual Labs,
 SBRSU.

Sant Baba Bhag Singh University

Virtual Labs Usage Report (August'21-Jan'22)

Semester: 1st

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organised (B) | No. of experiment performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of Teacher |
|-------|-----------|--|---------------------------|----------------------------|---------------------|----------------------------------|---------------------------------|--|------------------------|
| 1 | UTSH | Physical Science | M.Sc (Hns) Chemistry | CHM 509 | 4 | 1 | 1 | 4 | Dr Nisha Sharma |
| 2 | UTSH | Physical Science | M.Sc (Hns) Physics | PHY 511 | 3 | 1 | 1 | 3 | Ms. Arvinder Kaur |
| 3 | UTSH | Life Sciences and Allied Health Sciences | M.Sc Medical Microbiology | Basic Medical Microbiology | 23 | 2 | 4 | 184 | Dr Sheweta |
| 4 | UIET | CSE | B.Tech CSE | BEE | 49 | 1 | 4 | 196 | Er Neha Kapila |
| 5 | UICAIIS | Computer Application | BCA Group-B | CS-I | 17 | 1 | 2 | 34 | Ms Gurvir Kaur Dhillon |
| 6 | UTSH | Life Sciences and Allied Health Sciences | BSE (MLS) | CS-1 | 22 | 1 | 2 | 44 | Ms. Rajveer Kaur |
| | | | | TOTAL | 118 | 7 | 14 | 465 | |

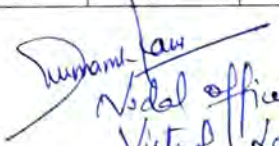

 Sumoni Kaur
 Nodal officer,
 Virtual Labs,
 SBBSU

Sant Baba Bhag Singh University

Virtual Labs Usage Report (August'21-Jan'22)

Semester: 3rd

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organised (B) | No. of experiment performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of Teacher |
|-------|-----------|--|----------------------|-----------------------|---------------------|----------------------------------|---------------------------------|--|----------------------|
| 1 | UTSH | Physical Science | M.Sc (Hns) Chemistry | CHM613 | 3 | 1 | 1 | 3 | Dr. Mithu Maiti Jana |
| 2 | UISH | Physical Science | B.Sc (NM/M) | CHM 203 | 17 | 1 | 1 | 17 | Ms. Amarjeet Kaur |
| 3 | UISH | Life Sciences and Allied Health Sciences | B.Sc (MLS) | Pathology-II | 62 | 2 | 5 | 620 | Dr. Sheweta |
| 4 | UIET | EE | B.Tech (EE) | Digital Electronics | 24 | 2 | 9 | 432 | Er. Mandip Singh |
| 5 | UIET | EE | B.Tech (EE) | Electrical Machines-I | 24 | 2 | 3 | 144 | Er. Mandip Singh |
| 6 | UIET | CE | B.Tech (CE) | Solid Mechanics | 14 | 1 | 4 | 56 | Dr. Sandeep Chandel |
| 7 | UIET | EE | B.Tech (EE) | Analog Electronics | 24 | 2 | 4 | 192 | Er. Arshdeep Singh |
| 8 | UISH | Life Sciences and Allied Health Sciences | M.Sc MLS (CM) | Medical Mycology | 2 | 1 | 1 | 2 | Dr. Sheweta |
| 9 | UISH | Life Sciences and Allied Health Sciences | M.Sc MLS (CM) | Medical virology | 2 | 1 | 1 | 2 | Dr. Sheweta |
| 10 | UISH | Life Sciences and Allied Health Sciences | M.Sc MLS (CM) | Medical Microbiology | 2 | 1 | 1 | 2 | Dr. Sheweta |
| | | | | TOTAL | 174 | 14 | 30 | 1470 | |


 Rupam Jaiswal
 Nodal officer,
 Virtual Labs,
 SBBSU

Sant Baba Bhag Singh University

Virtual Labs Usage Report (August'21-Jan'22)

Semester: 5th

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organised (B) | No. of experimentd performed (C) | Nuumber of Virtual labs experimnts performed $Z=A*B*C$ | Name of Teacher |
|-------|-----------|------------------|-------------|--------------------|---------------------|----------------------------------|----------------------------------|--|--------------------|
| 1 | UISH | Physical Science | B.Sc (NM/M) | CHM 307 | 18 | 1 | 1 | 18 | Ms.Avneet Pal Kaur |
| 2 | UIET | EE | B.Tech (EE) | M&I | 26 | 2 | 11 | 572 | Dr.Gurmanik Kaur |
| 3 | UIET | CE | B.Tech (CE) | Geotechnical Engg. | 13 | 1 | 3 | 39 | Er.Parveen Kaur |
| | | | | TOTAL | 57 | 4 | 15 | 629 | |

Durank Kaur
Nodal Officer,
Virtual Labs,
SBBSU

Sant Baba Bhag Singh University
Virtual Labs Usage Report (Jan'22-June'22)

Semester :2nd

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organized (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed Z=A*B*C | Name of Teacher |
|-------|-----------|--|----------------------|---------------------------|---------------------|----------------------------------|----------------------------------|--|--------------------|
| 1 | UIS | Life Science and Allied Health Science | Msc Med Microbiology | Biochemistry & Metabolism | 9 | 1 | 1 | 9 | Dr.Chetna Sharma |
| 2 | UIET | Electrical Engineering | B.Tech EE | BEE | 21 | 1 | 2 | 42 | Er.Neha Kapila |
| 3 | UIS | Life Science and Allied Health Science | Bsc MLS | CS-II | 33 | 1 | 1 | 33 | Ms. Amanpreet Kaur |
| 4 | LIJOM | Management | BBA | CS-II | 33 | 1 | 2 | 66 | Ms.Surinder kaur |
| 5 | LIJCA | Computer Application | BCA/DCA | CS-II | 20 | 1 | 2 | 40 | Ms. Amanpreet Kaur |
| 6 | UIET | CSE | B.Tech CSE | CS-II | 40 | 1 | 1 | 40 | Ms.Surinder kaur |

| | | | | | | | | |
|-----|-----|------------------|----------------------|-------------------------|----|---|---|------------|
| 7. | UIS | Physical Science | B.Tech CSE | ENGG. Chem. | 13 | 1 | 1 | 230 |
| 8. | UIS | | MSc (Dist) Chemistry | Organic Chemistry II | 4 | 1 | 1 | 13 |
| 9. | | | BSc NIM | Chemical Equilibrium | 11 | 1 | 2 | 22 |
| 10. | | | BSc NIM | Equilibrium & Magnetism | 09 | 1 | 1 | 9 |
| 11. | | | MSc (Dist) Physics | Atomic Structure | 03 | 1 | 1 | 3 |
| 12. | | | MSc (Dist) Physics | Spectroscopy | 03 | 1 | 1 | 3 |
| | | | | CAMP Lab | | | | |
| | | | | | | | | <u>284</u> |

Munam Kaur
 Nodal Coordinator,
 Virtual Labs,
 SBBSU

Sant Baba Bhag Singh University
Virtual Labs Usage Report (Jan'22-June'22)

Semester :4th

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organized (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of Teacher |
|-------|-----------|--|-----------|---|---------------------|----------------------------------|----------------------------------|--|------------------|
| 1 | UIS | Life Science and Allied Health Science | Bsc MLS | Concepts in Immunology and Immunological Techniques Lab | 66 | 2 | 2 | 264 | Dr. Aksh Sharma |
| 2 | UIET | Electrical Engineering | B.Tech EE | Microprocessor & Interfacing application Lab | 22 | 2 | 6 | 264 | Dr.Gurmanik Kaur |
| 3 | UIET | Electrical Engineering | B.Tech EE | Electrical Machines-II | 12 | 1 | 2 | 24 | Er. Mandip Singh |
| 4 | UIS | Life Science and Allied Health Science | Bsc MLS | Clinical Biochemistry-I | 66 | 2 | 2 | 264 | Dr.Chetna Sharma |

| | | | | | | | | |
|----|-----|-------------------|-------|-------------------------|----|---|---|-------|
| 5. | UIS | Physical Sciences | BScNM | Co-ordination Chemistry | 25 | 1 | 1 | 816 |
| | | | | | | | | 25 |
| 6 | " | " | BScNM | waves & optics Lab | 14 | 1 | 1 | 14 |
| 7. | | | | | | | | <hr/> |
| | | | | | | | | 855 |

Suman Kaur
 Nodal Officer,
 Virtual Labs,
 SBBSU

Sant Baba Bhag Singh University
Virtual Labs Usage Report (Jan'22-June'22)

Semester :6th

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organized (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of Teacher |
|-------|-----------|------------------------|-----------|---------|---------------------|----------------------------------|----------------------------------|--|------------------|
| 1 | UIET | Electrical Engineering | B.Tech EE | PS-II | 13 | 1 | 2 | 26 | Er.Neha Kapila |
| 2 | UIET | Electrical Engineering | B.Tech EE | PE Lab | 13 | 1 | 2 | 26 | Er. Mandip Singh |

UIE Physical Science BSc NIM Solid State Physics 14 1 1 52

UIE " " Analytical Methods in Chemistry 20 1 2 40

106

Sukhmeet Singh
 Nodal Officer,
 Virtual Labs,
 SBBSU



WORKSHOP REPORT OF VIRTUAL LABS



A workshop on Virtual Labs was organized successfully on **19/02/2020** at **Sant Baba Bhag Singh University, Jalandhar** for faculty members and students from respective disciplines (First Year, Second Year, Third Year) by Virtual Labs team, IIT Delhi. Virtual Labs mentors for this workshop were **Mr. Tanmay Tarun Das** and **Mr. Prateek Sharma**. Total of **242** Students and **15** Faculty members attended the workshop. The detailed report of the workshop is given below:

| Session | Time | Discipline | Labs / Experiments Demonstrated | No of Students attended (X) | No of Faculties attended (Y) |
|------------------------------|---------------------|---|--|-----------------------------|------------------------------|
| 3 | 10:00 - 01:00 | First Year, Second Year, Third Year | <ul style="list-style-type: none">• Acid Base Titration• Strings• Mouse Anesthesia and Blood Collection• 8051 Microcontroller• Projectile Motion• Newton's Rings• Kirchhoff's Law• Image Arithmetic• Signal & Systems• Electrical Machines• Transducers & Instrumentation Lab• Computer Programming Lab | 242 | 15 |
| Total attendees (X+Y) | | | | | 257 |

*NOTE: Photographs of this workshop will be submitted separately.

Prateek Sharma
Nodal Coordinator: 19/02/2020

Tanmay Tarun Das
Head of the Institute

Thursday → 2:30 - 4:30
Wednesday → 1:25 - 3:30

Semester: 1st

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organized (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed $Z=A*B*C$ | Name of Teacher |
|-------|-----------|----------------|--------------------|---|---------------------|----------------------------------|----------------------------------|--|---------------------|
| 1 | UIET | Computer Sci | B. Tech CSE | Basic Electrical Engineering | 199 | 6 | 10 | 11940 | Er. Neha Kapila |
| 2 | UIET | Electrical Eng | B. Tech EE | Semiconductor Physics | 28 | 1 | 1 | 28 | Mr. Lucky Manhotra |
| 3 | UIS | Physics | MSc (Hons) Physics | Electronics Laboratory | 23 | 5 | 5 | 575 | Ms. Arwinder Kaur |
| 4 | UICAIS | Computer Ap | BCA 1st Sem | Fundamentals of IT and C Programming Laboratory | 70 | 2 | 10 | 1400 | |
| 5 | UICAIS | Computer Ap | BSc IT | C Programming with IT tools Lab | 23 | 1 | 23 | 69 | |
| 6 | UICAIS | Computer Ap | BCA | CS-I | 73 | 1 | 02 | 146 | Ms. Rajveer Kaur |
| 7 | UICAIS | Computer Ap | BSc IT | CS-I | 20 | 1 | 02 | 40 | Mr. Baljinder Singh |
| 8 | UIS | Life Science | MSc MMB | Molecular Biology Lab | 11 | 1 | 1 | 11 | Dr. Aksh Sharma |

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Sant Baba Bhag Singh University
Virtual Labs Usage Report (Jan 22-June 22)
Semester :3rd

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organized (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed Z=A*B*C | Name of Teacher |
|-------|-----------|--|--------------------------|---|---------------------|----------------------------------|----------------------------------|--|----------------------|
| 1 | UIET | Computer Science and Engineering | B.Tech CSE | Analog Electronics Laboratory | 111 | 5 | 120 | 6660 | Er. Arshdeep Singh - |
| 2 | UIET | Electrical Engineering | B. Tech EE | Electrical Machines-I Laboratory | 23 | 2 | 20 | 92 | Er. Mandip Singh |
| 3 | UIET | Mechanical Engineering | B. Tech ME | Introduction to Electromagnetics | 16 | 2 | 23 | 92 | Er. Mandip Singh |
| 4 | UIS | Physical Sciences | BSc NM | Thermal Physics and Statistical Mechanics | 08 | 1 | 01 | 8 | Mr. Lucky Manotra |
| 5 | UICAIS | Computer Applications | BSC IT | Data Structure Lab | 204 | 20 | 10 | 1220 | Mr. Harjeet Kaur |
| 6 | UICAIS | Computer Applications | MCA | Concepts of Computer Graphics Lab | | 1 | | | |
| 7 | UIS | Physical Sciences | BSc NM/Medical | SPECE & FGOC-II | 13 | 1 | 1 | 13 | Ms. Seema |
| 8 | UIS | Physical Sciences | MSc (Hons) Chemistry | Physical Chemistry -III | 23 | 1 | 1 | 23 | Dr. Mithu Maiti Jana |
| 9 | UIS | Life Science and Allied Health Science | BSc MLS | BioChemistry -II Lab | 53 | 2 | 2 | 212 | Dr. Chetna Sharma |
| 10 | UIS | Life Science and Allied Health Science | MSc Medical Microbiology | Immunology Lab | 11 | 1 | 1 | 11 | Dr. Chetna Sharma |

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23
14
64

Sant Baba Bhag Singh University

Virtual Labs Usage Report (Jan'22-June'22)

Semester :5th

| Sr.No | Institute | Deptt | Course | Subject | No. of Students (A) | No. of Virtual lab organized (B) | No. of experiments performed (C) | Number of Virtual labs experiments performed Z=A*B*C | Name of Teacher |
|-------|-----------|--|--|--|---------------------|----------------------------------|----------------------------------|--|---------------------|
| 1 | UIET | Electrical Engineering | B.Tech EE | Measurements & Instrumentation | 36 | 3 | 07 | 756 | Dr. Gurmanik Kaur |
| 2 | UIS | Physical Sciences | B.Sc Non-Medical / B ₂ (CS) | Elements of Modern Physics Laboratory | 18+3=21 | 1 | 1 | 21 | Mr. Lucky Manhotra |
| 3 | UIS | Physical Sciences | B. Sc (Hons) Chemistry | Organic Chemistry-IV/ Organic Biomolecules | 01 | 01 | 02 | 02 | Dr. Nisha Sharma |
| 4 | UIS | Physical Sciences | B.Sc Non-Medical/ Medical | OBCPH & IRS | 22 | 1 | 1 | 22 | Dr. Avneet Pal Kaur |
| 5 | UIS | Life Science and Allied Health Science | BPT | Professional CS Lab | 20 | 1 | 02 | 40 | Ms. Rajveer Kaur |

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