

Sapthagiri College of Engineering

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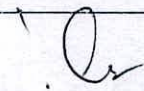

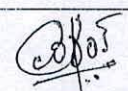
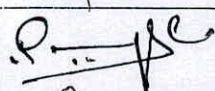

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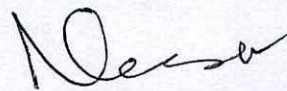
Department of Biotechnology

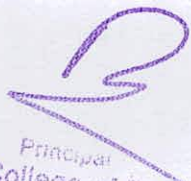
CIRCULAR

Date: 12/07/2021

This is to inform that there will be a meeting of Academic committee members for analyzing curriculum syllabus of academic year 2021-22. The meeting is scheduled on 13/07/2021 at 10.30 am in HOD's chamber.

| Sl No. | Faculty Name | Designation | Signature |
|--------|--------------------------|---------------------|---|
| 1 | Dr.Veena S More | HOD & Professor |  |
| 2 | Dr Allwin Ebinesar J S S | Associate Professor |  |
| 3 | Prof.Prashanth Kumar H P | Assistant Professor |  |
| 4 | Dr.Soumya C | Assistant Professor |  |
| 5 | Prof.Shobha G | Assistant Professor |  |


Head of the Department
Dept. of Bio -Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
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Department of Biotechnology

Date: 13/07/2021

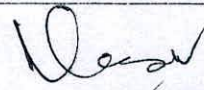




MINUTES OF MEETING

With reference to circular dated on 12/07/2021, the academic committee member assembled in HODs chamber for addressing the following agenda.

Agenda:


- Reviewing department curriculum syllabus of Academic Year 2021-22
- Reviewing the feedback analysis of various stake holders of academic year 2020-21
- Identifying the gaps in the syllabus
- Action to be taken for the identified gaps.

During the meeting the following members were present

| Sl No. | Faculty Name | Designation | Signature |
|--------|--------------------------|---------------------|---|
| 1 | Dr.Veena S More | HOD & Professor |  |
| 2 | Dr Allwin Ebinesar J S S | Associate Professor |  |
| 3 | Prof.Prashanth Kumar H P | Assistant Professor |  |
| 4 | Dr.Soumya C | Assistant Professor |  |
| 5 | Prof.Shobha G | Assistant Professor |  |

The following points were discussed in the meeting

1. The committee members reviewed the analysis of department curriculum syllabus.
2. The committee members discussed about the feedback of department curriculum syllabus.
3. The members identified the gaps based on the analysis.
4. The following actions were taken for the gaps that are identified.


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| SL.NO | SEM | Course Title | Identified Gap |
|-------|---------------------|------------------|----------------------------------|
| 1 | 7 th Sem | Forensic Science | Lack of practical implementation |

Action Taken:

Based on the feedback obtained from Students, Faculties and Alumni and analysis of syllabus by department academic committee members, it was decided to conduct certification course on Forensic Science to overcome the gaps identified in the curriculum/syllabus.


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Department of Biotechnology

Date: 15/07/2021

To

IQAC Coordinator

Sapthagiri College of Engineering

Bengaluru-560 057

Respected sir/madam,

Subject: Requisition for conduction of certification course approval from Governing Council.

With respect to the Academic committee members meeting was held for analyzing department curriculum/syllabus for the academic year 2021-22. The committee members identified few gaps after analyzing the syllabus and feedback from the stakeholders. To bridge the gaps identified in the curriculum, the committee members decided to conduct a certification course on Forensic Science from 15th Nov 2021 to 19th Nov 2021 for the academic year 2021-22. So, I request you to forward and get the approval from the governing council for the same.

Thanking You,

Enclosure: Budget Proposal

Forwarded for
GC approval and Ratification

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Head of the Department
Dept. of Biotechnology
Sapthagiri College of Engineering
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Department of Biotechnology

Date: 15/07/2021

To

IQAC Coordinator

Sapthagiri College of Engineering

Bengaluru-560 057

Respected sir/madam,

Subject: Budget Proposal for conduction of certification program on "Forensic Science"

The Budget Proposal for conduction a certificate program on Forensic Science from 15th Nov 2021 to 19th Nov 2021 is hereby enclosed for your kind consideration and approval.

The details of the recurring budget are given as follows:

Recurring Amount:

| Sl. No. | Description | Quantity | Amount in Rs. |
|---------|--------------|----------|---------------|
| 1 | Bouquet | 1 | 500 |
| 2 | Certificates | Students | 3000 |
| 3 | Others | | 1500 |
| Total | | | 5000 |

Forwarded to GC
for approval and Ratification

Head of Department
Dept. HOD, BT
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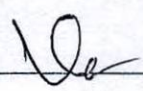

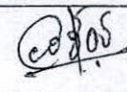
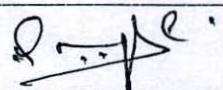
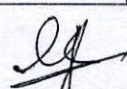
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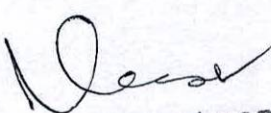
Department of Biotechnology

08-11-2021

CIRCULAR

This is to inform that the following Curriculum Board members are requested to attend the meeting on 09/11/2021 at 10.30 AM in the HODs chamber to decide the syllabus and the lesson plan for the certificate program on "Forensic Science"

| Sl No. | Faculty Name | Designation | Signature |
|--------|--------------------------|---------------------|---|
| 1 | Dr.Veena S More | HOD & Professor |  |
| 2 | Dr Allwin Ebinesar J S S | Associate Professor |  |
| 3 | Prof.Prashanth Kumar H P | Assistant Professor |  |
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Date: 08-11-2021

To,

Mr. Prashanth Kumar H P,

Assistant Professor

Sapthagiri College of Engineering Bangalore

Bangalore - 560057.

Respected Sir,

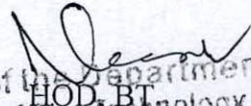
Subject: Invitation as a “Guest Speaker” in certification program and to attend meeting to discuss about the certification program

Department of Biotechnology has planned to conduct a certification program titled “Forensic Science” for 7th semester students from 15th Nov 2021 to 19th Nov 2021. In this connection, we are privileged to invite you as a guest speaker on the above mentioned topic.

Thanking you for your kind acceptance to our request. We request you to attend the meeting to discuss about the conduction of certification course on 09/11/2021 at 10.30 AM.

Thanking you

Yours faithfully


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Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
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Minutes of Meeting

A meeting was conducted on 09- Nov -2021 in BT HoD's Chamber to discuss and approve the following about the Five Days Certification Course for 7th semester BT Students.

- **Course Title :** Forensic Science
- **Resource Personnel:** Mr. Prashanth Kumar H P, Assistant Professor, Sapthagiri College of Engineering Bangalore
- **Course Duration & Date:** 15th Nov 2021 to 19th Nov 2021
- **Syllabus and Schedule of the certification program**

| Date | Time | Topics |
|------------|--------------------|--|
| 15/11/2021 | 8:30 AM - 12:30 AM | Introduction to forensic science, Characterization of blood- Blood group identification |
| | 1:30 AM – 4.30 AM | |
| 16/11/2021 | 8:30 AM - 12:30 AM | Dactyloscopy: Identification of whorls, loops, arches in fingerprints |
| | 1:30 AM – 4.30 AM | |
| 17/11/2021 | 8:30 AM - 12:30 AM | DNA Analysis : Extraction of DNA, Quantification and analysis |
| | 1:30 AM – 4.30 AM | |
| 18/11/2021 | 8:30 AM - 12:30 AM | Toxicology of alcohol: Estimation of alcohol in the given sample. |
| | 1:30 AM – 4.30 AM | |
| 19/11/2021 | 8:30 AM - 12:30 AM | Forensic Imaging: Study of camera components and its functions. |
| | 1:30 AM – 4.30 AM | |

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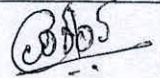
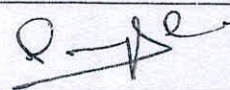

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Department of Biotechnology

The following Curriculum board members were present

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| 2 | Dr Allwin Ebinesar J S S | Associate Professor |  |
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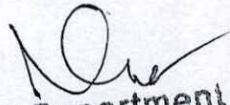
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Department of Biotechnology

Date: 11/11/2021

NOTICE

As a part of programming skill development Department of Information Science and Engineering is conducting Five Days Certification Course on **“FORENSIC SCIENCE”** from 15th Nov 2021 to 19th Nov 2021. All the 7th SEM BT students must attend the course compulsorily.


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Department of Biotechnology

Certification Program on “Forensic Science”

Students Enrollment

| SL.NO. | USN | STUDENT NAME |
|--------|------------|----------------------|
| 1. | 1SG18BT001 | ABHINANDAN KANJIKAR |
| 2. | 1SG18BT002 | AMRUTHA S |
| 3. | 1SG18BT003 | ANIKAJANJANA GOWDA |
| 4. | 1SG18BT005 | ARUNA MOHAN |
| 5. | 1SG18BT006 | AVIKSHA SARIKA GOWDA |
| 6. | 1SG18BT007 | AVINASH K G |
| 7. | 1SG18BT008 | BENITA S ROBIN |
| 8. | 1SG18BT009 | BHAGYASHREE R |
| 9. | 1SG18BT010 | BHARGAVI KRISHNA |
| 10. | 1SG18BT011 | BRAMARI S SHETTY |
| 11. | 1SG18BT012 | CHAITRA U KABBUR |
| 12. | 1SG18BT013 | CHAITRA V S |
| 13. | 1SG18BT014 | CHANDRAMOULI S |
| 14. | 1SG18BT015 | CHINMAYI J |
| 15. | 1SG18BT016 | CHITTOJU PRERANA |
| 16. | 1SG18BT017 | DEERA J |
| 17. | 1SG18BT018 | DIKSHITHA S |
| 18. | 1SG18BT019 | DIMPLI B H |
| 19. | 1SG18BT020 | HARSHITHA P S |
| 20. | 1SG18BT021 | KANCHANA B K |
| 21. | 1SG18BT022 | KAUSHIK P M |
| 22. | 1SG18BT023 | MONIKA M |
| 23. | 1SG18BT024 | MONISHA S |
| 24. | 1SG18BT025 | N VAMSHI PRIYA |
| 25. | 1SG18BT026 | NANCY YADAV |
| 26. | 1SG18BT027 | NAYANIKA AISHWARYA |
| 27. | 1SG18BT028 | NISAR AHMED PARASAR |
| 28. | 1SG18BT029 | NISARGA P |
| 29. | 1SG18BT030 | NISHA I |
| 30. | 1SG18BT031 | POOJA I L |
| 31. | 1SG18BT032 | POOJA I |


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| | | |
|-----|------------|----------------------------|
| 32. | 1SG18BT033 | POOJA S YADAV |
| 33. | 1SG18BT034 | POOJA YELLAPPA KARLANNAVAR |
| 34. | 1SG18BT035 | PRAVEEN KUMAR T S |
| 35. | 1SG18BT036 | PREETHI H K |
| 36. | 1SG18BT037 | R RAHUL |
| 37. | 1SG18BT038 | RACHANA G |
| 38. | 1SG18BT039 | RUTHWIK K SHETTY |
| 39. | 1SG18BT040 | SAHANA M |
| 40. | 1SG18BT041 | SAHANA SHEELI |
| 41. | 1SG18BT042 | SANTHOSH G K |
| 42. | 1SG18BT043 | SHARATH S TAVARKHED |
| 43. | 1SG18BT044 | SHILPA S |
| 44. | 1SG18BT045 | SRIRAM P BHAT |
| 45. | 1SG18BT046 | SUMA K |
| 46. | 1SG18BT047 | VAISHNAVI B L |
| 47. | 1SG18BT048 | VARSHA K |
| 48. | 1SG18BT049 | VRUNDA A PATEL |
| 49. | 1SG18BT050 | YASHASWINI K |
| 50. | 1SG17BT001 | ABHINAV BANARJI |
| 51. | 1SG17BT003 | AMBIKA |

[Signature]

HOD, BT

Head of Department
Dept. of Biotechnology
Sapthagiri College of Engineering
No. 14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

[Signature]
Principal
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Department of Biotechnology

Certification Course on “Forensic Science”

Attendance

| No. | USN | Student Name | 15/11/21 | | 16/11/21 | | 17/11/21 | | 18/11/21 | | 19/11/21 | |
|-----|------------|----------------------|----------|----|----------|----|----------|----|----------|----|----------|----|
| | | | MS | AS | MS | AS | MS | AS | MS | AS | MS | AS |
| 1 | 1SG18BT001 | ABHINANDAN KANJIKAR | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 1SG18BT002 | AMRUTHA S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 3 | 1SG18BT003 | ANIKA ANJANA GOWDA | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 4 | 1SG18BT005 | ARUNA MOHAN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 5 | 1SG18BT006 | AVIKSHA SARIKA GOWDA | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 6 | 1SG18BT007 | AVINASH K G | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 7 | 1SG18BT008 | BENITA S ROBIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 8 | 1SG18BT009 | BHAGYASHREE R | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 9 | 1SG18BT010 | BHARGAVI KRISHNA | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 10 | 1SG18BT011 | BRAMARI S SHETTY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 1SG18BT012 | CHAITRA U KABBUR | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 12 | 1SG18BT013 | CHAITRA V S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 13 | 1SG18BT014 | CHANDRAMOULI S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 14 | 1SG18BT015 | CHINMAYI J | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 15 | 1SG18BT016 | CHITTOJU PRERANA | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 16 | 1SG18BT017 | DEERAJ J | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 17 | 1SG18BT018 | DIKSHITHA S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 18 | 1SG18BT019 | DIMPLE B H | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 19 | 1SG18BT020 | HARSHITHA P S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 20 | 1SG18BT021 | KANCHANA B K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 21 | 1SG18BT022 | KAUSHIK P M | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 22 | 1SG18BT023 | MONIKA M | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 23 | 1SG18BT024 | MONISHA S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 24 | 1SG18BT025 | N VAMSHI PRIYA | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 25 | 1SG18BT026 | NANCY YADAV | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 26 | 1SG18BT027 | NAYANIKA AISHWARYA | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 27 | 1SG18BT028 | NISAR AHMED PARASAR | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

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| | | | | | | | | | | | | |
|----|------------|-------------------------------|---|---|---|---|---|---|---|---|---|----|
| 28 | 1SG18BT029 | NISARGA P | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 29 | 1SG18BT030 | NISHA K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 30 | 1SG18BT031 | POOJA D L | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 31 | 1SG18BT032 | POOJA R | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 32 | 1SG18BT033 | POOJA S YADAV | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 33 | 1SG18BT034 | POOJA YELLAPPA KARLANNAVAR | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 34 | 1SG18BT035 | PRAVEEN KUMAR T S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 35 | 1SG18BT036 | PREETHI H K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 36 | 1SG18BT037 | R RAHUL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 37 | 1SG18BT038 | RACHANA G | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 38 | 1SG18BT039 | RUTHWIK K SHETTY | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 39 | 1SG18BT040 | SAHANA M | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 40 | 1SG18BT041 | SAHANA SHEELI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 41 | 1SG18BT042 | SANTHOSH G K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 42 | 1SG18BT043 | SHARATH S TAVARKHED | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 43 | 1SG18BT044 | SHILPA S | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 44 | 1SG18BT045 | SRIRAM P BHAT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 45 | 1SG18BT046 | SUMA K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 46 | 1SG18BT047 | VAISHNAVI B L | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 47 | 1SG18BT048 | VARSHA K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 48 | 1SG18BT049 | VRUNDA A PATEL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 49 | 1SG18BT050 | YASHASWINI K | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 50 | 1SG17BT001 | ABHINAV BANARJI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 51 | 1SG17BT003 | AMBIKA R | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

COORDINATOR

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Head of the Department
Dep. HOD, BT
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Department of Biotechnology

Five Days Certification Course on “Forensic Science”

Test Time Table

| Sl. No. | DATE | DAY | TIMINGS |
|---------|------------|--------|-----------------|
| 1 | 19/11/2021 | Friday | 4.30 to 5.30 PM |


Head of the Department
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CERTIFICATE COURSE ON FORENSIC SCIENCE

QUESTION PAPER

Date: 19/11/2021

Duration: 1hr

Maximum marks: 25

Note: Question number 1-25(1M each)

1. Murder cases are tried in the following courts


- (A) Chief Judicial Magistrate's Court
- (B) 1st Class Metropolitan Magistrate's Court
- (C) Sessions Court
- (D) High Court

2. Assertion (A): Hair has paramount importance to establish the link between suspect and victim and linking both with the scene of occurrence. Reason (R): As per Locards principle of exchange. Codes:

- (A) (A) is correct, but (R) is incorrect.
- (B) Both (A) and (R) are incorrect.
- (C) (R) is correct, but (A) is incorrect.
- (D) Both (A) and (R) are correct.

3. The skid marks on the road in a vehicular accident may give an indication of

- (A) Make of the vehicle
- (B) Speed of the vehicle
- (C) Weight of the vehicle
- (D) Height of the vehicle Answer:



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4. Which of the following type of abrasions are associated in sexual assault over the thigh of a woman?
- (A) Graze
 - (B) Imprint
 - (C) Pressure
 - (D) Scratch
5. ABO grouping is based on
- (A) Red cell surface antigen
 - (B) Plasma proteins
 - (C) Red cell enzyme
 - (D) Nuclear chromatin
6. Cadaveric spasm indicates
- (A) Suicide
 - (B) Homicide
 - (C) Natural death
 - (D) Last act of a person before death
7. The sequence of post-mortem changes in a cadaver includes
- (A) Rigor mortis, primary flaccidity, secondary flaccidity, marbling
 - (B) Primary flaccidity, secondary flaccidity, rigor mortis, marbling
 - (C) Marbling, secondary flaccidity, primary flaccidity, rigor mortis
 - (D) Primary flaccidity, rigor mortis, secondary flaccidity, marbling

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8. “Taches Noire Scleroitiques” is a post-mortem feature seen in

- (A) Eyes
- (B) Nostrils
- (C) Ears
- (D) Mouth

9. The criminal responsibility of a mentally ill person is stated under the following section of Indian law?

- (A) CrPC 84
- (B) CrPC 80
- (C) IPC 84
- (D) IPC 80

10. Preservation of footprint on snow can be done by

- (A) Plaster of Paris Cast
- (B) Sulphur Casting
- (C) Tracing
- (D) Wax Casting

11. The complementary base pairs among four nucleotides (A, T, G, C) are as

- (A) A = G and T = C
- (B) A = C and G = T
- (C) A = T and G = C
- (D) All of the above

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12. (A): Blood stains on cloth should be collected after drying in shade under room heater.

Reason (R): It causes disintegration of blood stains.

- (A) Both (A) and (R) are correct.
- (B) Both (A) and (R) are incorrect.
- (C) (A) is correct, but (R) is incorrect.
- (D) (A) is incorrect, but (R) is correct.

13. The level of toxicity of Datura plant on the basis of increasing level is

- (A) Root, Seeds, Fruit, Leaf
- (B) Leaf, Root, Fruit, Seeds
- (C) Fruit, Root, Seeds, Leaf
- (D) Seeds, Leaf, Root, Fruit

14. Chemical etching is a method for restoration of erased marks on

- (A) Wood
- (B) Leather
- (C) Metal
- (D) Plastic

15. The following is a sign of forgery:

- (A) Retouching
- (B) Connecting strokes
- (C) Pen lifts
- (D) All of the above

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16. The total number of bones in the human skeleton in an adult is

- (A) 208
- (B) 308
- (C) 408
- (D) 508

17. The ability to establish the exact whereabouts of an item of evidence and under whose control it was from its collection at the crime scene to its presentation in the courtroom and everywhere in between is

called:

- (A) chain of command
- (B) chain of custody
- (C) continuity of investigation
- (D) record of evidence

18. The study of criminology involves the study of many disciplines in the collection of knowledge about criminal actions, thereby it is:

- A. Scientific
- B. Multidisciplinary
- C. Psychiatric
- D. Criminology

19.) Which of the following is an example of an individual characteristic that can definitely be associated with one individual?

- A. Fingerprint ridges

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B. Custom paint on a vehicle

C. Blood types

D. Materials in plastic bags

20.) Leone Lattes was responsible for what contribution to forensic scientist?

A. Devising a method for determining the direction, angle, and height for blood spatters during the commission of a crime.

B. Analyzing the antigens present in different types of blood.

C. The discovery of blood types and devising a method for determining blood groups for criminal investigation.

D. Investigating the presence of poisons and animal toxins in different types of blood.

21.) Which of the following would most likely NOT a purpose of physical evidence?

A. Establishing that a crime has been committed

B. Providing a link between a crime and its victim or a crime and its perpetrator

C. Tracing the original manufactures for the weapons present at a crime scene

D. Providing investigative leads for a case

22.) When it comes to securing and isolating a crime scene, which of the following is true?

A. Only authorized personnel should be allowed on the scene

B. Every person who enters the scene is a potential destroyer of viable physical evidence

C. Physical evidence should be marked off

D.) All of the Above



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23.) After the removal of a body from the crime scene, the crime scene photographer should do which of the following?

- A. Draw lines with chalk or tape to show the position of the body and how it was laid out in the original crime scene
- B. Taking photos of the area just outside of the crime scene
- C. Record the names of the streets and other buildings in a certain proximity of the crime scene
- D. Take photos of the area underneath the body

24.) Which of the following units at a crime lab would most likely be used to definitely convict a suspect in the commission of a crime

- A. The Firearms Unit
- B. The Polygraph Unit
- C. The Latent Fingerprint Unit
- D. The Voiceprint Analysis Unit

25.) Which of the following is NOT a method when searching a crime scene

- A. The Spiral Search Method
- B. The Geometric layout method
- C. The Quadrant or Zone Search method
- D. The Strip or Line Search method

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Approved by Academic Committee members and Resource Person:

| SL. NO. | Faculty member | Designation | Signature |
|---------|--------------------------|--|-----------|
| 1 | Dr.Veena S More | HOD & Professor | |
| 2 | Dr Allwin Ebinesar J S S | Associate Professor | |
| 3 | Prof.Prashanth Kumar H P | Assistant Professor/Resource Person | |
| 4 | Dr.Soumya C | Assistant Professor | |
| 5 | Prof.Shobha G | Assistant Professor | |

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Certification Course on "Forensic Science"

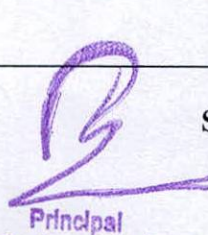
Participant Feedback

1. How was the overall organization of the Certification Course?
a) Poor b) Satisfactory c) Good ☒ d) Excellent
2. How appropriate were the facilities provided?
a) Poor b) Satisfactory c) Good ☒ d) Excellent
3. Opportunity to ask questions for clarification and interaction with presenters
a) Poor b) Satisfactory c) Good ☒ d) Excellent
4. Effectiveness of the Hands-on Sessions
a) Poor b) Satisfactory c) Good ☒ d) Excellent
5. Topic and contents of the Certification Course
a) Poor b) Satisfactory c) Good ☒ d) Excellent
6. How do you rate the Certification Course compared to other workshops that you have attended?
a) Poor b) Satisfactory c) Good ☒ d) Excellent
7. Generally how was your overall experience during the Certification Course
a) Poor b) Satisfactory c) Good ☒ d) Excellent
8. Any Suggestions:

Good in Handsession conducted

Student Name: CHINMAY

Student Signature:



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Certification Course on “Forensic Science”

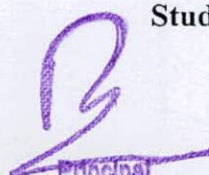
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7. Generally how was your overall experience during the Certification Course
a) Poor b) Satisfactory c) Good ~~d) Excellent~~
8. Any Suggestions:

Good Organization.

Student Name: AVINASH. K. G

Student Signature: Avinash K G


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Certification Course on “Forensic Science”

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a) Poor b) Satisfactory c) Good d) Excellent
8. Any Suggestions:

Details Given - Provided. Image pieces
were good.

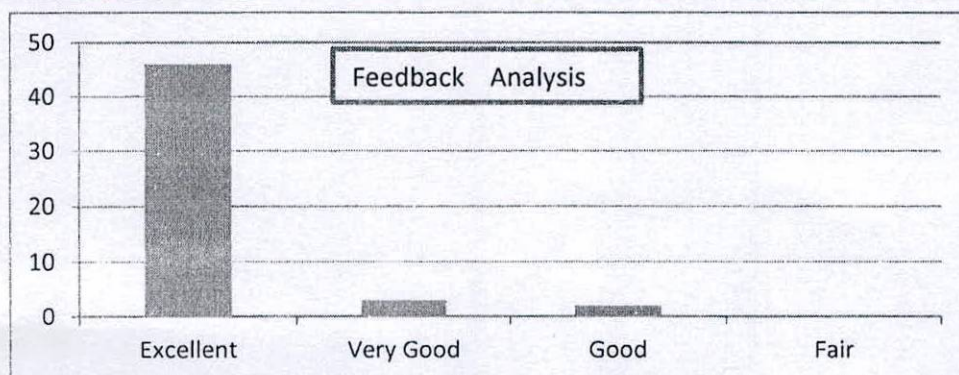
Student Name: Nancy Yadav

Student Signature: Nancy

FEEDBACK ANALYSIS

Certification Programme: “Forensic Science”

| No. of students participated | Student Feedback | | | |
|------------------------------|------------------|-----------|------|------|
| | Excellent | Very Good | Good | Fair |
| 51 | 46 | 3 | 2 | 0 |



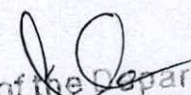
Action Report:

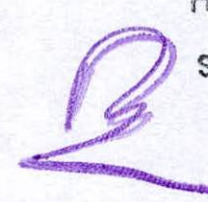
90 % of students were completely happy with the certification program and 6% of students felt it was a good program and remaining 4 % students were satisfied with the program.

Action Taken:

The Feedback report which was collected from the students were sent to the principal and he would take necessary actions based on the comments and conduct more programs for the benefit of students.


Program Coordinator


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Department of Biotechnology

Certificate Course –Forensic Science

Post Event Report

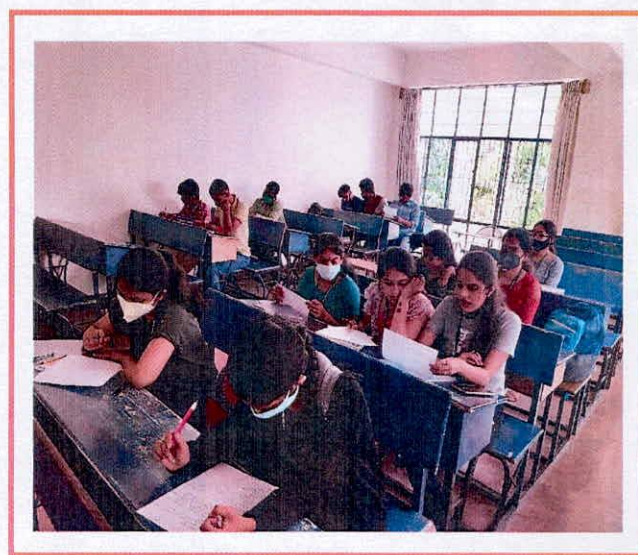
Department of BT conducted Certificate Course on Forensic Science from 15thNov 2021 to 19thNov2021

Objective of the Course: The one week course made the students to be familiar with the major concepts in Forensic science which is a main platform for their career .Certificate Course became the vital step to improve the knowledge of students.

Resource Person:Mr. Prashanth Kumar H P, Assistant Professor, Sapthagiri College of Engineering Bangalore

Duration of the course: Five Days from 15thNov 2021 to 19thNov 2021

Student Participants in certification Program




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| Dates | Report |
|------------|---|
| 15/11/2021 | Introduction to forensic science, Characterization of blood- Blood group identification |
| 16/11/2021 | Dactyloscopy: Identification of whorls, loops, arches in fingerprints |
| 17/11/2021 | DNA Analysis : Extraction of DNA, Quantification and analysis |
| 18/11/2021 | Toxicology of alcohol: Estimation of alcohol in the given sample |
| 19/11/2021 | Forensic Imaging: Study of camera components and its functions. |

Conclusion: A program of education resulting in a certificate of completion rather than a degree. These programs prepare students to complete a specific task or allow them proficiency in one of the particular aspect of their field. Students were benefit with programming skills. Students pursues certificates in order to get ahead in the professional field of their interest.



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The Institute of Engineers (India) Student Chapter & Shristi BT Forum

CERTIFICATE COURSE ON FORENSIC SCIENCE

This is to certify that

Mr./Ms..

**Of VII semester Biotechnology has successfully completed
FORENSIC SCIENCE organized by Department of Biotechnology,
Sapthagiri College of Engineering, Bengaluru-57 from 15-NOV-
2021 to 19-NOV-2021**

**Course
Coordinator**

**Head
Department of BT**

**Principal
SCE**

Principal
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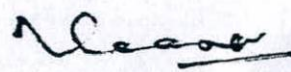
CERTIFICATE COURSE ON FORENSIC SCIENCE

This is to certify that

Ms. SHILPA S

**Of VII semester Biotechnology has successfully completed
FORENSIC SCIENCE organized by Department of Biotechnology,
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2021 to 19-NOV-2021**


**Course
Coordinator**


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Department of BT**


**Principal
SCE**

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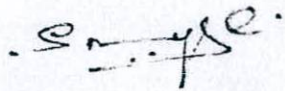
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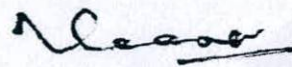
CERTIFICATE COURSE ON FORENSIC SCIENCE

This is to certify that


Ms. VRUNDA A PATEL

**Of VII semester Biotechnology has successfully completed
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Sapthagiri College of Engineering, Bengaluru-57 from 15-NOV-
2021 to 19-NOV-2021**


**Course
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**Head
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Chapter & Shristi BT Forum

CERTIFICATE COURSE ON FORENSIC SCIENCE

This is to certify that

Mr. RAHUL R

**Of VII semester Biotechnology has successfully completed
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2021 to 19-NOV-2021**


**Course
Coordinator**


**Head
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**Principal
SCE**