



DESHEEYA VIDYASHALA SAMITHI (R.)
DVS COLLEGE OF ARTS AND SCIENCE, SHIVAMOGGA

Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201,Karnataka State
IQAC

FEEDBACK ANALYSIS

Course Evaluation

Curriculum Development is defined as the process of selecting, organizing, executing, and evaluating learning experiences on the basis of the needs, abilities and interests of the learners and the nature of the society/ community. Renewing and updating of the Curriculum is the essential process of any university academic system. Curriculum development should cater student needs and should lead to improvement of student learning. To meet the need and requirement of the society and in order to enhance the quality and standards of education, updating and restructuring of the curriculum must be process. The students and teachers are the most important stakeholders of Higher Education systems. Hence periodical feedback of these stakeholders will be taken to design/update a curriculum

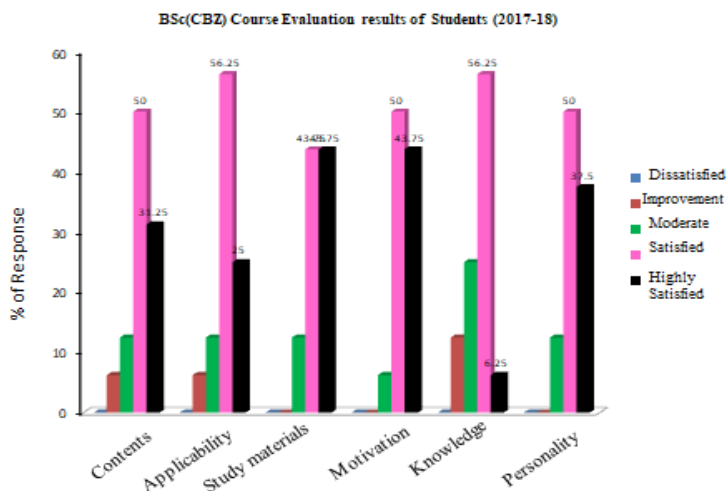
Feedback from stakeholders of education system on curriculum is essential to develop a competent syllabus. Different Stakeholders feedback on programmes offered is collected by the IQAC, analyzed systematically and reports are informed to concerned BOS members/teachers of the college. Many faculty members are in various Boards of studies. Departments are conducting curricular review meetings to assess the feedback from different stakeholders and resolutions will be communicated to respective Board of studies of University to evolve a need based curriculum. They have organized syllabus up gradation workshops to evolve an effective curriculum at university level.

STUDENTS FEEDBACK ON CURRICULUM

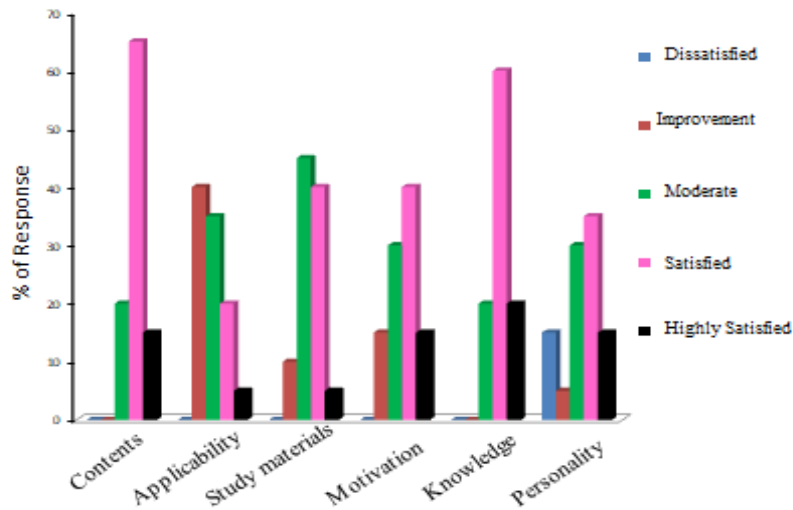
ANALYSIS –Year 2017-18

Final year students were asked to give feedback on syllabus content, applicability, learning resources provided etc.

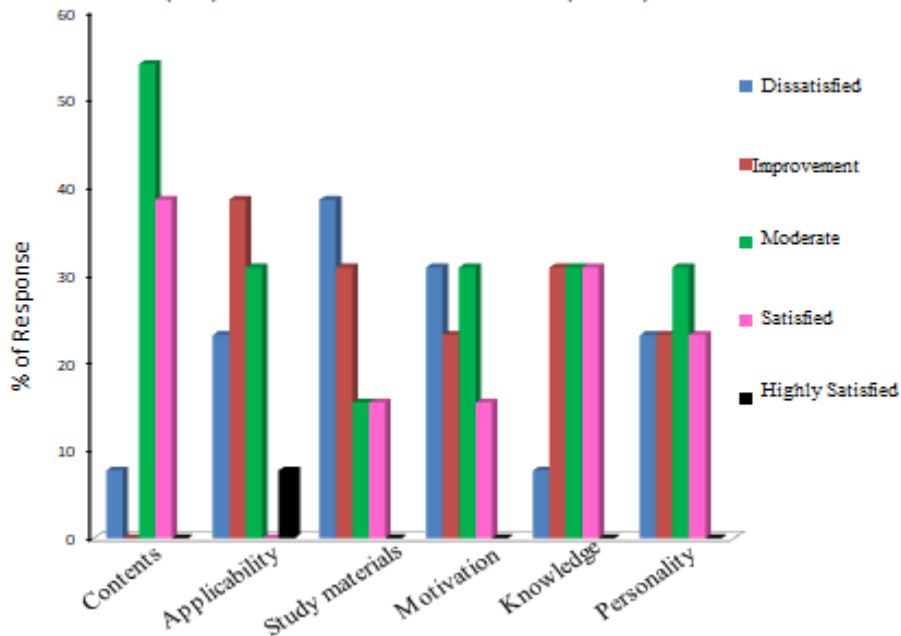
- Around $\cong 50\%$ students in III BSc (CBZ) Class are satisfied with the course content and its applicability in general to real life, science and technology and also to career. They are also satisfied with availability of study materials, motivation they derived and overall personality development. Whereas $\cong 40\%$ students satisfied with knowledge base they could develop from it.
- $\cong 60\%$ students in III BSc PCM combination Class are satisfied with course content and knowledge they developed from the syllabus. Whereas $\cong 40\%$ students satisfied with motivation they got and the supply of learning resources they could develop from it. its applicability in general to real life, science and technology and also to career. They also satisfied with availability of study materials and motivation and overall personality development.
- $\cong 50\%$ students in III BSc (PME) Class are satisfied with course content . $\cong 25\%$ students are satisfied with its applicability in general to real life, science and technology and also to career. They are not satisfied with availability of study materials, motivation and overall personality development. Whereas $\cong 30\%$ students satisfied with knowledge base they could develop from it.



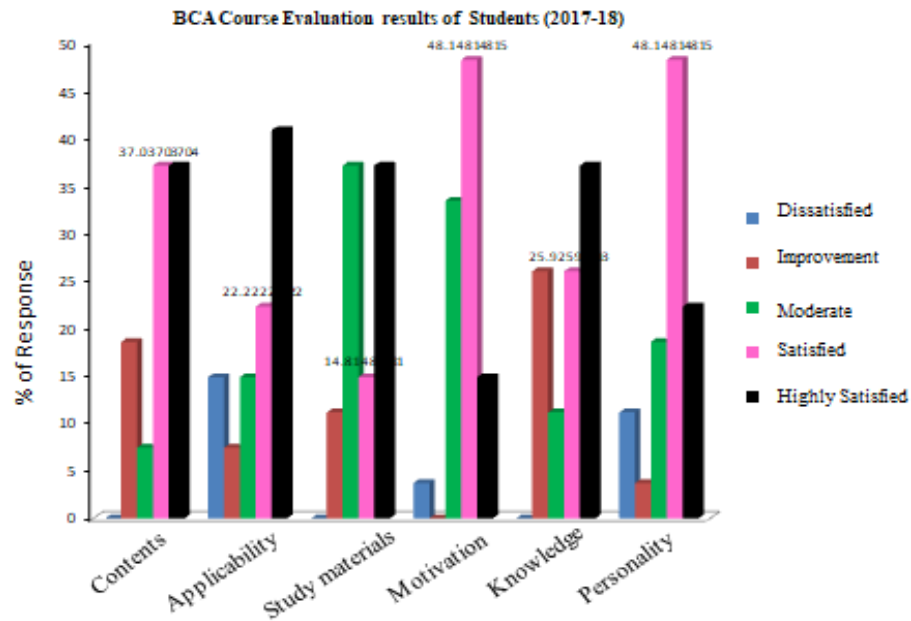
BSc(PCM)Course Evaluation results of Students (2017-18)



BSc(PME)Course Evaluation results of Students (2017-18)

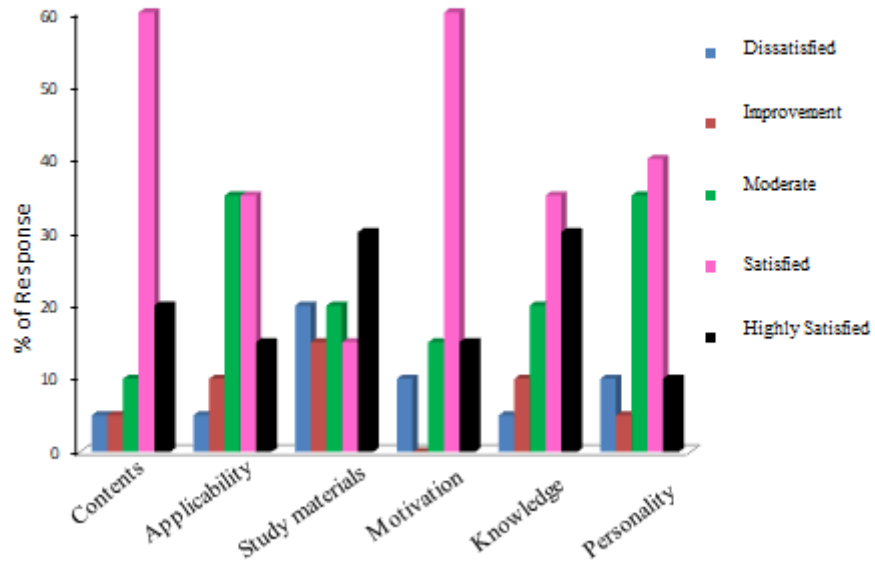


In BCA around 50% students in III BCA Class are satisfied with the motivation they derived from course and its contribution towards their personality development. Around 40% students are highly satisfied with its content, its applicability in general to real life, science and technology and also to career. They are also highly satisfied with availability of study materials.

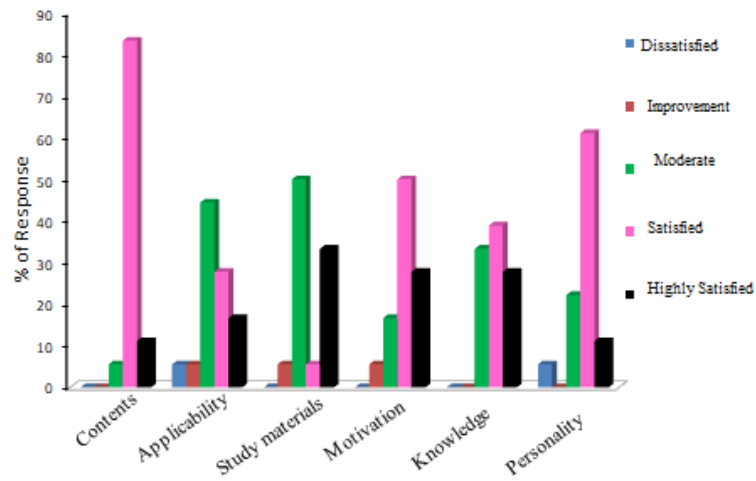


- In BA 60% students in III BA(HEE) Class are satisfied with contents and motivation they derived from course. Around 40% satisfied with course contribution towards their knowledge and personality development. 30%students are highly satisfied with course materials supplied.
- In BA 80% students in III BA Class are satisfied with course contents. Around 50% satisfied with course content for the motivation they derived, contribution towards their knowledge and personality development. 30%students are highly satisfied with course materials supplied

B.A(HEE) Course Evaluation results of Students (2017-18)



B.A Course Evaluation results of Students (2017-18)

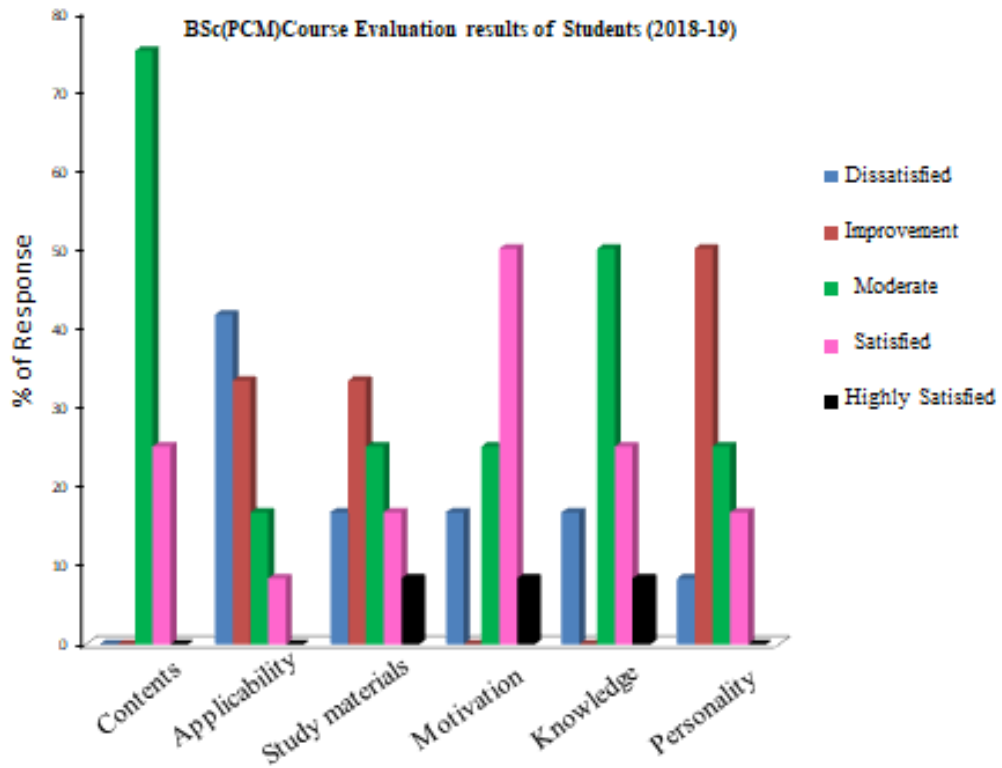
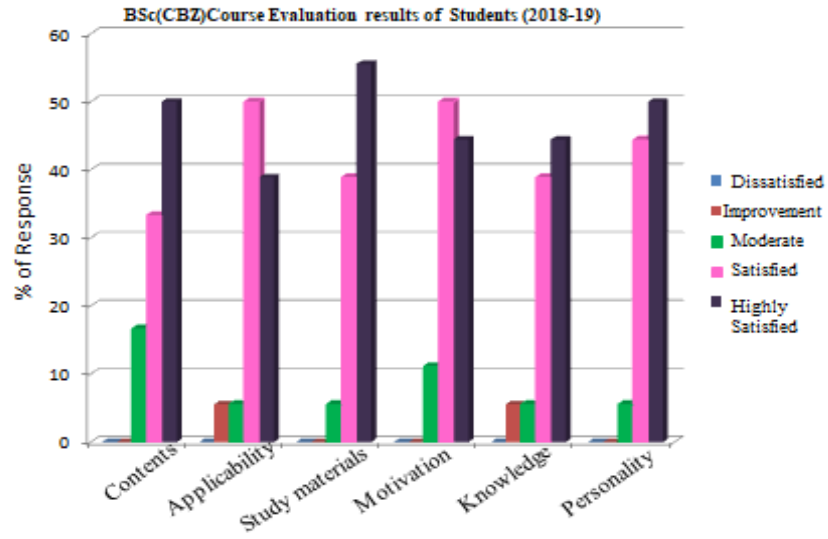


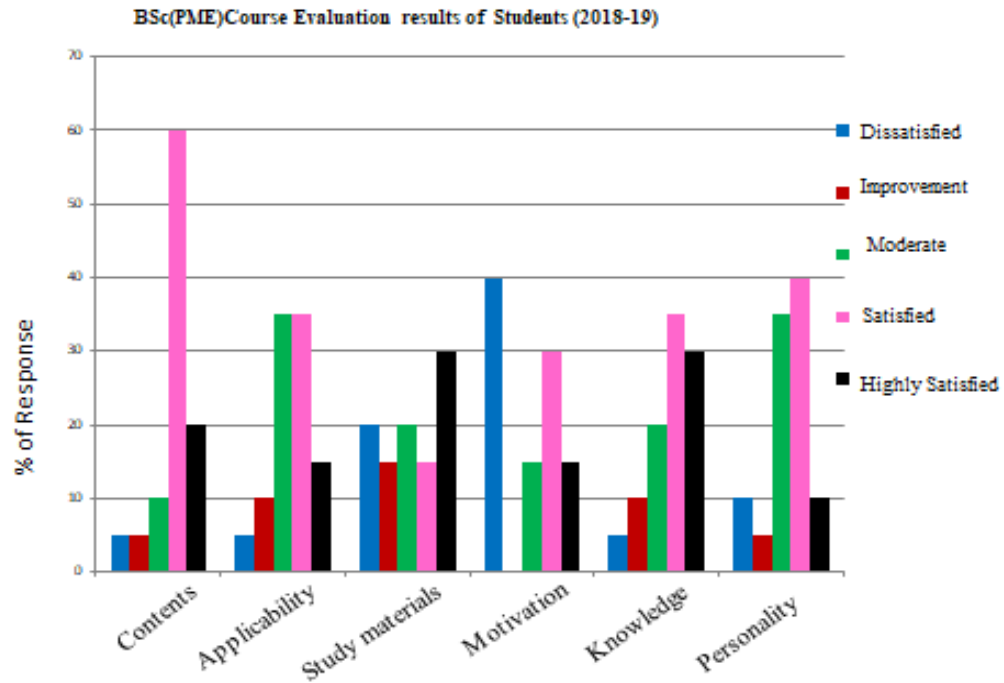
STUDENTS FEEDBACK ON CURRICULUM

ANALYSIS –Year 2018-19

Final year students asked to give feedback on syllabus content, applicability, learning resources provided, motivation they derived from course and its contribution towards their personality and knowledge base development.

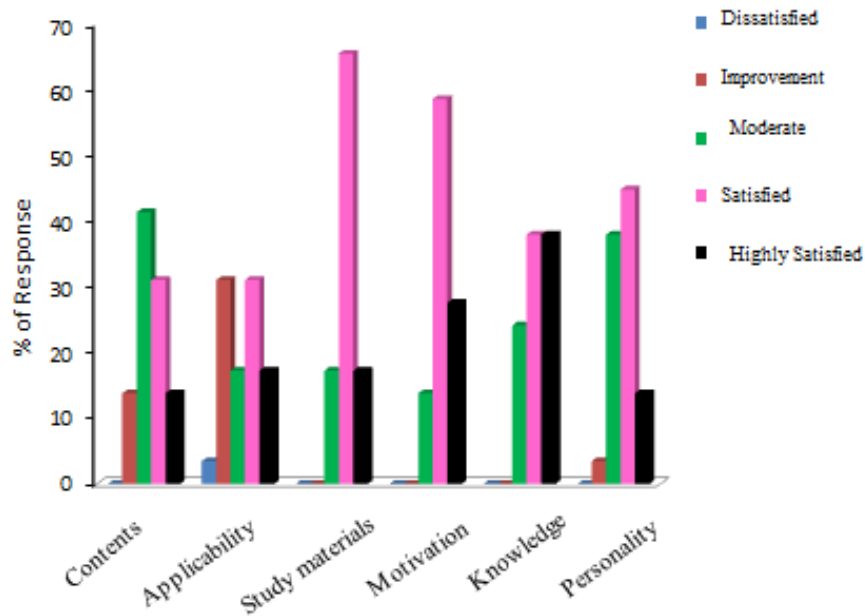
- Around \cong 50% students in III BSc(CBZ) Class are highly satisfied with course content and its applicability in general to real life, science and technology and also to career. They also satisfied with availability of study materials and motivation and overall personality development. Whereas \cong 40% students satisfied with knowledge base they could develop from it.
- Around 80% students in III BSc PCM combination Class moderately satisfied with course content and knowledge they developed from the course. Whereas \square 50% students satisfied with motivation they got. Around 50% students feel the course contents needed to be improved with respect to its applicability in general to real life, science and technology and also to career. They also not satisfied with availability of study materials and course contribution to their overall personality development.
- Around 60% students in III BSc(PME) Class satisfied with course content. Only 25% students are satisfied with its applicability in general to real life, science and technology and also to career. They are not satisfied with availability of study materials and motivation they derive. Whereas 40% students satisfied with knowledge base they could develop from it and its contribution to overall personality development.



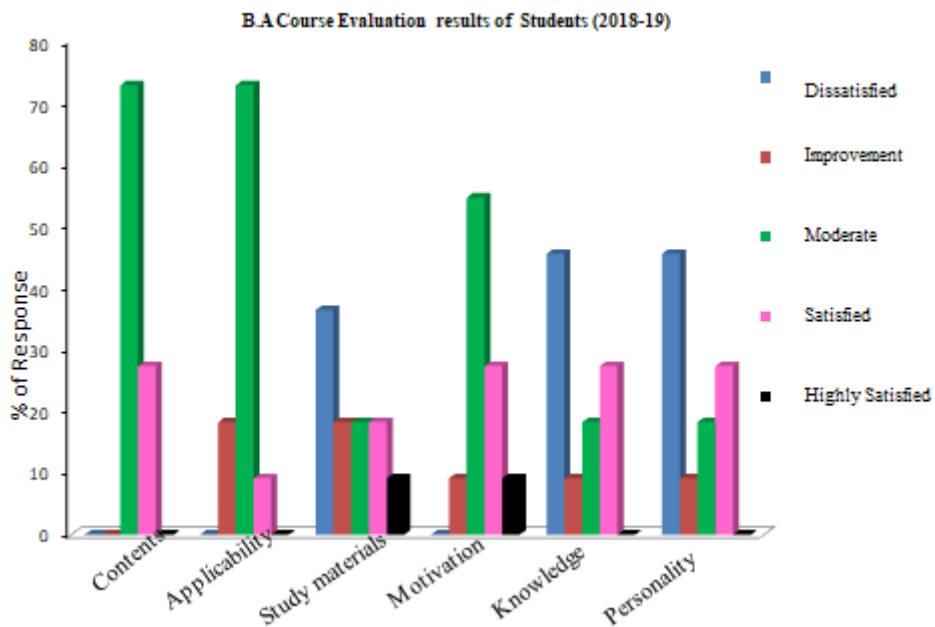
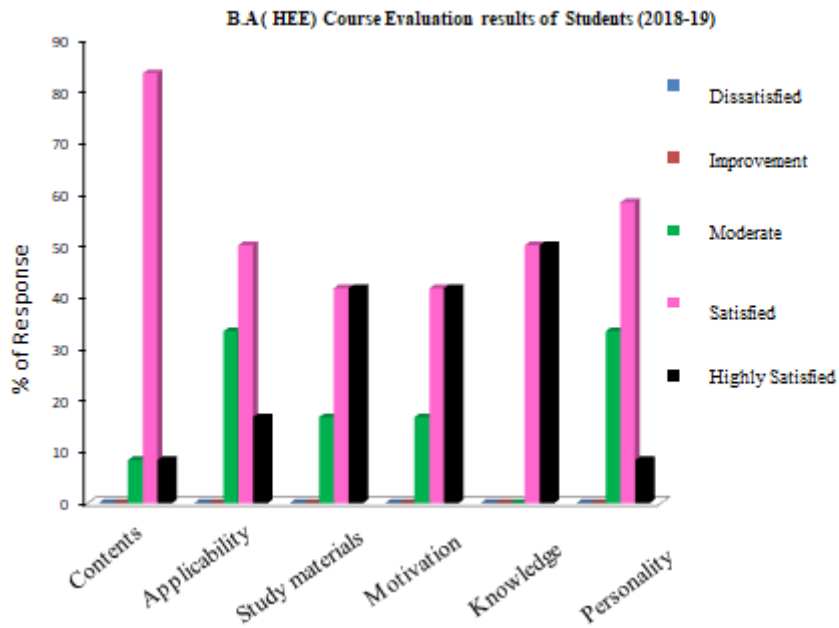


- In BCA around 70% students in III BCA Class are satisfied with study materials, motivation they derived from course and its contribution towards their personality development. Around 40% students are highly satisfied with course contribution towards their knowledge development.

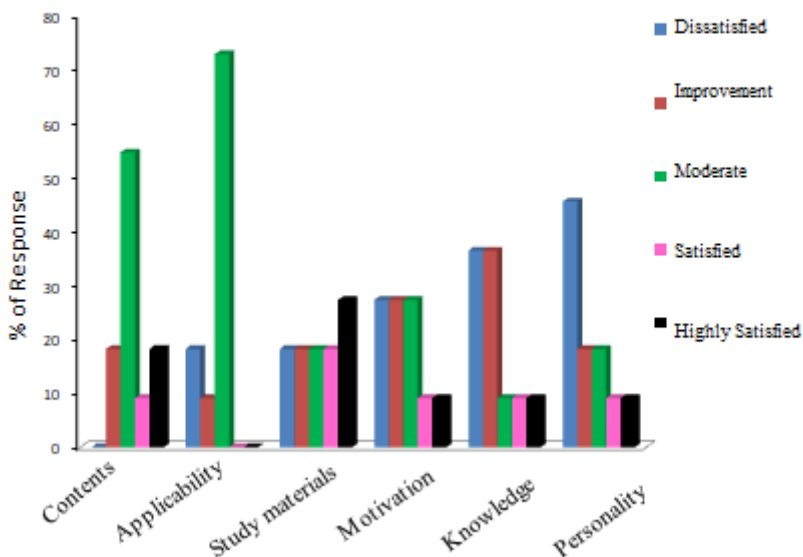
BCA Course Evaluation results of Students (2018-19)



- In BA 85% students in III BA(HEE) Class satisfied with contents of the course. Around 50% highly satisfied with course contribution towards their knowledge, motivation and study materials. 60% students are satisfied with contribution of the course in personality development .
- In BA 75% students in III BA Class not satisfied with contents of the course and its applicability. Around 50% not satisfied with course contribution towards their knowledge, motivation and study materials
- In BCom 75% students in III B.Com Class not satisfied with contents of the course and its applicability. Around 50% not satisfied with course contribution towards their knowledge, motivation and study materials. Only 30% students satisfied with course content , its motivation, and its contribution towards their knowledge and personality.



B.Com Course Evaluation results of Students 2018-19



STUDENTS FEEDBACK ON CURRICULUM

ANALYSIS –Year 2019-20

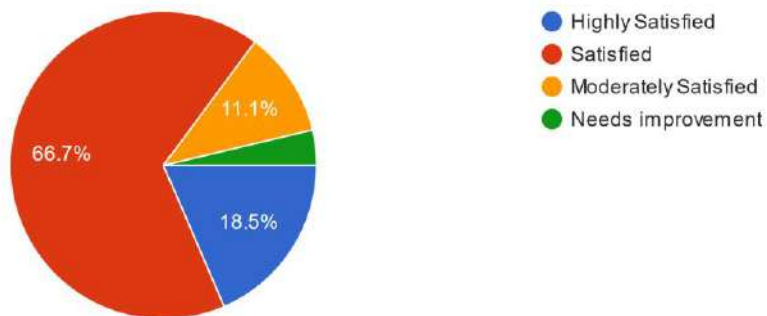
Curriculum development should cater student needs and should lead to improvement of student learning. To meet the need and requirement of the society and in order to enhance the quality and standards of education, updating and restructuring of the curriculum must be process. The students and teachers are the most important stakeholders of Higher Education systems. Hence periodical feedback of these stakeholders will be taken to design/update a curriculum.

Student’s feedback collected and analyzed through Google forms.

B Com Students ANALYSIS –Year 2019-20

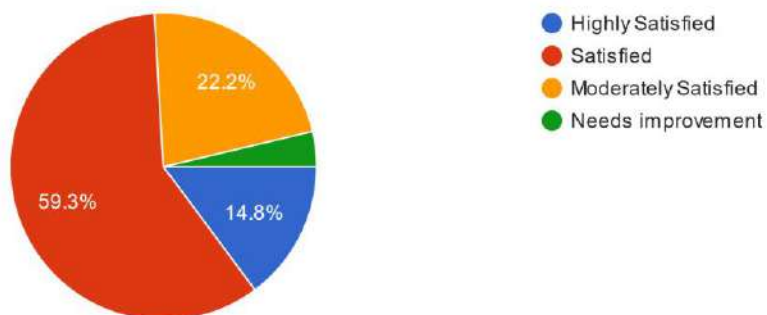
1.Contents of the Course Syllabus

27 responses



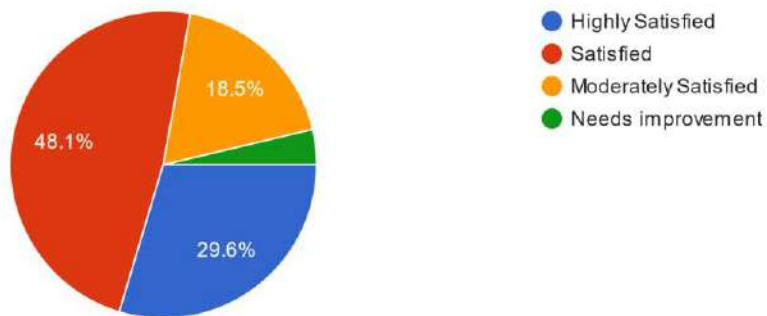
2.Applicability/relevance to real life/in science and technology/for career.

27 responses



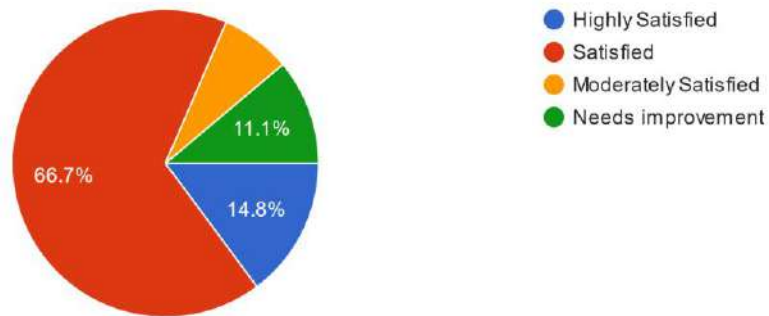
3.Availability of textbooks/ study materials for the course

27 responses



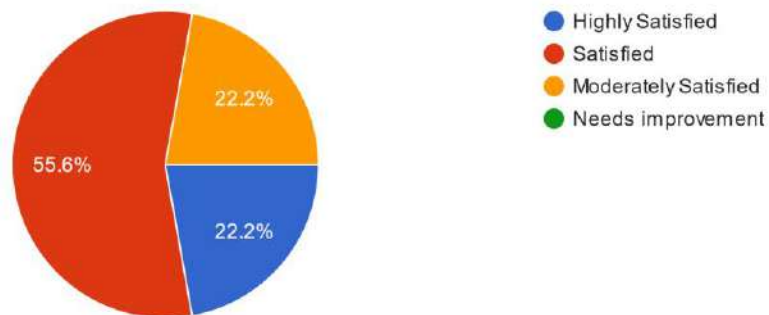
4. Whether the course content motivates you to aspire for higher studies/research ?

27 responses



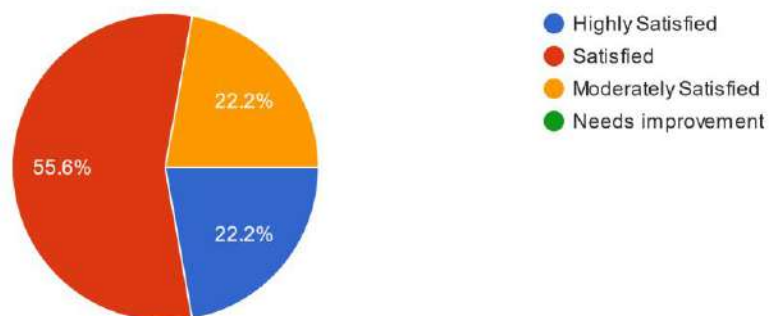
5. Whether the course content is sufficient to improve knowledge base?

27 responses



5. Whether the course content is sufficient to improve knowledge base?

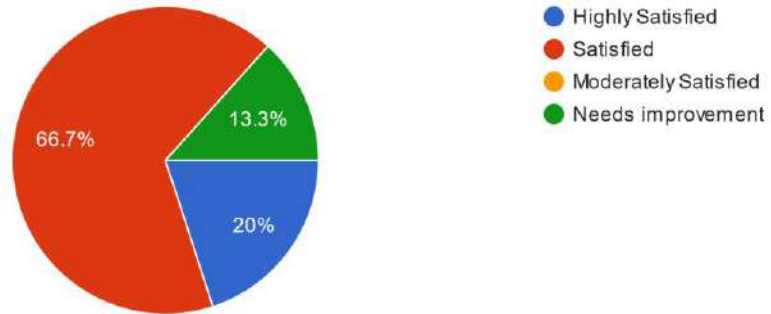
27 responses



BCA students ANALYSIS –Year 2019-20

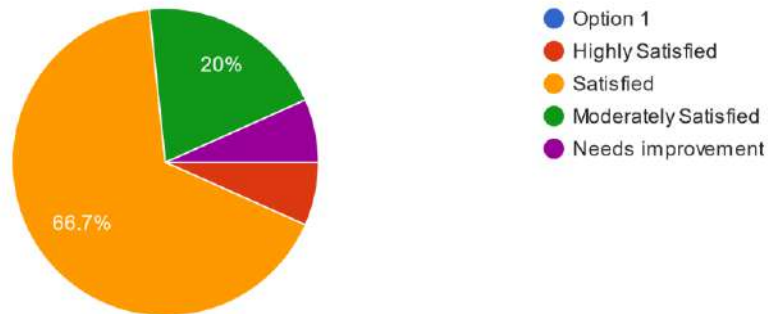
1.Contents of the Course Syllabus

15 responses



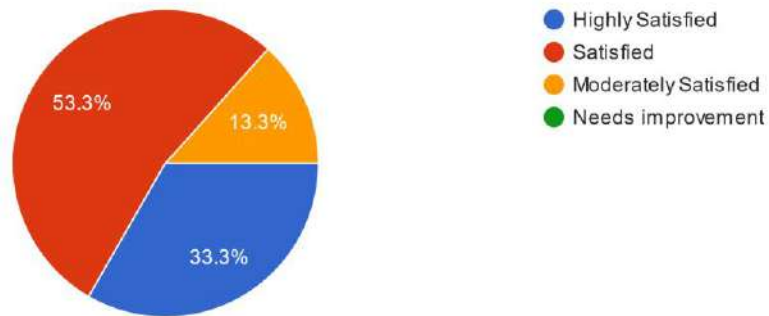
2.Applicability/relevance to real life/in science and technology/for career.

15 responses



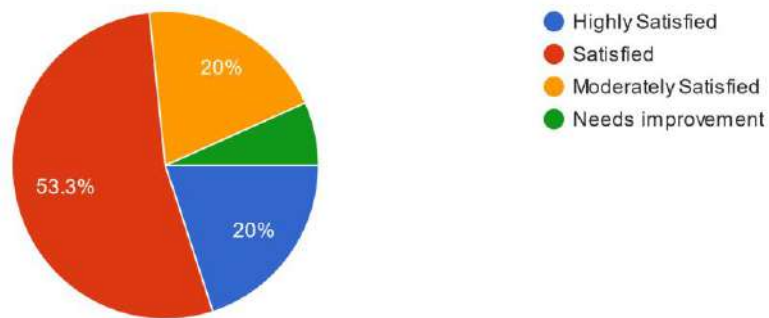
3. Availability of textbooks/ study materials for the course

15 responses



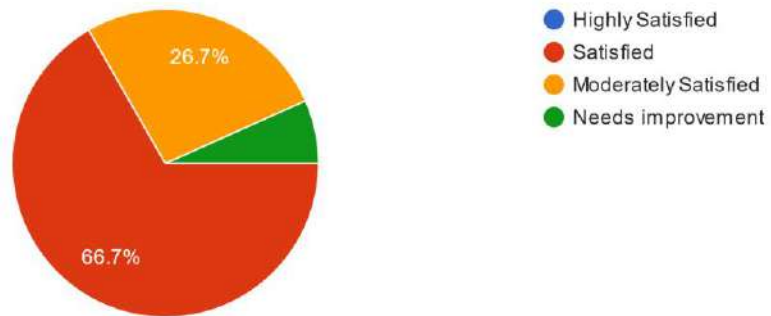
4. Whether the course content motivates you to aspire for higher studies/research ?

15 responses



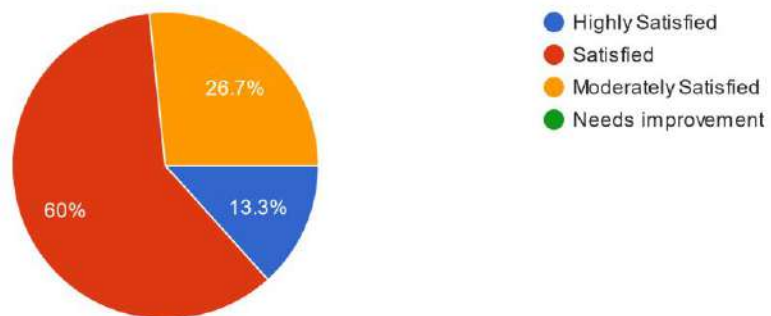
5. Whether the course content is sufficient to improve knowledge base?

15 responses



6. Whether the curriculum helping in developing your personality

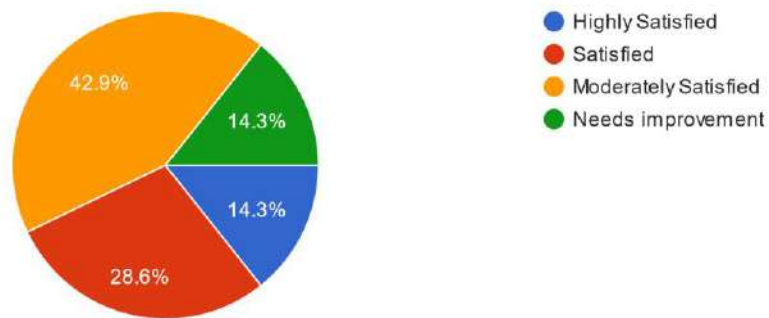
15 responses



BSc. PME ANALYSIS –Year 2019-20

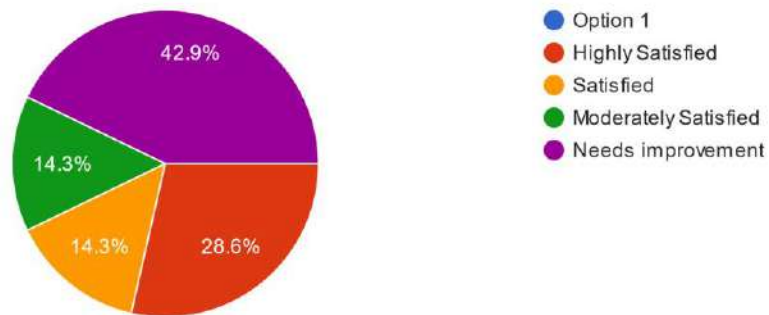
1.Contents of the Course Syllabus

7 responses



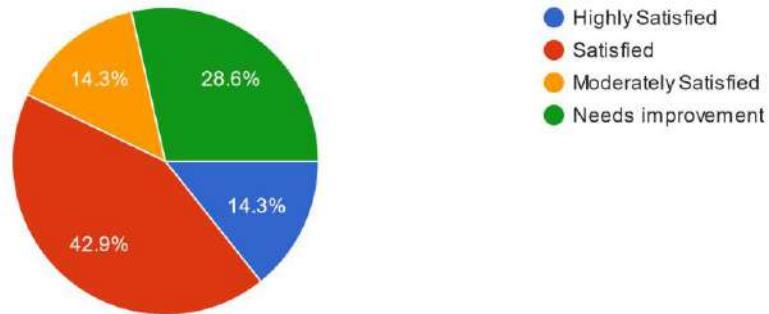
2.Applicability/relevance to real life/in science and technology/for career.

7 responses



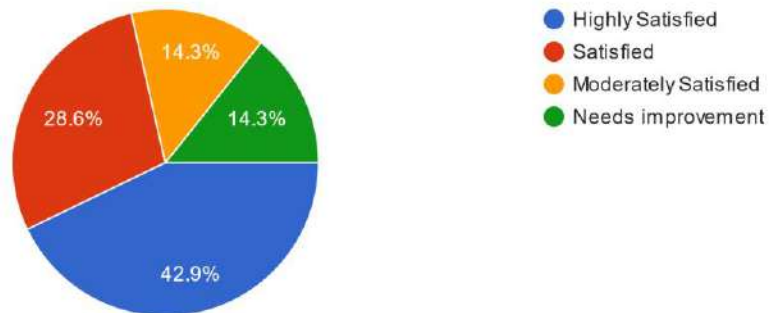
3. Availability of textbooks/ study materials for the course

7 responses



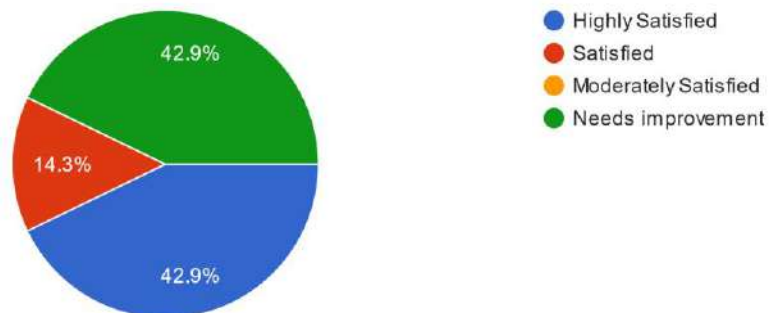
4. Whether the course content motivates you to aspire for higher studies/research ?

7 responses



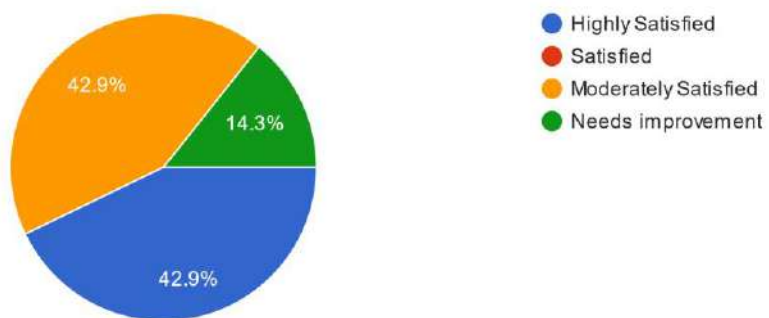
5. Whether the course content is sufficient to improve knowledge base?

7 responses



6. Whether the curriculum helping in developing your personality

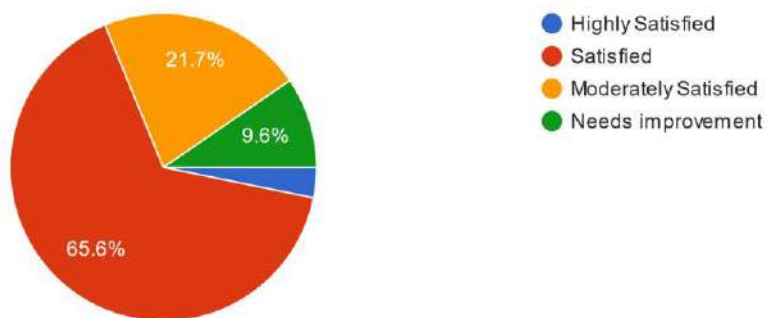
7 responses



BSc.PCM ANALYSIS –Year 2019-20

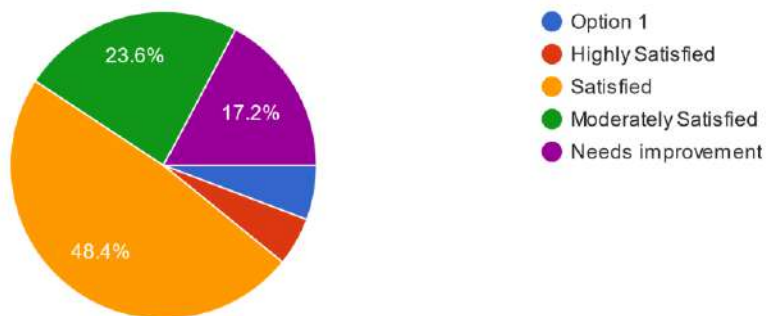
1.Contents of the Course Syllabus

157 responses



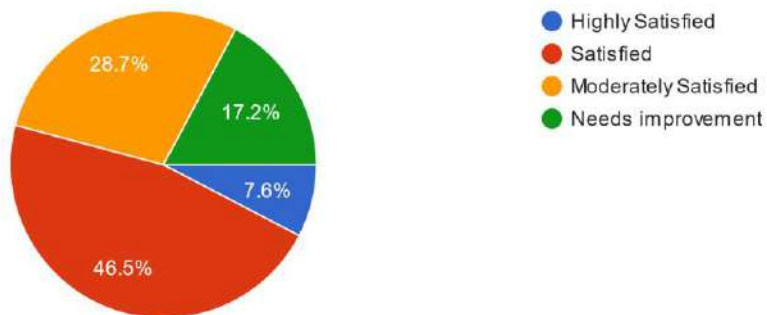
2.Applicability/relevance to real life/in science and technology/for career.

157 responses



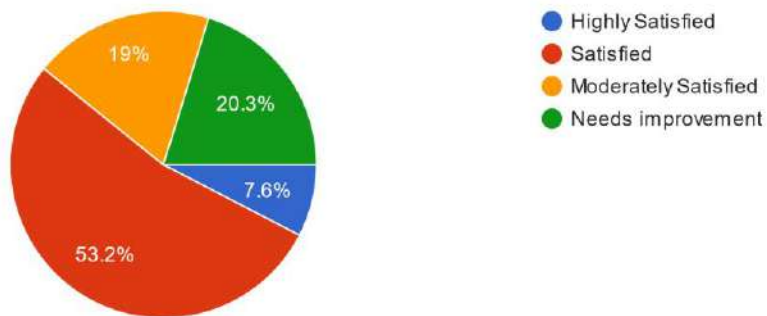
3.Availability of textbooks/ study materials for the course

157 responses



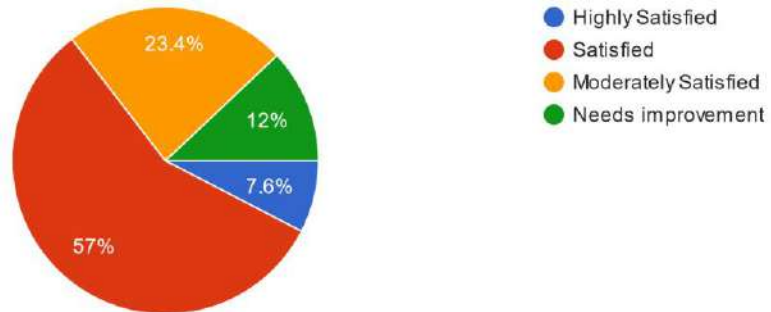
4.Whether the course content motivates you to aspire for higher studies/research ?

158 responses



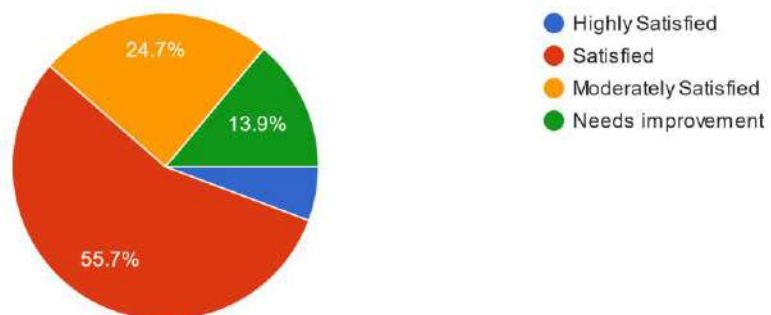
5. Whether the course content is sufficient to improve knowledge base?

158 responses



6. Whether the curriculum helping in developing your personality

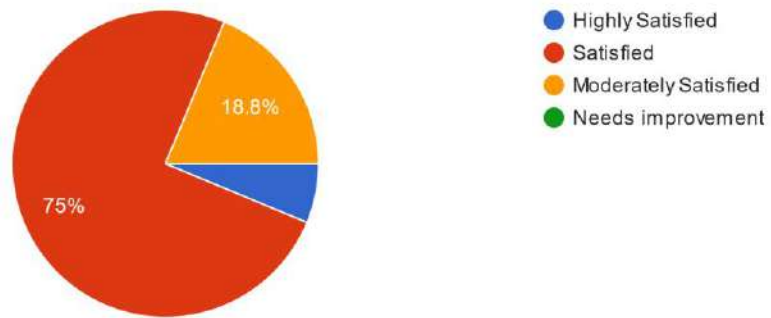
158 responses



BSc. CBZ ANALYSIS –Year 2019-20

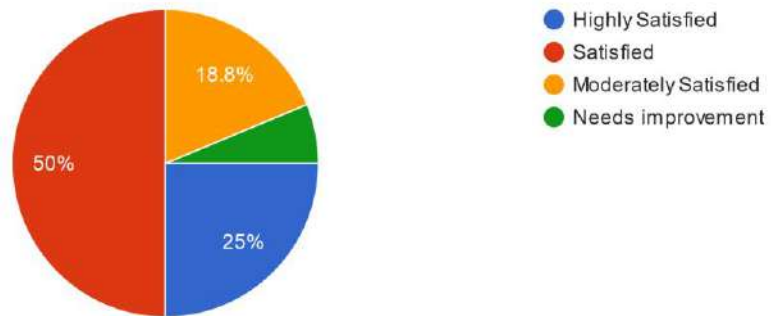
1.Contents of the Course Syllabus

16 responses



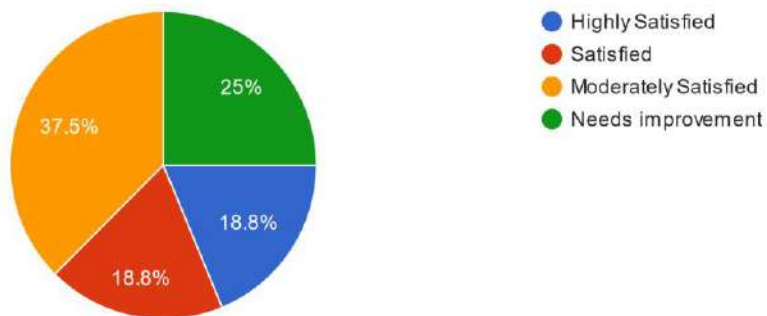
2. Course Applicability/relevance to real life/in science and technology/for career.

16 responses



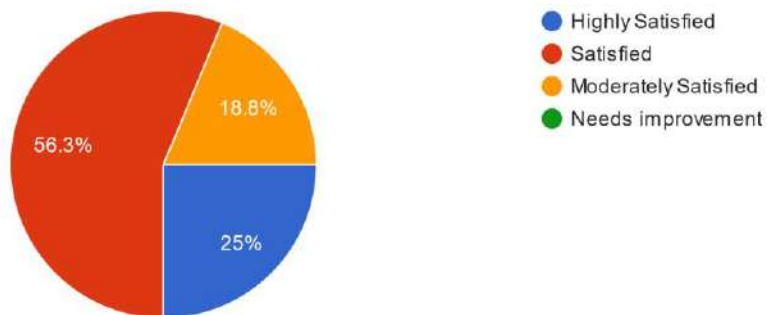
3.Availability of textbooks/ study materials for the course

16 responses



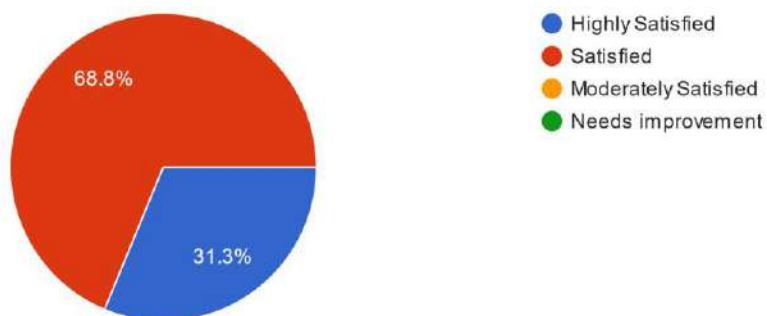
4.Whether the course content motivates you to aspire for higher studies/research ?

16 responses



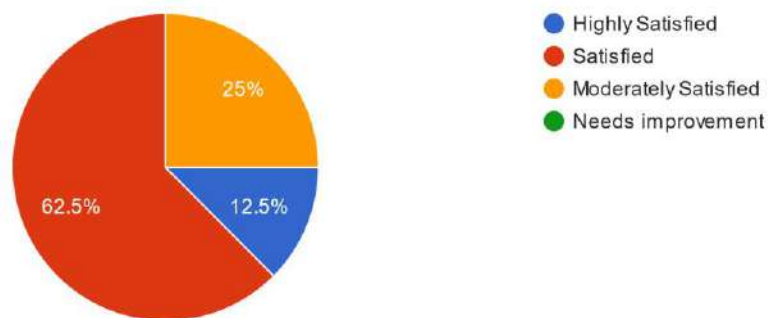
5.Whether the course content is sufficient to improve knowledge base?

16 responses

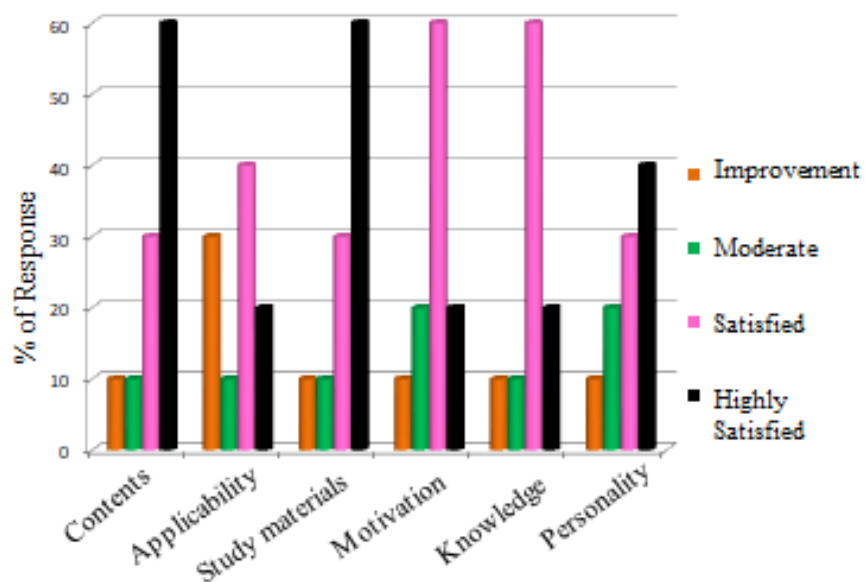


6. Whether the curriculum helping in developing your personality

16 responses



B.A Course Evaluation results of Students (2019-20)



In BA 60% students in III BA Class highly satisfied with the contents of the course and about study materials. Around 60% satisfied with course contribution towards their knowledge and motivation. Around 40% are highly satisfied with contribution of the course in their personality development.

Action taken

Meetings were held at the department level, teacher's forum and BOS to implement the suggestions in the feedback. Activities conducted focusing better results and holistic development. Remedial coaching, Seminars and workshops are held for to make the curriculum delivery more effective.

ALUMNI FEEDBACK ON CURRICULUM

ANALYSIS –Year 2017-20

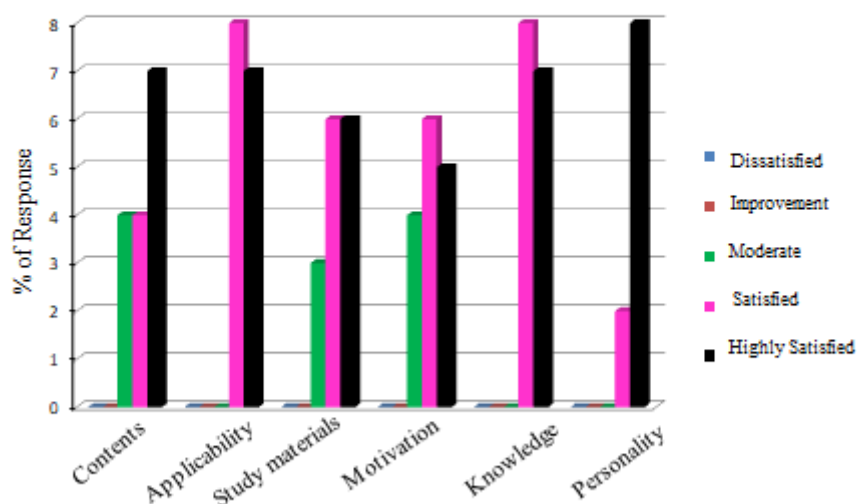
The college views its alumni as a valuable source of information. The feedback for the curriculum was taken by the alumni for academic session. Alumni are the output of higher education. Alumni course evaluations are recognized as an important part of the process of effective curriculum development. They provide insights into the undergraduate learning experience. Curriculum development should cater student needs and should lead to improvement of student learning. To meet the need and requirement of the society and in order to enhance the quality and standards of education, updating and restructuring of the curriculum must be process. The students, alumni and teachers are the most important stakeholders of Higher Education systems. Hence periodical feedback of these stakeholders will be taken to design/update a curriculum. Please fill this form carefully. Here you are evaluating the course you studied in your UG program.

The parameters include:

- 1 Contents of the Course Syllabus
- 2 Applicability/relevance to real life/in science and technology/for career.
- 3 Availability of textbooks/ study materials for the course
- 4 Whether the course content motivated you to aspire for higher studies/research?
- 5 Does the course content is sufficient to improve the knowledge base?
- 6 Whether the curriculum helped to improve your personality?

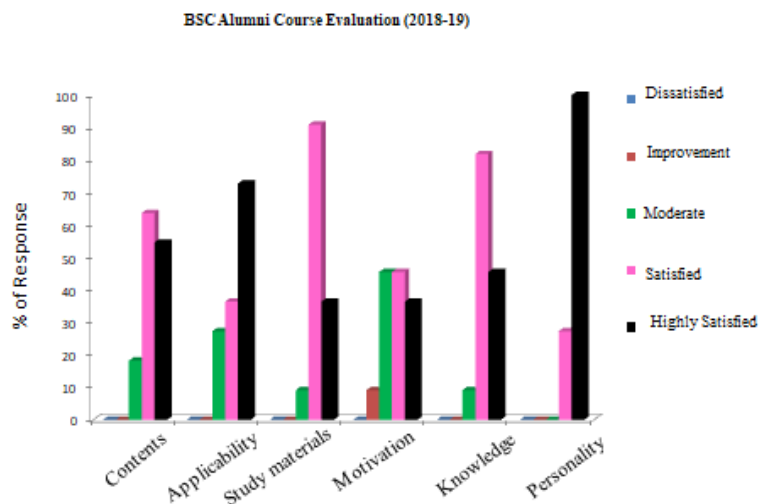
BSc Alumni Course Evaluation (2017-18)

BSc Alumni Course Evaluation (2017-18)



Alumni from Science stream opined that they are highly satisfied with the contents of the course, its applicability and about study materials provided. Around 60% alumni highly satisfied with course contribution towards their knowledge and motivation. Around 80% are highly satisfied with contribution of the course in their personality development.

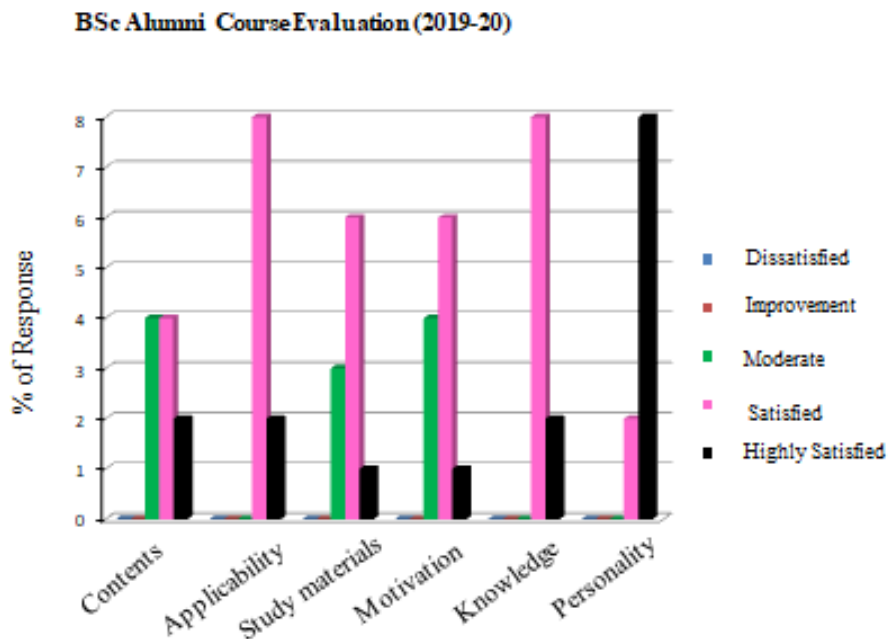
BSc Alumni Course Evaluation (2018-19)



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BSc Alumni Course Evaluation (2019-20)

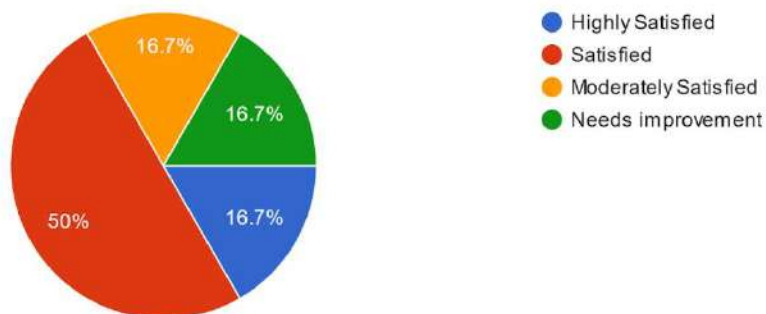
Alumni from BSc are satisfied with the contents of the course, its applicability and about study materials provided . Around 60% alumni are satisfied with course contribution towards their knowledge and motivation. Around 80% are highly satisfied with contribution of the course in their personality development .



BSc Alumni Course Evaluation (2019-20)

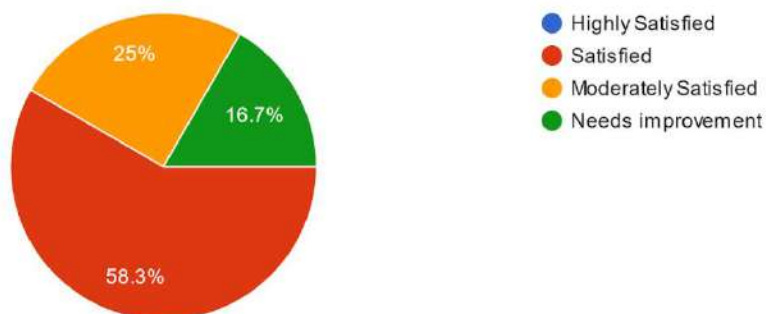
1.Contents of the Course Syllabus

12 responses



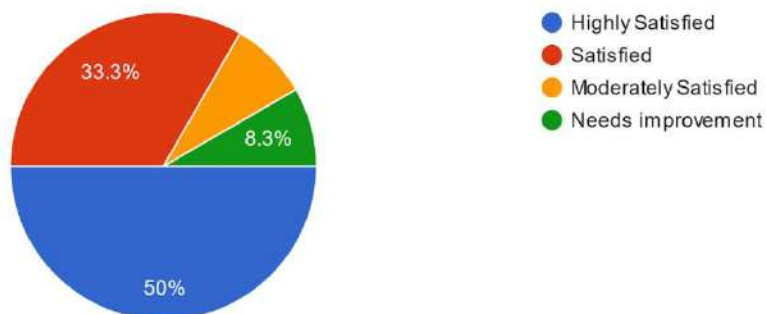
2.Applicability/relevance to real life/in science and technology/for career.

12 responses



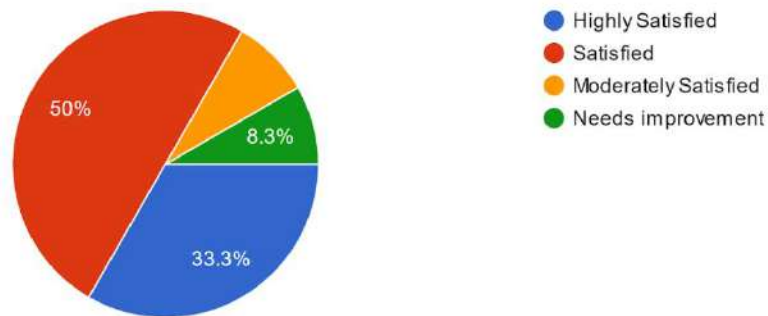
3.Availability of textbooks/ study materials for the course

12 responses



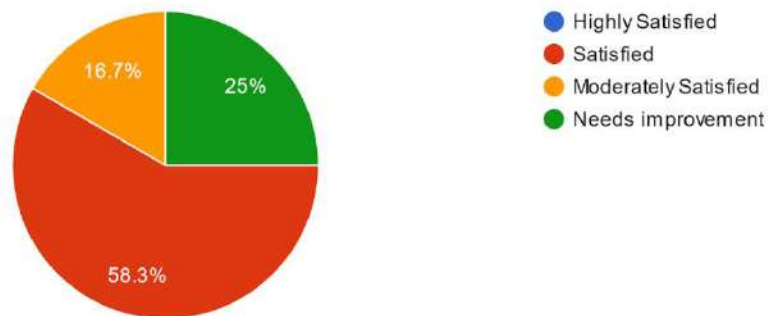
4. Whether the course content motivates you to aspire for higher studies/research ?

12 responses



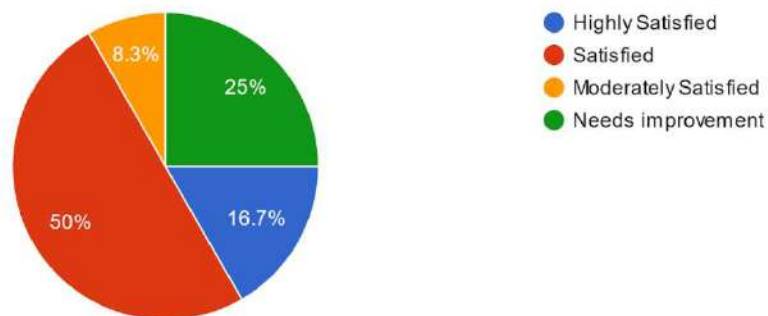
5. Whether the course content is sufficient to improve knowledge base?

12 responses



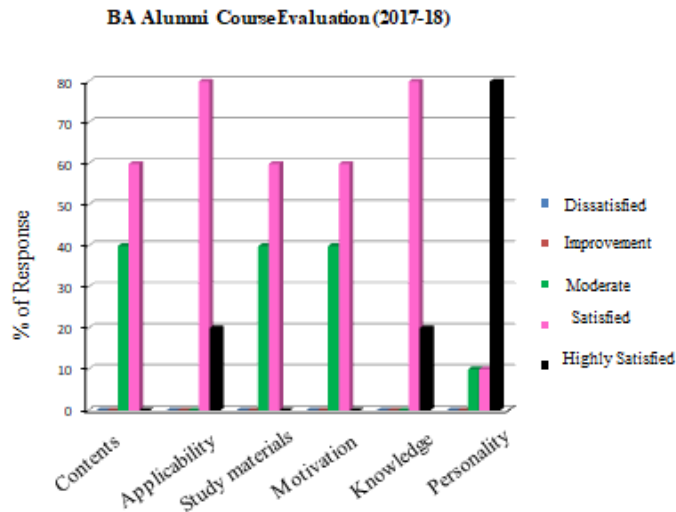
6. Whether the curriculum helping in developing your personality

12 responses



BA Alumni Course Evaluation (2017-18)

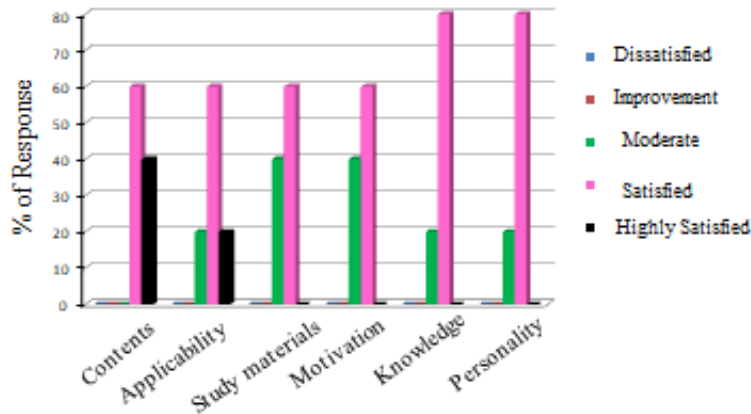
Alumni from Arts stream around 60% opined that they are satisfied with the contents of the course, its applicability and about study materials provided .



Around 80% alumni satisfied with course contribution towards their knowledge and motivation. Around 80% are highly satisfied with contribution of the course in their personality development .

BA Alumni Course Evaluation (2018-19)

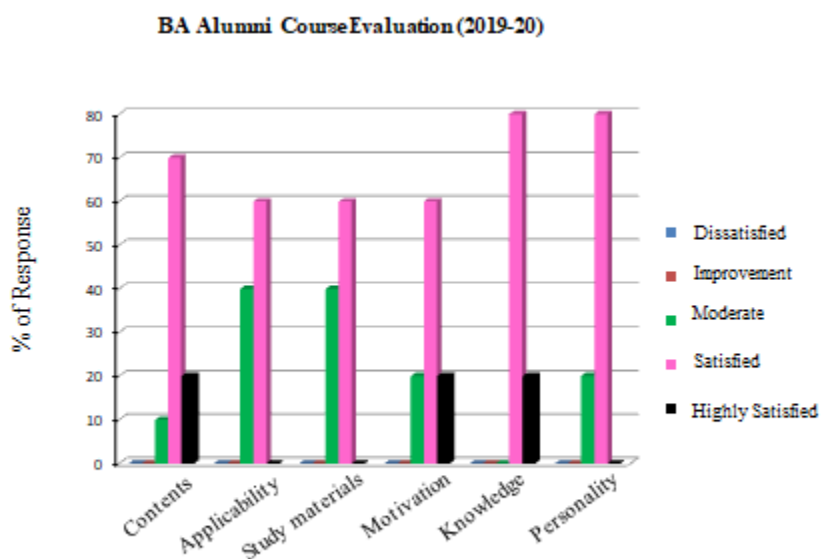
BA Alumni Course Evaluation (2018-19)



Alumni around 60% from BA are satisfied with the contents of the course, its applicability and about study materials provided. Around 80% alumni satisfied with course contribution towards their knowledge and motivation. Around 80% are highly satisfied with contribution of the course in their personality development.

BA Alumni Course Evaluation (2019-20)

Alumni from Arts around 70% having opinion that they are satisfied with the contents of the course, its applicability and about study materials provided. Around 80% alumni satisfied with course contribution towards their knowledge and motivation. Around 80% are satisfied with contribution of the course in their personality development.



TEACHERS FEEDBACK ON CURRICULUM

ANALYSIS –Year 2017-20

Teachers’ feedback is an important parameter for quality improvement of the curriculum and the quality of the student of institution. Teacher’s feedback on curriculum is received for the syllabus by IQAC , analyzed and necessary improvement in content incorporated in the curriculum design and syllabus.

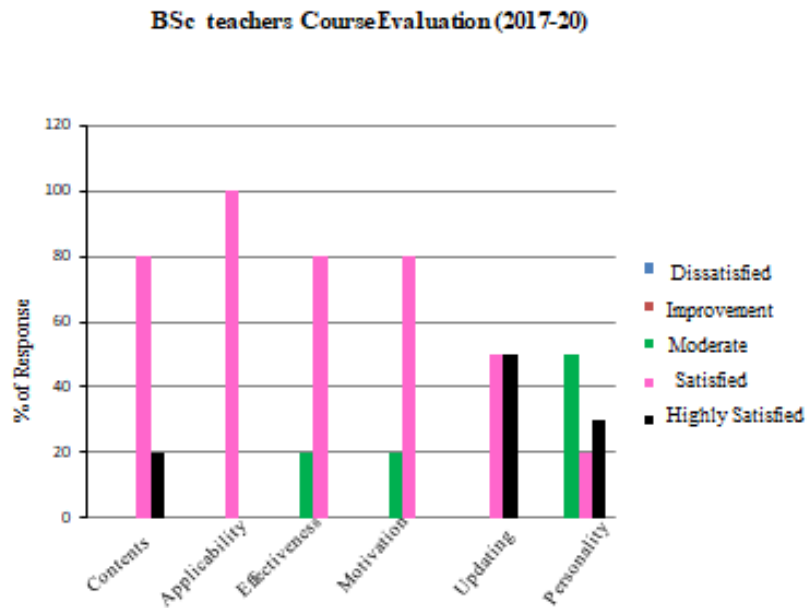
The following parameters are considered while obtaining feedback

- 1 Effectiveness of contents of the Syllabus
- 2 Applicability/relevance to real life/in science and technology/for career.
- 3 Effectiveness of contents of the Syllabus helpful students for competitive exams
- 4 Whether the course content motivates students to aspire for higher studies/research ?
- 5 Whether the course content is updated

6 Whether the curriculum helps in developing personality of the student

BSc curriculum analysis by teachers

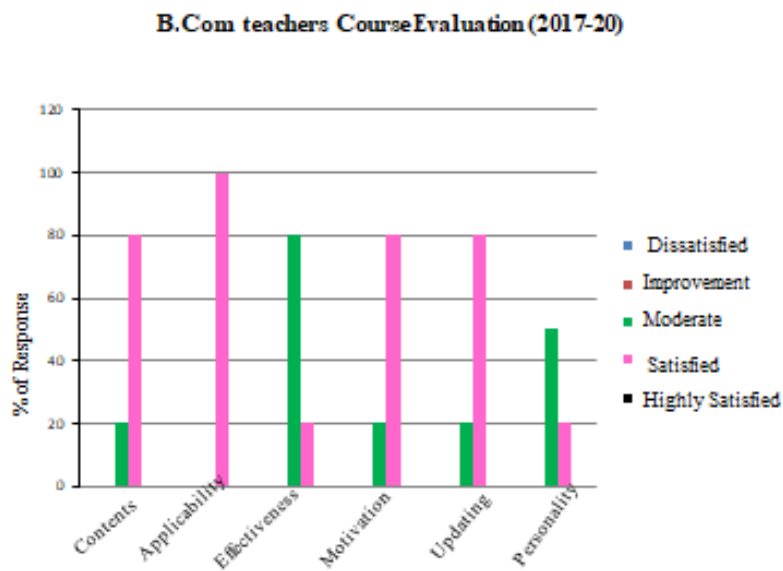
BSc teachers around 80% are satisfied with course contents. All are highly satisfied with the applicability and satisfied with respect to student motivation. 50% teachers satisfied with the updating and around 30% are highly satisfied with respect to personality development of students.



curriculum analysis by BCom teachers

BCom teachers around 80% are satisfied with course contents. All are satisfied with the applicability and with respect to student motivation. 80% teachers

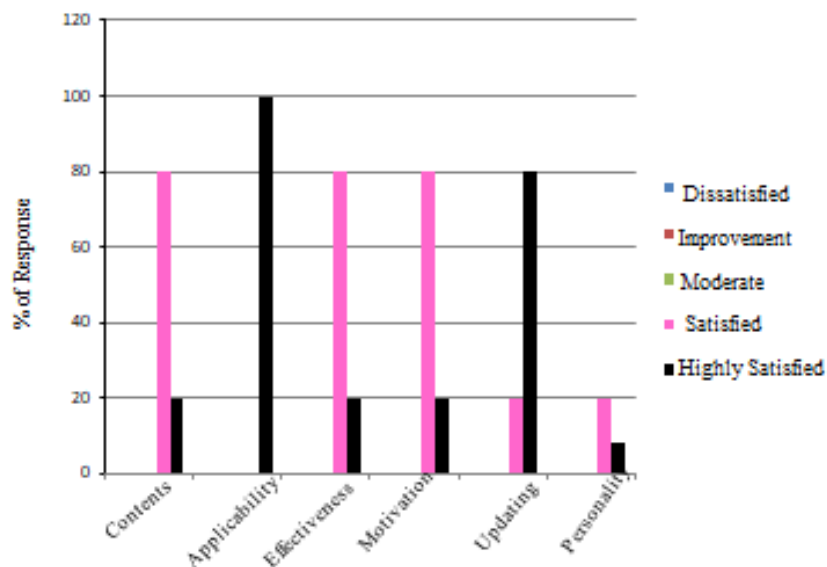
satisfied with the updating and around 30% teachers are satisfied with respect to personality development of students .



Curriculum analysis by BA teachers

BA teachers around 80% are satisfied with course contents. All are highly satisfied with the applicability, satisfied with respect to effectiveness of curriculum and student motivation. 80% teachers are highly satisfied with the updating and with respect to personality development of students .

BA teachers Course Evaluation (2017-20)



PARENTS FEEDBACK ON CURRICULUM

ANALYSIS –YEAR 2017-2020

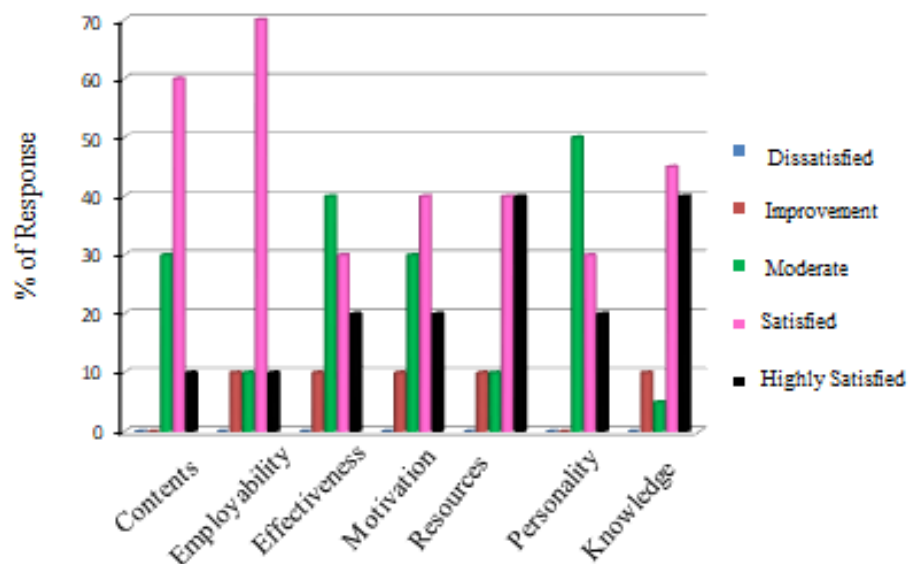
Parents are main stakeholder concerned with the future of their ward and thus play role in the development and enhancement of the quality of education. Feedback from parents allows evaluating whether the curriculum caters in providing service towards the students. The feedback collected, analysis was carried out and necessary action was taken by the IQAC.

The following parameters are considered while obtaining feedback

- 1 Syllabus of your ward having updated content
- 2 Does the syllabus enhance career or employability?
- 3 Effectiveness of the Syllabus helpful for competitive exams
- 4 Does the course content motivate your ward to aspire for higher studies/research?

- 5 Qualified teachers, adequate lab facilities and library resources
- 6 Whether the curriculum helps in developing personality of your ward
- 7 Academic atmosphere and overall opinion about college.

PARENTS FEEDBACK –YEAR 2017-18

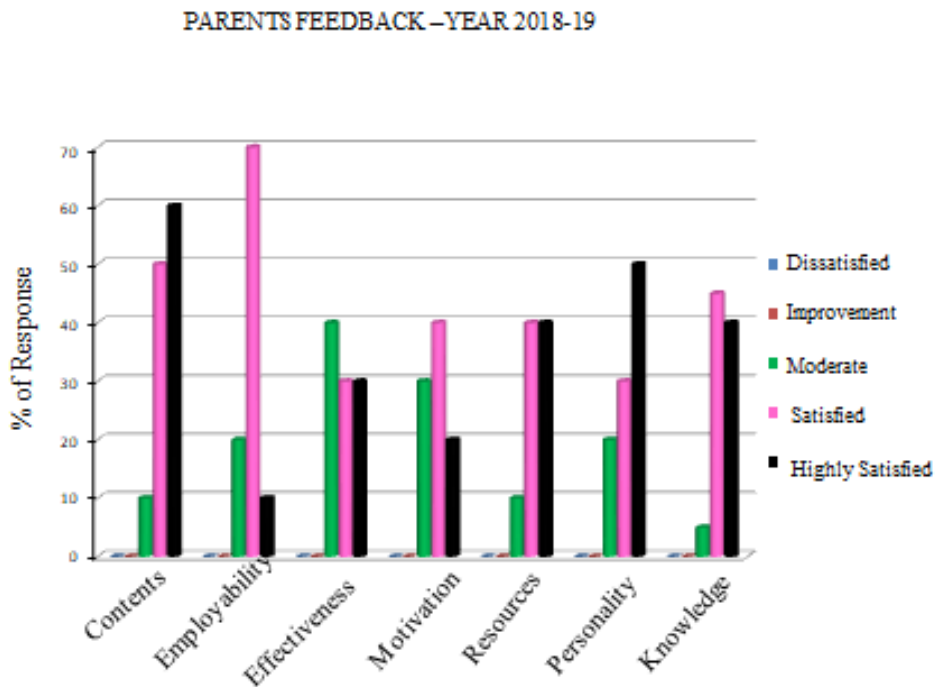


Majority parents (more than 50%) having the opinion that prescribed syllabus has an adequate updated and employability content. They think syllabus is of less helpful for students to face competitive exams .Around 40 % parents thinking that curriculum employed is adequately equipped with learning resources and motivate their ward. Parents are satisfied with respect to personality development and learning atmosphere provided by the Institution.

PARENTS FEEDBACK ON CURRICULUM –Year 2018-2019

Parents (more than 60%) are satisfied with prescribed syllabus has an adequate updated and employability content. They have an opinion that it will helpful students to face competitive exams .Around 40 % parents thinking that curriculum employed is adequately equipped with

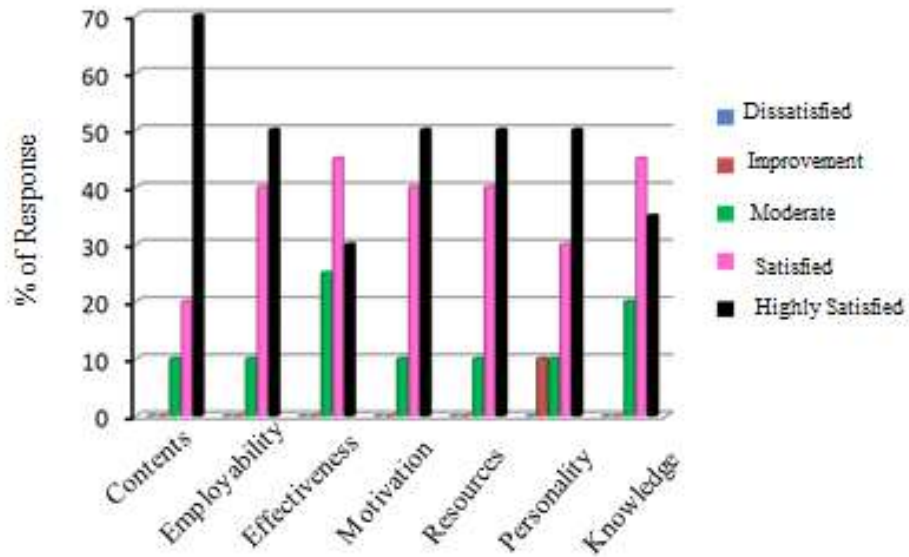
learning resources and motivate their ward. Around 50% Parents are satisfied with respect to personality development and learning atmosphere provided by the Institution.



PARENTS FEEDBACK ON CURRICULUM –Year 2019-2020

Parent fraternity (more than 60%) having the opinion that prescribed syllabus has an adequate updated and employability content. They think syllabus content is of less helpful for students to face competitive exams .Around 50 % parents thinking that curriculum employed is adequately equipped with learning resources and motivate their ward. Parents are satisfied with respect to personality development and learning atmosphere provided by the Institution.

PARENTS FEEDBACK –YEAR 2019-20



Action taken

Meetings were held at the department level, teacher's forum and BOS to implement the suggestions in the feedback. Activities conducted focusing better results and holistic development. Remedial coaching, Seminars and workshops are held for to make the curriculum delivery more effective.



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Dissertation Report

On

“SEMICONDUCTOR HETEROSTRUCTURES”

In the PHYSICS,

Prepared by Fifth Semester B.Sc., (2019 – 20) Students

1. KAVYAR	S1703394
2. NAMRATHAS	S1703426
3. SANDHYAYP	S1703482
4. SUSHMITHAMR	S1703516
5. VEENAMG	S1703531



Submitted to

Department of PHYSICS

DVS College of Arts and Science

Shivamogga – 577201

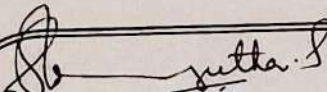


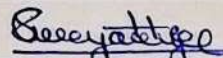
DEPARTMENT OF PHYSICS

DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **Ms. KAVYA R, NAMRATHA S, SANDHYA Y P, SUSHMITHA M R, VEENA M G** with register number **S1703394, S1703426, S1703482, S1703516, S1703531**, has satisfactorily completed the *Course of Dissertation / Project Work* entitled **SEMICONDUCTOR HETEROSTRUCTURES** in *Physics* as prescribed by the **Kuvempu University** for **B.Sc. V Semester**, during the academic year **2019-2020**.


Project Guide
SANGEETHA S


HOD of Physics

Signature of Examiners

1.

2.

Date of Examination :



Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



Dissertation Report

On

“BIOSENSORS AND BIOELECTRONICS”

In the PHYSICS,

Prepared by Fifth Semester B.Sc., (2019 – 20) Students

- | | |
|---------------------|----------|
| 1. CHAITHRA N S | S1703546 |
| 2. PRIYANKA K P | S1703460 |
| 3. RAKSHITHA H R | S1703468 |
| 4. SHEHANAZ S | S1703493 |
| 5. TASNIYA BANU T S | S1703521 |



Submitted to

Department of PHYSICS

DVS College of Arts and Science

Shivamogga – 577201



DEPARTMENT OF PHYSICS

DVS College of Arts and Science, Shivamogga -
577201

CERTIFICATE

This is to certify that **Ms. CHAITHRA N S, PRIYANKA K P, RAKSHITHA H R, SHEHANAZ S, TASNIYA BANU T S** with register number **S1703546, S1703460, S1703468, S1703493, S1703521** has satisfactorily completed the *Course of Dissertation / Project Work* entitled **BIOSENSORS AND BIOELECTRONICS** in *Physics* as prescribed by the **Kuvempu University** for **B.Sc. V Semester**, during the academic year **2019-2020**.

Project Guide

ANUSHA B M

Anusha B.M.
Signature of Examiners

1.

2.

Vijay H S
HOD of Physics

VIJAY H S

Date of Examination:



Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



Dissertation Report

On

“STRING THEORY”

In the PHYSICS,

Prepared by Fifth Semester B.Sc., (2019 – 20) Students

- | | |
|--------------------------|-------------------|
| 1. RAJASHREE.M.S | [S1703465] |
| 2. RAMYASHREE.T.G | [S1703474] |
| 3. SANJANA.J.M | [S1703487] |
| 4. SWAPNA.K.V | [S1703517] |



Submitted to

Department of PHYSICS

DVS College of Arts and Science

Shivamogga – 577201



DEPARTMENT OF PHYSICS

DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **Mr./Ms. RAJASHREE M S, RAMYA SHREE T G, SANJANA J M, SWAPNA K V** with register number **S1703465, S1703474, S1703487, S1703517** has satisfactorily completed the *Course of Dissertation / Project Work* entitled **STRING THEORY** in *Physics* as prescribed by the **Kuvempu University** for **B.Sc. V Semester**, during the academic year **2019-2020**.

Anelha B.M.

Project Guide

Beejathara

HOD of Physics

Signature of Examiners

1.

2.

Date of Examination :



KUVEMPU UNIVERSITY
DEPARTMENT OF ELECTRONICS



DVS COLLEGE OF ARTS & SCIENCE, SHIVMOGA-577201

A Project Report on

“SMART SPECT”

IN ELECTRONICS,

PREPARED BY SIXTH SEMESTER B.Sc. (2019-20)

STUDENTS

Submitted by

Deepika M S	S1703363
Hemanth Gowda G C	S1703384
Vidhya H P	S1703532

Submitted to

DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science

Shivamogga – 577201

2019-20



DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **DEEPIKA M S, HEMANTH GOWDA G C, VIDHYA H P** with register number **S1703363, S1703384 and S1703532** has satisfactorily completed the **Project Work** entitled "**SMART SPECT**" in **ELECTRONICS** as prescribed by the **Kuvempu University** for **B.Sc. VI Semester**, during the academic year **2019-2020**.

S.D.

**Project guide &
HOD of ELECTRONICS**

Signature of Examiners

1.

2.

VALUED
Signatures of 1)
Examiners 2)
Date <u>12/10/2020</u>

Date of Examination :



KUVEMPU UNIVERSITY
DEPARTMENT OF ELECTRONICS



DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

A Project Report on

“GAS LEAKAGE NOTIFICATION”

IN ELECTRONICS,

PREPARED BY SIXTH SEMESTER B.Sc –(2019–20)

STUDENTS

Submitted by

- | | |
|-----------------------------|-----------------|
| 1. PRAMOD J.P | S1703455 |
| 2. NANDITHA GIRISH G | S1703429 |
| 3. VIDYA T.H | S1703535 |
| 4. CHAITHRAM | S1703349 |

Submitted to

DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science

Shivamogga – 577201

2019-20



DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **Miss. NANDITHA GIRISH G, VIDYA T.H, CHAITHRA M, AND Mr. PRAMOD J.P.** with register number **S1703429, S1703535, S1703349 and S1703455** has satisfactorily completed the **Project Work** entitled "**GAS LEAKAGE NOTIFICATION**" in **ELECTRONICS** as prescribed by the **Kuvempu University** for **B.Sc. VI Semester**, during the academic year **2019-2020**.

S.D. [Signature]
**Project guide &
HOD of ELECTRONICS**

Signature of Examiners

- 1.
- 2.

VALUED
Signatures of 1) <i>SOD</i>
Examiners 2) <i>ATG</i>
Date <i>12/10/2020</i>

Date of Examination :



KUVEMPU UNIVERSITY
DEPARTMENT OF ELECTRONICS



DVS COLLEGE OF ARTS & SCIENCE, SHIVMOGA-577201

A Project Report on

“SMART LOCK”

IN ELECTRONICS,

PREPARED BY SIXTH SEMESTER B.Sc –(2019–20)

STUDENTS

Submitted by

G Chaitanya

S1703347

Nishath Kousar Khanum

S1703444

Keerthana B S

S1703396

Submitted to

DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science

Shivamogga – 577201

2019-20




DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **G CHAITHANYA, NISHATH KOUSAR KHANUM AND KEERTHANA B S** with register number **S1703347, S1703444 and S1703396** has satisfactorily completed the **Project Work** entitled **“SMART LOCK”** in **ELECTRONICS** as prescribed by the **Kuvempu University** for **B.Sc. VI Semester**, during the academic year **2019-2020**.


S.D. _____
Project guide &
HOD of ELECTRONICS

Signature of Examiners

1.

VALUED

Signatures of 1) _____

Examiners 2) _____

2.

Date 12/10/2020

Date of Examination :



KUVEMPU UNIVERSITY
DEPARTMENT OF ELECTRONICS



DVS COLLEGE OF ARTS & SCIENCE, SHIVMOGA-57201

A Project Report on

“CAPACITANCE METER”

IN ELECTRONICS,

PREPARED BY SIXTH SEMESTER B.Sc.-(2019-20)

STUDENTS

Submitted by-

- | | |
|------------------|----------|
| 1. DEEPA LAKSHMI | S1703361 |
| 2. HEMA JADAV P | S1703382 |
| 3. HEMA V | S1703383 |
| 4. KEERTHANA C | S1703397 |

Submitted to

DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science

Shivamogga - 57201

2019-20



DEPARTMENT OF ELECTRONICS
DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **Miss. DEEPA LAKSHMI, HEMA JADAV P, HEMA V, AND KEERTHANA C.** with register number **S1703361, S1703382, S1703383 and S1703397** has satisfactorily completed the **Project Work** entitled **“CAPACITANCE METER”** in **ELECTRONICS** as prescribed by the **Kuvempu University** for **B.Sc. VI Semester**, during the academic year **2019-2020**.

S. D.
**Project guide &
HOD of ELECTRONICS**

Signature of Examiners

1.

VALUED

Signatures of

1) *for*

Examiners

2) *Aty*

2.

Date *12/10/2020*

Date of Examination :



PROJECT REPORT

ON

"TOUCH DIMMER"

IN ELECTRONICS,

PREPARED BY SIXTH SEMESTER B.Sc -(2019-20)
STUDENTS

1. GIRISH H.



S1703374

2. HARISH N.

S1703377

3. SHIVARANJAN M.

S1703496



Submitted to



DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science

Shivamogga - 577201




DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **Mr. GIRISH H., HARISH N., AND SHIVARANJAN M.**, with register number **S1703374, S1703377 and S1703496** has satisfactorily completed the **Project Work** entitled **“TOUCH DIMMER”** in **ELECTRONICS** as prescribed by the **Kuvempu University** for **B.Sc. VI Semester**, during the academic year **2019-2020**.


**Project guide &
HOD of ELECTRONICS**

Signature of Examiners

1.

VALUED

Signatures of 1) 

Examiners 2) 

2.

Date 17/10/2020

Date of Examination :



**PROJECT REPORT
ON
"DOOR STATUS"**

IN ELECTRONICS.

**PREPARED BY SIXTH SEMESTER B.Sc -(2019-20)
STUDENTS**

- | | |
|-------------------------------|-----------------|
| 1. NIDA ANJUM | S1703437 |
| 2. NIDA SEHER | S1703438 |
| 3. SUMAIYA KHANUM | S1703508 |
| 4. UMME RAHMATH UNNISA | S1703527 |

Submitted to



DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science

Shivamogga - 577201



DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **MS. NIDA ANJUM, NIDA SEHER, SUMAIYA KHANUM, AND UMME RAHMATH UNNISA.** with register number **S1703437, S1703438, S1703508 and S1703527** has satisfactorily completed the **Project Work** entitled **“DOOR STATUS”** in **ELECTRONICS** as prescribed by the **Kuvempu University** for **B.Sc. VI Semester**, during the academic year **2019-2020.**

S.D.

**Project guide &
HOD of ELECTRONICS**

Signature of Examiners

1.

VALUED

Signatures of 1)

Examiners 2)

2.

Date 12/05/2020

Date of Examination :



PROJECT REPORT

ON

"LCD GAME"

IN ELECTRONICS,

PREPARED BY SIXTH SEMESTER B.Sc -(2019-20)
STUDENTS

- | | |
|-------------------|----------|
| 1. ARCHANA D. S. | S1703325 |
| 2. JEEVITHA D. J. | S1703386 |
| 3. NIHARIKA R. | S1703439 |



Submitted to

DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science

Shivamogga - 577201



DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science, Shivamogga – 577201

CERTIFICATE

This is to certify that **Ms ARCHANA D.S , JEEVITHA D.J ,**
AND NIHARIKA R. with register number **S1703325,**
S1703386, and S1703439 has satisfactorily completed the
Project Work entitled "**LCD GAME** " in **ELECTRONICS** as
prescribed by the **Kuvempu University** for **B.Sc. VI**
Semester, during the academic year **2019-2020**.

S.D.

**Project guide &
HOD of ELECTRONICS**

Signature of Examiners

1.

VALUED

Signatures of

1)

Examiners

2)

2.

Date *12/10/2020*

Date of Examination :



PROJECT REPORT
ON
"LED MEMORY GAME"

IN ELECTRONICS,

PREPARED BY SIXTH SEMESTER B.Sc -(2019-20)
STUDENTS

- | | |
|---------------------------|-----------------|
| 1. BINDU P. V. | S1703345 |
| 2. POOJA S. M. | S1703453 |
| 3. RAMYA SHETTY S. | S1703473 |
| 4. SOUNDARYA S. N. | S1703502 |



Submitted to

DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science

Shivamogga - 577201




DEPARTMENT OF ELECTRONICS

DVS College of Arts and Science, Shivamogga – 577201



CERTIFICATE

This is to certify that **Ms. BINDU P V., POOJA S M., RAMYA SHETTY S AND SOUNDARYA S N.**, with register number **S1703345, S1703453, S1703473 and S1703502** has satisfactorily completed the **Project Work** entitled "**LED MEMORY GAME**" in **ELECTRONICS** as prescribed by the **Kuvempu University** for **B.Sc. VI Semester**, during the academic year **2019-2020**.

S.D. 
Project guide &
HOD of ELECTRONICS

Signature of Examiners

- 1.
- 2.

VALUED
Signatures of 1) 
Examiners 2) 
Date <u>12/10/2020</u>

Date of Examination :



DVS COLLEGE OF ARTS AND SCIENCE

Department of Computer science

Shimoga

CERTIFICATE

“ADVANCE TOURIST GUIDE”

Project Associates

Avishree H K	S1703336
Nagashree S S	S1703423
Rakshitha S	S1703470
Sharvani H C	S1703492

The student of VI semester B.Sc, under the super vision and guidance towards the partial fulfillment of the requirement for the award of the degree of Bachelor of science in computer science of kuvempu University ,Shankarghatta, during the year 2019-20

Guide

Mr. Syed Asim K
Assistant Professor

Head of Department

Mrs. Nethavathi H M.tech, M.phil
Assistant Professor & Head, Department of CS
Head department of Computer Science
D. V. S. College of Arts & Science
Shimoga - 577 201,

Signature of examiners

Department of Computer Science
D. V. S. College of Arts & Science.

2 VALUED

Examiners :

1) -----

2) -----

Date

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

"FAKE NEWS DETECTION"

Submitted in partial fulfillment of the requirement for the award of the Degree of "Bachelor of Science" (B.Sc.,) by Kuvempu University.

Submitted By

Gagana D M	S1703547
Ramya S	S1703472
Sandhya Y P	S1703482
Spoorthi G M	S1703503

UNDER THE GUIDANCE OF

Miss. Rakshitha.H.J M.Sc

Assistant Professor

Department of Computer Science



DVS College of Arts and Science

Shimoga – 577201

2019 – 2020



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“ALUMNI MANAGEMENT SYSTEM”

In the partial fulfilment of the requirement for the award of Degree of 6th
Semester, Bachelor of Science during the year 2019-20

Submitted By

KAVYA R	S1703394
NAMRATHA S	S1703426
SAYEEMA KOUSER	S1703490
TANAAZ FATHIMA	S1703520
VEENA M G	S1703531

Under the Guidance of

Ms. RAKSHITHA H J, M.Sc
Assistant Professor Department of Computer Science

DEPARTMENT OF COMPUTER SCIENCE



DVS College of Arts and Science
Shivamogga – 577201

2019-2020

DEGREE AWARDED BY



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“VISUAL CRYPTOGRAPHY”

Submitted in partial fulfillment of the requirement for the award of the Degree of “Bachelor of Science” (B.Sc.,) by Kuvempu University.

Submitted By

ANUSHA S C	S1703322
DAKSHAYINI A	S1703355
JNANESHWARI B J	S1703387
SANGEETHA K.	S1703484

UNDER THE GUIDANCE OF

Miss. Rakshitha.H.J M.Sc
Assistant Professor
Department of Computer Science



DVS College of Arts and Science
Shimoga – 577201
2019 – 2020

Deshiya Vidya Shala



DVS COLLEGE OF ARTS AND SCIENCE
Department of Computer science
Shimoga

CERTIFICATE

This is to certify that the project work entitled

“IMAGE STEAGNOGRAPHY BY PYTHON”

Project Associates:

Darshan Jain S V	S1703357
Harsha N P	S1703378
Manjunath K	S1704113
Pramod G V	S1703463

The student of VI semester B.Sc, under the supervision and guidance towards the partial fulfilment of the requirement for the award of the degree of Bachelor of science in computer science of Kuvempu University, Shankarghatta, during the year 2019-20.

Guide

Mr. Syed Asim K, M.Sc

Department of Computer Science
Assistant Professor, Dept. of CS
D. V. S. College of Arts & Science

Signature **WALUAD**

1. Examiners :

2.

1) _____

Head of Department

Head department of Computer Science

D. V. S. College of Arts & Science

Shimoga - 577 201,
Mrs. Nethavathi H, M.Tech, M.Phil

Assistant Professor & Head,
Dept. of CS



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



**DVS College of Arts and Science
Shivamogga – 577201**



A Project Report On

“REAL TIME OBJECT DETECTION”

**In the partial fulfilment of the Requirement for the award of Degree of 6th
Semester, Bachelor of Science during the year 2019-20**

Submitted By

KISHOR G HOSUR	S1703402
MAHESH KOTI S	S1703408
SANKETH H P	S1703489
SUKESH K T	S1703835

Under the Guidance of

**Mr. SYED ASIM K., M.Sc
Assistant Professor,
Department of Computer Science**

DEPARTMENT OF COMPUTER SCIENCE

**DVS College of Arts and Science
Shivamogga – 577201**

2019-2020



DEGREE AWARDED BY
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With 'A' Grade



A Project Report On

E-LEARNING

Submitted in partial fulfillment of the requirement for the award of the degree of "Bachelor of Computer Application" (BCA) by Kuvempu University.

Project Associates

MAHESH M	BC170427
SHREESHA K V	BC170448
MOHANA N T	BC170430
RAKESH G H	BC170437
HEMAVATHI T M	BC170422

Under the Guidance of

Mr. MANGESH S PAI MCA.,

Assistant Professor



Department of Computer Science
DVS College of Arts and Science
Shivamogga - 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

**“FACE AND EMOTION RECOGNITION USING
MACHINE LEARNING”**

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

SABA MUSKAN S	(BC170439)
HUSNA	(BC170467)
SYEDA TAHIRA	(BC170461)
VIDYASHREE	(BC170464)

Under the Guidance of

Mr. SYED ASIM M.Sc

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY

Accredited by NAAC With "A" Grade



A Project Report On

“ANDROID BASED SMARTCITY”

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

USMAN PASHA	BC170462
MOHAMMED SADIQ	BC170429
PARVEEZ KHAN	BC170432
JEEVAN N	BC170423

Under the Guidance of

Mr. SYED ASIM M.Sc

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

"DIGITAL FILE LOCKER"

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

PRABHU S	(BC170435)
ABHISHEK P	(BC170404)
AVINASH R	(BC170410)
NAVEENA S	(BC170431)

Under the Guidance of

Mr. SYED ASIM K M.Sc

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“ONLINE PLAZA”

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

AKASH Y	(BC170406)
MALLIKARJUNA B	(BC170428)
SNEHA S	(BC170450)
SURAKSHA S NAVALE	(BC170460)

Under the Guidance of

Mr. MANGESH S PAI MCA.,

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY

Accredited by NAAC With "A" Grade



A Project Report On

**“DATA AND DOCUMENT STORAGE SECURITY IN
CLOUD COMPUTING”**

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

ABHILASHA B A	BC170401
HARSHINI M T	BC170420
KAVANA C V	BC170425
SOWMYA H U	BC170452

Under the Guidance of

Mr. BASAVARAJ C M M.Sc.,

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“COLLEGE PORTAL”

**Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.**

Submitted by

ABHISHEK G REVANKAR	BC170403
BHARATH KUMAR L	BC170412
ANANYA A	BC170407

Under the Guidance of

Mr. MANGESH PAI MCA.,
Assistant Professor
Department of Computer Science
DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“QR CODE BASED SMART CHECKPOST”

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

DARSHAN .G.S

(BC170416)

Under the Guidance of

Mr. MANGESH S PAI MCA

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“WOMEN SAFETY APPLICATION ON ANDROID”

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

POOJA B S	(BC170433)
SUPRIYA J	(BC170459)
SUCHETHA K R	(BC170454)

Under the Guidance of

Mr. MANGESH S PAI MCA.,

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“ONLINE FARMERS SHOP”

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

POOJA M M	[BC170434]
SANDHYA G K	[BC170443]
SHREYANKA K V	[BC170449]
YASHASWINI H S	[BC170466]

Under the Guidance of

Mr. MANGESH S PAI MCA.,

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC with "A" Grade



A Project Report On
"Fingerprint Locker using Aurdino"

Submitted in partial fulfillment of the requirement for the
award of the degree of " Bachelor of Computer Application"
(BCA) by Kuvempu University.

Submitted By

Sandeep B
(BC170442)

Basavaraj Nadiger
(BC170411)

Sujith T
(BC170457)

Sujeeth G S
(BC170456)

Subramanya K A
(BC170453)

Under the Guidance of

Mr. Basavaraj C M Msc

Assistant Professor

Department of Computer Science



DVS College of Arts and Science

Shivamogga - 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“QR CODE BASED SMART CHECKPOST”

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

DHANANJAYA.T.V

(BC170417)

Under the Guidance of

Mr. MANGESH S PAI MCA

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC with "A" Grade



A Project Report On

"QR CODE BASED SMART CHECKPOST"

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

GAGANA D.N	(BC170418)
DARSHAN .G.S	(BC170416)
DHANANJAYA.T.V	(BC170417)

Under the Guidance of

Mr. MANGESH S PAI MCA.,

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

**Implementation of Cop Assist for Handling Emergency
and Patrolling**

Submitted in partial fulfillment of the requirement for the
award of the degree of "Bachelor of Computer Applications" (BCA) by
Kuvempu University.

Submitted By,

SHARATH KUMAR B N	(BC170445)
CHANDAN S J	(BC170415)
SAGAR H C	(BC170440)
SANJANA H J	(BC170444)

Under the Guidance of

Mr. SYED ASIM K. MSc.

Assistant Professor

Department of Computer Science



DVS College of Arts and Science

Shimoga - 577201

2019 - 2020

DEGREE AWARDED BY



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

**"ONLINE EXAMINATION AND SEATING
ALLOTMENT"**

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

SUCHITHRA V	BC170455
SHASHIKALA V	BC170446
BINDU G	BC170414
SUPRITHA N V	BC170458

Under the Guidance of

Mr. BASAVARAJ C M M.Sc.,

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020

DEGREE AWARDED BY



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



A Project Report On

“MOBILE THEFT IDENTIFICATION”

Project work submitted in complete fulfillment of the requirements for
the award of the degree in Bachelor of Computer Application.

Submitted by

HARSHA B	BC170419
KARTHIK D	BC170424
SONALI ANKOLEKAR	BC170451
VRANDA KAMAT	BC170465

Under the Guidance of

Mr. BASAVARAJ C M M.Sc.,

Assistant Professor

Department of Computer Science

DVS College of Arts and Science Shimoga – 577201



Department of Computer Science
DVS College of Arts and Science
Shimoga – 577201

2019 - 2020



Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



Department of Zoology
D.V.S. College of Arts and Science
Shimoga – 577201

CERTIFICATE

This is to certify that Mr Amith Kumar C A, Mr Chetankumar H B, Mr Nischith M, Mr Punith V, Mr Sudeendra H R, Mr Vijay kumar M N, Mr Vishwanath C M, has satisfactorily completed the Project work entitled **"QUALITATIVE ANALYSIS OF THE WATER AND BLOOD COMPOSITION OF CATLA CATLA FROM TUNGA AND BHADRA RIVER"**, submitted in partial fulfillment of the requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.,)** prescribed by the Kuvempu University, Shimoga, during the academic year 2016 – 17.

H.O.D. of Zoology
N. Kumara Swamy

D.V.S. College of Arts and Science
Shimoga – 577201

Principal
Dr. Geetha Samak

D.V.S. College of Arts and Science
Shimoga – 577201

N. Kumaraswamy, M.Sc., M.Phil.,
Asst. Professor
Head, Department of Zoology
D.V.S. College of Arts & Science
SHIVAMOGGA.

Guide

External Examiner

Mr. N. Kumara Swamy M.Sc., M.Phil

Mrs. Pruthvi. K. J M.Sc.,

Miss. Ranjitha.N M.Sc.,

VALIDED
B.Sc. Practical Examinations
Examiners

CERTIFICATE

This is to certify that project entitled "**CHEMICAL FERTILIZERS AND PESTICIDES ON EARTHWORM**" submitted by Anusha P K (S1403319), Bhagya O M G (S1403329), Chinmayi K A (S1403348), Gayathri Devi T (S1403354), Keerthi G (S1403376), Madhura S (S1403384), Navya G (S1403408), Ranjitha H (S1403440), Shayesta S Godiyal (S1403462). Under my guidance and supervision, as partial fulfilment for completion of 5th semester and award for bachelor of science (CBZ) from Kuvempu university, for the academic year 2016-2017.

This project or any part of it has not been previously submitted for the award of any other degree, diploma or similar title project work.

Date:

GUIDE

Place: Shivamogga

Mr. N. Kumarswamy M.Sc., M.Phil.,

(Department of Zoology)

DVS College of Arts and Science,

Shivamogga.

DVS COLLEGE OF ARTS AND SCIENCE

Shimoga - 577 201



DEPARTMENT OF ZOOLOGY

CERTIFICATE

This is to certify that project entitled "COMPARATIVE NUTRITIVE EVALUATION OF MRIGAL SPECIES OF THUNGA AND BHADRA RIVER BASINS " carried out by Suman babu.C.M (S1403479), Mallikarjun.M (S1403388), Girish.C.M (S1403356), Nandish.S.H (S1403513) Darshan kumar.T (S140), Bhanuprakash.K.E(S1403332),and Mithun kumar(S140340350) submitted in partial fulfillment of required award Bachelor of Science (CBZ), Kuvempu University, for academic year 2016-2017. The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work prescribed for the award of above said degree.

GUIDE:
Prof. N.KUMARSWAMY
Dept. of Zoology
D.V.S. College of arts and science
SHIVAMOGGA.



Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



DEPARTMENT OF ZOOLOGY

D.V.S College of Arts and Science

Shimogga-577203

CERTIFICATE

This is to certify that the project entitled "POULTRY FEEDING MANAGEMENT" has been carried out by the students of fifth semester B.Sc course under supervision and guidance of Mr. N. KUMAR SWAMY This project is submitted in partial fulfillment for the award of the degree of bachelor of Science during the academic year 2016-2017. We further clarify that the work is original and has been submitted to Kuvempu University.

Submitted By:

KAVERI.D

MAMATHA.G.D

MEGHANA.L

PREETHI.C

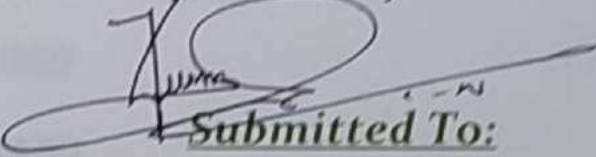
RAKSHA.D.M

RAKSHITHA.N

ROOPA.B.N

SONA.G.S

SUSHMA.S


Submitted To:

Prof. N. Kumar Swamy

Head of the department

Department of zoology

D.V.S College of Arts and Science,

Shivamogga

N. Kumaraswamy, M.Sc., M.Phil.,

Asst. Professor

Head, Department of Zoology

D.V.S. College of Arts & Science

SHIVAMOGGA.

**DVS College of Arts and Science
Shivamogga**



CERTIFICATE

Certified that the project work entitled "A survey on Apiculture practices in and around Shivamogga" carried out by Nayana K R , Pallavi S, Pavithra R, Sharadha R , Shruthi K J , Sneha S M , Tejaswini M partial fulfillment for the award of degree of Bachelor of Science (B.Sc.) by KUVEMPU UNIVERSITY, during the year 2016-2017. The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work prescribed for the award of said degree.

Signature of Guide

Prof. N. Kumaraswamy
Head of the Department
Department of Zoology

Examiners :

N. Kumaraswamy .M.Sc., M.Phil.,
Asst. Professor
Head, Department of Zoology
D.V.S. College of Arts & Science
SHIVAMOGGA.

1)

2)

VALUED	
B.Sc.. Practical Examinations	
Examiners:	
1.	.N. 26
2.	
Date:



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

CERTIFICATE

This is to certify that the project work entitled "**SURVEY OF PREVALENT CANCER IN SHIVAMOGGA**" has been carried out Afreen, Aisha A, Aleena Nawaz , Bi Bi Aisha, Kashufta Misreena , Khuteja Banu S, Niha Iskrath Khan, Padmashree T , Subhiya Khanum, B.Sc V semester students under my guidance towards the partial fulfillment of the requirement for the award of Degree in Bachelor of Science DVS college of arts and Science, Shivamogga during the year 2016-2017.

**Under the Guidance of
Dr. Geetha Samak**

Mr .N Kumaraswamy

**Department of Zoology
D V S college of Arts and Science
Shivamogga-577201**

**Place:- shimoga
Shimoga – 577201**

Principal

D V S College of Arts and Science

Shivamogga-577201

Examiners : 1).....

2)



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS AND SCIENCE
SHIMOGA
CERTIFICATE

This is to certify that project entitled “**SURVEY OF GENETIC DISEASES IN KARNATAKA IN GENERAL AND SHIVAMOGGA IN PARTICULAR**” Submitted by **AISHWARYA J.S., AKSHATHA A.S., AKSHATHA P., ANJANA T.P., ARCHANA S., JYOTHI S.K., MONIKA M.** to the Department of Zoology, D.V.S College of Arts and Science Shimoga, Under the supervision of faculties of Department of Zoology D.V.S. College of Arts and Science, Shimoga during the year 2017-2018.

Under the Guidance of

Dr. GEETHA SAMAK

Mr. KUMARASWAMY N.

Mrs. PRUTHVI K.J.

Department of Zoology
D V S college of Arts and Science
Shimoga-577201



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

**DVS COLLEGE OF ARTS AND SCIENCE
SHIMOGA**

CERTIFICATE

This is to certify that project entitled

“BIODIVERSITY OF SNAKES IN SHIVAMOGGA”

Submitted BY Ajay M K, Basavesh K M, Deepak C R, Gajendra D, Mohamed Zakir Hussain, Rakesh I Huller to the Department of Zoology ,D.V.S College of Arts and Science Shivamogga, Under the supervision of faculties of Department of Zoology D.V.S. College of Arts and Science, Shivamogga during the year 2017-2018.

Under the Guidance of

Dr. Geetha Samak

Mr. N. Kumaraswamy

Mrs. Pruthvi K. J.

Department of Zoology

D V S college of Arts and Science

Shivamogga-577201

Examiners: 1)..... 2).....



Kuvempu University

DEPARTMENT OF ZOOLOGY



**DVS COLLEGE OF ARTS AND SCIENCE
SHIMOGA**

CERTIFICATE

This is to certify that project entitled

**“RESTORING TROPICAL BIODIVERSITY USING SEED BALL
TECHNOLOGY”**

Submitted by *Ashik.N.S, Darshan.B.K, Dasharatha.M.S, Maruthi.C.H, Udaykumar.V.K* to the Department of Zoology, D.V.S College of Arts and Science Shimoga ,Under the supervision of faculties of Department of Zoology D.V.S. College of Arts and Science, Shimoga during the year 2017-2018.

Under the Guidance of:-

Valuers

Dr.Geetha Samak

1.

Mr.N Kumaraswamy

2.

Mrs.Pruthvi K.J

Department of Zoology

D V S college of Arts and Science

Shimoga-577201.



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY
DVS COLLEGE OF ARTS & SCIENCE, SHIVAMOGGA,-577201

CERTIFICATE

This is to certify that project entitled

**"EVALATION OF VITAMIN-C PRESENT IN LESSER KNOWN
FRUITS AND VEGETABLES
OF WESTERN GHATS OF KARNATAKA"**

Submitted by **VANI R B.** to the Department of Zoology, D.V.S College of Arts and Science Shivamogga, under the supervision of faculties of Department of Zoology D.V.S. College of Arts and Science, Shivamogga, during the year 2017-2018

Under the Guidance of

DR. GEETHA SAMAK

MR. N KUMARASWAMY

MRS. PRUTHVI K J

Department of Zoology

D V S college of Arts and Science

Shimoga-577201



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS AND SCIENCE
SHIMOGA
CERTIFICATE

This is to certify that project entitled "SURVEY OF CANCER AWARENESS AMONG PEOPLE IN SHIVAMOGGA" Submitted by **HALESHWARI B.P, KAVYASHREE V.S, POORNIMA.S, PRIYA CHARLES.V, RAAHELA SHABREEN, SANDHYA B** to the Department of Zoology, D.V.S College of Arts and Science Shimoga, Under the supervision of faculties of Department of Zoology D.V.S. College of Arts and Science, Shimoga during the year 2017-2018.

Under the Guidance of

Dr. GEETHA SAMAK

VALUED

Mr. KUMARASWAMY N.

B.Sc., Practical Examinations

Mrs. PRUTHVI K.J.

Examiners :-

1.

Department of Zoology

2.

D V S college of Arts and Science

Shimoga-577201

22/10/17



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS AND SCIENCE
SHIMOGA

CERTIFICATE

This is to certify that project entitled "***A STUDY ON PHYSICAL AND BIOLOGICAL NATURE AND FOOD CHAINS OF FIVE PONDS OF SHIVAMOGGA DISTRICT***" Submitted by ***Khadira Saniya Afreen Naik, Kiran H., Lohith Kumar M. K., Sufiya Anjum, Tahura Begum S.*** to the Department of Zoology, D.V.S College of Arts and Science Shimoga, Under the supervision of faculties of Department of Zoology D.V.S. College of Arts and Science, Shimoga during the year 2017-2018.

Under the Guidance of

Dr. GEETHA SAMAK

Mr. KUMARASWAMY N.

Mrs. PRUTHVI K.J.

Department of Zoology
D V S college of Arts and Science
Shimoga-577201



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS & SCIENCE, SHIVAMOGGA,-577201

CERTIFICATE

This is to certify that project entitled

**“EFFECT OF SUGAR AND PH ON THE
DEVELOPMENT OF DROSOPHILA MELANOGASTER”**

Submitted by ASMA, MANDARA, MANGALA, MEGHANA,
NAGHMA, NOORUL AIN, POOJA to the Department of Zoology,
D.V.S College of Arts and Science Shivamogga, under the supervision of
faculties of Department of Zoology D.V.S. College of Arts and Science,
Shivamogga, during the year 2017-2018

Under the Guidance of

Principal

Dr. GEETHA SAMAK

Mr.N.KUMARASWAMY

Mrs.PRUTHVI.K. J

Department of Zoology

D V S college of Arts and Science

Shimoga-577201.

DVS College of Arts and Science,

Shimoga-577201.



Kuvempu University



DEPARTMENT OF ZOOLOGY
DVS COLLEGE OF ARTS AND SCIENCE
SHIMOGA

This is to certify that project entitled

Earthworm Biology: A Study on Factors Affecting Regeneration in Earthworms

Submitted by **SANTHOSH KUMAR, SHREEKRUPA N R, SHWETHA M, SHWETHA M, SUNIL B, SUPRIYA T.** to the Department of Zoology ,D.V.S College of Arts and Science Shivamogga ,Under the supervision of faculties of Department of Zoology D.V.S. College of Arts and Science, Shivamogga during the year 2017-2018

Dr Under the Guidance of

.Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE


This is to certify that project entitled **SURVEY OF PREVALENT POULTRY DISEASES IN SHIVAMOGGA** submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of research/project work done by Ms. **NAZNEEN TAJ (S1603400)**, **MADEEHA FARHEEN (S1603374)**, **NOOR FATHIMA (S1603412)**, **AMEENA MAHIN S (S1603307)**, **FARHEEN BANU M (S1603353)**, **SUSHMA T S (S1503506)** during the period of study 2018-2019 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

 26/4/18.

Examiners

1.

2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **INSECT PESTS OF MAIZE CROP IN SHIVAMOGGA REGION**, submitted in partial fulfilment of the requirements for the degree of BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY , D.V.S College of Arts and Science Shivamogga, affiliated to KUVEMPU UNIVERSITY is a bonafide record of research/ project work done by **Ms. Amruthah. A (S1603308), Ms. Ananya P.S (S1603309), Ms. Anujna D. Rao (S1603311), Ms. Archana K. S (S1603318), Ms. Arpitha. H (S1603319), Ms. Ramya .N (S1603448)**, during the period of study 2018-2019 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

1.

2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



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DEPARTMENT OF ZOOLOGY



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DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled NITRATE CONCENTRATION IN SHIVAMOGGA WATERS AND VEGETABLES : CAUSE FOR CONCERN? submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of research/project work done by Mr/Ms APOORVA JOIS.D.N (S1603317), CHAITRA.H.C (S1603337), FAHIMUNNISA (S1603352), MYTHREYI.R (S1603392), PREEHI.N.M (S1603429), PRIYA PRABHU (S1603431), during the period of study 2018-2019 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr.Geetha Samak

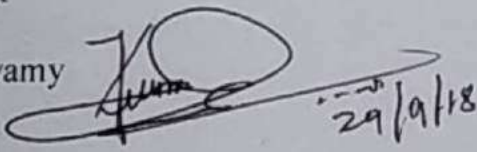
Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

1.

2.


29/9/18

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

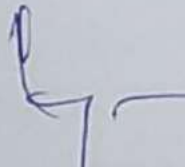
CERTIFICATE

This is to certify that project entitled **DIVERSITY OF FROGS IN SHIVAMOGGA DISTRICT** submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc.CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of research/project work done by **Ms. Basavashree S P (S1603325), Ms. Bindu C M (S1603331), Ms. Prajwal Patil G T (S1603421), Mr. Yashas G A (S1603542)** during the period of study 2018-2019 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

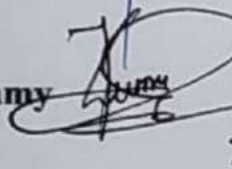
Guidance

Examiners

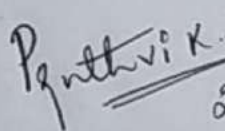
Dr. Geetha Samak


28/9/18 1.

Mr. N Kumaraswamy


28.09.18 2.

Mrs. Pruthvi K J


28/9/18

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY




DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **TARDIGRADES, THE EXTREME SURVIVORS** submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc.CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of research/project work done by **ROOPASHREE H R (S1603456), SAHANA H R (S1603460), SAMYUKTA PAI M (S1603465), SANKARSHANA R N (S1603472), SREELAXMI R (S1603506), VIDYAYASHASWINI G H (S1603532)** during the period of study 2018-2019 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

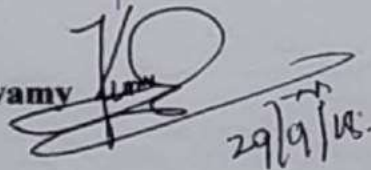
Guidance

Dr. Geetha Samak


29/9/18

1.

Mr. N Kumaraswamy


29/9/18.

2.

Mrs. Pruthvi K J

Examiners

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled **SURVEY OF HIV/AIDS AWARENESS AMONG PEOPLE IN SHIVAMOGGA** submitted in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc.CBZ)** in **DEPARTMENT OF ZOOLOGY**, D.V.S College of Arts and Science Shivamogga affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of research/project work done by **Mr/Ms Roopa P Gaviyappa navara (S1603455), Shivakumar M.L (S1603482), Sinchana H.R (S1603491), Sinchana K.S (S1603493), Sukanya S (S1603507), VIRESHA T.N (S1603539)**, during the period of study 2018-2019 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.ss

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

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2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled A STUDY ON SOME EARTHWORM SPECIES OF WESTERN GHATS AND THEIR REGENERATION submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of research/project work done by Mr/Ms **RANJITHA M (S1603445), RASHMI .Y(S1603449), RISHMA(S1603452), SANGEETHA .K .L (S1603469), SHREERAMANA(S1603485), SHWETHA .P. HIREMATH (S1603488), UDAY KUMAR .L.M (S1603523)** during the period of study 2018-2019 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Examiners

Dr. Geetha Samak

1.

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Department of Zoology

D V S college of Arts and Science

Shivamogga-577201



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled A STUDY ON BIOLOGY AND BEHAVIOR OF SIAMESE FIGHTING FISH, *BETTA SPLENDENS* submitted in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga affiliated to KUVEMPU UNIVERSITY is a bonafide record of research/project work done by Mr / Ms **SUMA J.T (S1603508), SYEDA ALFAINE S.A (S1603518), SYEDA AYISHA AMREEN (S1603519), SYEDA JUVERIA ANJUM (S1603520), TANUJA D M (S1603521), UMME HANI (S1603524)** during the period of study 2018-2019 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Examiners

Dr.Geetha Samak

1.

Mr. N Kumaraswamy

2.

Mrs. Pruthvi K J

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled "*A Study on Culturing, Sensory and Behavioral aspects of Drosophila Flies*" submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **Ms. Ankitha H Patel Reg. No. S1703308, Ms. Anusha B S Reg. No. S1703313, Ms. Bhoomika S P Reg. No. S1703338, Ms. Bindu K B Reg. No.S1703344, Ms. Deepika K N Reg. No.S1703362** during the period of study 2019-2020 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr.Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

1.

2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY

DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled *A Study on soil nematodes diversity*, submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc.CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **Ms.Aiman sadaf (S1703302)**, **Bi Bi Afifa(S1703340)**, **Bi Bi Raheema(S1703343)**, **Firdose Sultana(S1703371)**, during the period of study 2019-2020 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr.Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Pruthvi K.J.
5/10/19

Examiners

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2.



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS AND SCIENCE SHIVAMOGGA

CERTIFICATE

This is to certify that project entitled *A Study on the Pattern and Architecture of Spider Web.* submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc.CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **Ms. Divya M S1703368, Ms. Divya G S1703367, Ms. Dhanyashri A S S1703366, Ms. Deeksha H S S1703360 Ms. Kavya K R S1703392 & Ms. Chandana K M S1703350** during the period of study 2019-2020 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr.Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

1.

2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS, SCIENCE & COMMERCE
SHIVAMOGGA-577201

A PROJECT REPORT ON
“BIRDS BIODIVERSITY OF SHIMOGA
DISTRICT”

Submitted to the Department of Zoology

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE SHIVAMOGGA
for the partial fulfillment of the requirement for the BACHELOR OF
SCIENCE (BSc. CBZ)

Submitted by

NIKHIL KUMAR M N	S1803412
VISHNU V	S1803509
BENJAMIN GLADSON	S1803515
MANU S C	S1803524

Under the guidance of

FACULTIES

Department of Zoology
D V S College of Arts & Science
Shivamogga-577201

2021



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled **"EFFECTS OF SOME ECOLOGICAL FACTORS ON TADPOLE DEVELOPMENT"** submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **Pooja. C (S1803422), Spandana. H Y (S1803478), Bindu. S (S1803338), Prathvi (S1803432), Vinitha. L (S1803543)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

1.

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Pruthvi K.J.
31/7/21



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled **“FOOD HABITS AND KNOWLEDGE DIABETES IN PEOPLE OF SHIVAMOGGA-A STUDY”** submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **KAVYA D R (S1803521), SINCHANA S R (S1803471), SPOORTHI M S (S1803480) & THANUSHREE G S (S1803497)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

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KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled "**HEALTH AND OTHER BENEFITS OF INDIGENOUS MILK BREEDS**" .submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **HARSHA M (S1803368), MADHUSUDHAN B S (S1803387), DARSHAN B (S1803351), CHIRANTH R C (S1803516), MANJUNATH M B (S1803391)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr.Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

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KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS & SCIENCE, SHIMOGA-577201

CERTIFICATE

This is to certify that project entitled *Microbial Treatment of Tertiary Effluent of Sewage Water* submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc.CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **Mr. H.S. Anirudh Srinivas Reg. No. S1803309, Ms. Aishwarya V Reg. No. S1803304, Ms. Ananya T M Reg. No. S1803308, Ms. Sanjana M V Reg. No. S1803455 and Ms. Pandith Rachana Reg. No. S1803421** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

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2.

Department of Zoology
D V S college of Arts and Science
Shivamogga-577201



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled **“STUDY OF ZEBRAFISH AS EXPERIMENTAL MODEL AND IT’S BEHAVIORAL ASPECTS”** submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **SANIA BAIG (S180538), NAJMA RIFFATH (S1803526), SYEDA HAJIRA (S1803493)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

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Department of Zoology

D V S college of Arts and Science

Shivamogga-577201



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled **“SURVEY STUDY ON PRESENT DAY LIFESTYLE AND HYPERTENSION IN YOUR FAMILY CIRCLE AND NEIGHBORS”** submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **Meghana.Y (S1803395), Nisarga.A.N (S1803529), Nooha Masood (S1803530), Pournami.M.Uppin (S1803429), Rachitha. M.S (S1803438)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr.Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

1.

2.

Pruthvi K.J.



KUVEMPU UNIVERSITY
DEPARTMENT OF ZOOLOGY



DVS COLLEGE OF ARTS, SCIENCE & COMMERCE
SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled "**FOOD HABITS AND KNOWLEDGE OF VITAMIN A IN YOUR FAMILY CIRCLE AND NEIGHBOURS**" .submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **Ananya.C.B (S1803307), Anusha.H.E (S1803314), Fathim samreen taj(S1803518), Keerthana.I.Selvam (S1803545), Munazza Mohammadi (S1803400), Nisargashree.H.S (S1803416), Pooja.K .M (S1803424)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr.Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

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Pruthvi K J.
31/7/21



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled **A COMPARATIVE STUDY ON A NATURAL AND MANMADE POND ECOSYSTEM** submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **CHANDANA A (S1803343), MONIKA E M (S1803397), RAKSHITHA H R (S1803442), VAISHNAVI C N (S1803500)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

1.

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KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled **“A STUDY ON KNOWLEDGE AND AWARENESS OF PEOPLE OF SHIVAMOGGA TOWARD COVID-19”** submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ) in DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **ASHA BEGAM. S B (S1803324), BI BI AFSA (S1803336), FARHEEN KHANUM (S1803362), JANAKI. P (S1803371), KAVYA KATTIMANI (S1803379), PALLAVI. G (S1803418)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

1.

2.

Pruthvi K. J.
30/12/2021



KUVEMPU UNIVERSITY



DEPARTMENT OF ZOOLOGY

DVS COLLEGE OF ARTS, SCIENCE & COMMERCE

SHIVAMOGGA-577201

CERTIFICATE

This is to certify that project entitled "**STUDY ON VERMICOMPOSTING**" submitted in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE (BSc. CBZ)** in **DEPARTMENT OF ZOOLOGY, D.V.S College of Arts and Science Shivamogga** affiliated to **KUVEMPU UNIVERSITY** is a bonafide record of project work done by **SIDDHARTHA S P (S1803466), SACHIN H Y (S1803535), SWAMY R (S1803540), SHREYAS J H (S1803465), VEERESH M P (S1803504)** during the period of study 2020-2021 in the Department of Zoology under the guidance and supervision of faculties of the department and has not previously formed for the award of any degree.

Guidance

Dr. Geetha Samak

Mr. N Kumaraswamy

Mrs. Pruthvi K J

Examiners

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2.

[Handwritten signatures and dates]
Pruthvi K. J.
30/7/21



Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ




Department of Botany


*D.V.S. College of Arts and Science
Shimoga – 577201*

CERTIFICATE

This is to certify that Anusha.P.K.S1403319, Gayatri Devi S1403354
Meghana.L. S1403400, Rakshad.M. S1403438 & Sushma.S. S1403485
has satisfactorily completed the Project work entitled "PLANTS IN THE
FIELD OF COSMETICS", submitted in partial fulfillment of the
requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.)**
prescribed by the Kuvempu University, Shivamogga, during the academic
year 2016 – 17.

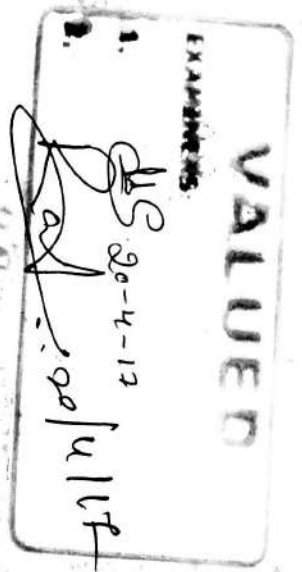
We further certify that the work is original and has not been
submitted to any other university wholly or in part for award of any other
degree.


H.O.D. of Botany
Prof. Sudhakar.H.N
D.V.S. College of Arts and Science
Shivamogga – 577201


Principal
Dr. Geetha Samak
D.V.S. College of Arts and Science
Shivamogga – 577201

Date: 20-4-17

Place: Shivamogga





Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



Department of Botany

D.V.S. College of Arts and Science
Shimoga – 577201

CERTIFICATE

This is to certify that Bhagya.O.M. S1403329, Keerthi.G S1403354, Madhura.S. S1403384, Rakshitha.N. S1403439 & Vijay Kumar.M.N. S1403505 has satisfactorily completed the Project work entitled "HEALTH BENEFITS OF SPICES", submitted in partial fulfillment of the requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.)** prescribed by the Kuvempu University, Shivamogga, during the academic year 2016 – 17.

We further certify that the work is original and has not been submitted to any other university wholly or in part for award of any other degree.


H.O.D. of Botany

Prof. Sudhakar.H.N
D.V.S. College of Arts and Science
Shivamogga – 577201


Prindipal

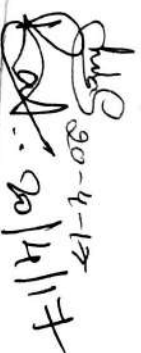
Dr. Geetha Samak
D.V.S. College of Arts and Science
Shivamogga – 577201

Date: 20-4-17

Place: Shivamogga

EXAMINER:

VALUED


20-4-17
20/4/17



Kuvempu University

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



**Department of Botany
D.V.S. College of Arts and Science
Shimoga – 577201**

CERTIFICATE

This is to certify that **Amithkumar.C.A S1403310, Nischith.M S1403415, Navya.G S1403408, Shayistha.S S1403462 and Sona.G.S S1403473** has satisfactorily completed the Project work entitled **"PROSPECTS OF SUGARCANE CULTIVATION IN SHIVAMOGGA TALUK"**, submitted in partial fulfillment of the requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.,)** prescribed by the Kuvempu University, Shivamogga, during the academic year 2016 – 17.

We further certify that the work is original and has not been submitted to any other university wholly or in part for award of any other degree.

H.O.D. of Botany

Prof. Sudhakar.H.N

**D.V.S. College of Arts and Science
Shivamogga – 577201**

Principal

Dr. Geetha Samak

**D.V.S. College of Arts and Science
Shivamogga – 577201**

Date:

Place: Shivamogga

VALUED

EXAMINERS:

1. 20-4-17

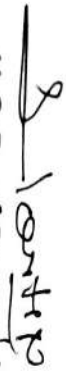
2. 20/4/17

Department of Botany
D.V.S. College of Arts and Science
Shimoga – 577201

CERTIFICATE

This is to certify that Amithkumar.C.A S1403310, Nischith.M S1403415, Navya.G S1403408, Shayistha.S S1403462 and Sona.G.S S1403473 has satisfactorily completed the Project work entitled "PROSPECTS OF SUGARCANE CULTIVATION IN SHIVAMOGGA TALUK", submitted in partial fulfillment of the requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.,)** prescribed by the Kuvempu University, Shivamogga, during the academic year 2016 – 17.

We further certify that the work is original and has not been submitted to any other university wholly or in part for award of any other degree.


H.O.D. of Botany
Prof. Sudhakar.H.N
D.V.S. College of Arts and Science
Shivamogga – 577201


Principal
Dr. Geetha Samak
D.V.S. College of Arts and Science
Shivamogga – 577201

Date:

Place: Shivamogga

EXAMINERS

MAJORS



Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ




Department of Botany
D.V.S. College of Arts and Science
Shimoga – 577201

CERTIFICATE

This is to certify that *Chinmayi.K.A - S1403348, Kaveri.D.S - S1403368, Punith.V - S1403434, Ranjitha.H.S - S1403440, Sudeendra.H.R -S1403475* has satisfactorily completed the Project work entitled "**CULTIVATION OF WATERMELON IN SHIVAMOGGA DISTRICT**", submitted in partial fulfillment of the requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.,)** prescribed by the Kuvempu University, Shivamogga, during the academic year 2016 – 17.

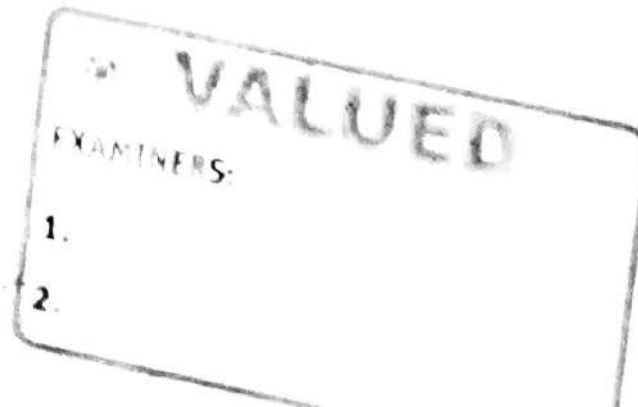
We further certify that the work is original and has not been submitted to any other university wholly or in part for award of any other degree.


H.O.D. of Botany
Prof. Sudhakar.H.N
D.V.S. College of Arts and Science
Shivamogga – 577201


Principal
Dr. Geetha Samak
D.V.S. College of Arts and Science
Shivamogga – 577201

Date:

Place: Shivamogga





Kuvempu University

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Department of Botany
D.V.S. College of Arts and Science
Shimoga – 577201

CERTIFICATE

This is to certify that Afreen S1403302, Mithun Kumar R S1403403, Niha Ishrath Khan S1403414, Pavithra R S1403423 & Sneha S M S1403472 has satisfactorily completed the Project work entitled "A STUDY ON BIO FERTILIZER", submitted in partial fulfillment of the requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.,)** prescribed by the Kuvempu University, Shimoga, during the academic year 2016 – 17.

We further certify that the work is original and has not been submitted to any other university wholly or in part for award of any other degree.

H.O.D. of Botany
Prof. Sudhakar H N
D.V.S. College of Arts and Science
Shimoga – 577201

Principal
Dr. Geetha Samak
D.V.S. College of Arts and Science
Shimoga – 577201

Examiner

1. _____

2. _____

Date:

Place: Shimoga



Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



Department of Botany

D.V.S. College of Arts and Science

Shimoga – 577201

CERTIFICATE

This is to certify that Annusha.P.K.S1403319, Gayatriidevi S1403354
Meghana.L. S1403400, Rakshad.M. S1403438 & Sushma.S. S1403485
has satisfactorily completed the Project work entitled "PLANTS IN THE
FIELD OF COSMETICS", submitted in partial fulfillment of the
requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.,)**
prescribed by the Kuvempu University, Shivamogga, during the academic
year 2016 – 17.

We further certify that the work is original and has not been
submitted to any other university wholly or in part for award of any other
degree.


H.O.D. of Botany

Prof. Sudhakar.H.N

D.V.S. College of Arts and Science
Shivamogga – 577201


Principal

Dr. Geetha Samak

D.V.S. College of Arts and Science
Shivamogga – 577201


Date: 20-4-17


Place: Shivamogga

VALUED

EXAMINERS

1

 20-4-17

 20/4/17

Certificate

This is to certify that project entitled “**PROPAGATION TECHNIQUES ADAPTED IN FEW VEGETATIVELY PROPAGATED PLANTS - A STUDY**” carried out by Vishawanath C.M, (Reg. NoS1403509), Preethi. C., (Reg.No.S1403428), Chethan Kumar. H.B. (Reg.NoS1404815), Roopa. B.N (Reg.No.S1403447), Mamatha. G.D (Reg.No.S1403389) and submitted as partial fulfillment for completion of 6th semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2016-2017.

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Date: 12/4/2017

Place: Shimogga



GUIDE

Dr. H.V. ANIL KUMAR.
Dr. H.V. ANIL KUMAR,

M Sc., (Seri), Ph.D., FZSI

Associate Professor of Sericulture

HOD of Environmental Science,

DVS College of Arts & Science, SHIMOGGA.

Certificate

This is to certify that project entitled "STUDIES ON CLONAL PROPAGATION

IN FIVE PLANT SPECIES PROPAGATED VEGETATIVELY" carried out by

Suman Babu.C.M (Reg.No.S1403479), **Aleena Nawaz** (Reg.No.S1403305),

Khuteja Banu(Reg.No.S1403377), **Padmashree.T** (Reg.No.S1403417), **Subiya**

Khanum (Reg.No.S1403474), **Darshan Kumar.T** (Reg.No.S1403350) and

submitted as partial fulfillment for completion of 6th semester and award of Bachelor

of Science (CBZ) from Kuvempu University, for the academic year 2016-2017.

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.


GUIDE

Date: 13/4/2017

Place: Shimoga


Dr.H.VANIL KUMAR
Dr. H.V. ANIL KUMAR,
M.Sc., (Seril), Ph.D., FZSI
Associate Professor of Sericulture
HOD of Environmental Science,
NVS College of Arts & Science, SHIMOGA

EXAMINER
VALUED
1
2
20/4/17
20-4-17

Certificate


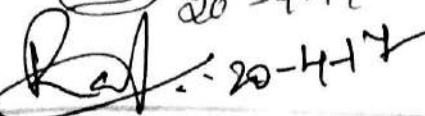
This is to certify that project entitled "STUDIES ON INTERCROPPING SYSTEM IN ARECA CATECHU" carried out by Bhanuprakash. K.E (Reg. No S1403332), Nandish. S.H (Reg.No. S1403513), Aisha. A (Reg. No S1403303), Pallavi. S (Reg. No. S1403420), Shruthi. K.J (Reg. No. S1403465), Kashuftha Misreena (Reg. No. S1403366) and submitted as partial fulfillment for completion of 6th semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2016-2017.

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.


Dr. GEETHA SAMAK
PRINCIPAL
DVS College of Arts and Science,
Shivamogga

Date:
Place: Shivamogga

EXAMINERS

1.		20-4-17
2.		20-4-17



Kuvempu University
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Department of Botany
D.V.S. College of Arts and Science
Shimoga – 577201

CERTIFICATE

This is to certify that **Bhagya.O.M. S1403329, Keerthi.G S1403354, Madhura.S. S1403384, Rakshitha.N. S1403439 & Vijay Kumar.M.N. S1403505** has satisfactorily completed the Project work entitled "**HEALTH BENEFITS OF SPICES**", submitted in partial fulfillment of the requirements for the award of degree in **BACHELOR OF SCIENCE (B.Sc.,)** prescribed by the Kuvempu University, Shivamogga, during the academic year 2016 – 17.

We further certify that the work is original and has not been submitted to any other university wholly or in part for award of any other degree.


H.O.D. of Botany

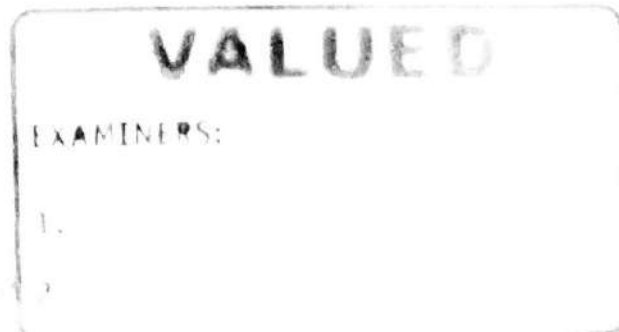
Prof. Sudhakar.H.N
D.V.S. College of Arts and Science
Shivamogga – 577201


Principal

Dr. Geetha Samak
D.V.S. College of Arts and Science
Shivamogga – 577201

Date: 30/4/17

Place: Shivamogga





Kuvempu University
ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



Department of Botany
D.V .S College of Arts and Science
Shivamogga -577201

CERTIFICATE

This is to certify that Aishwarya J.S S1503304, Dasharatha M.S S1503339, Deepak C.R S1503342, Mangala D.H S1503392, And Maruthi C.H S1503394, has satisfactorily completed the project work entitled "**STUDY OF VEGETATION BY QUADRAT METHOD**" submitted in partial fulfillment of the requirement for the award of degree in **BACHELOR OF SCIENCE (B.Sc.)** prescribed by the Kuvempu University Shivamogga during the academic year 2017-18.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work .

Prof. Sudhakara .H.N
H.O.D of Botany
D.V.S College of Arts and Science
Shivamogga-577201

S.K. Chandrashekar
Principal
D.V.S College of Arts and Science
Shimoga-577201

Date: 2/4/2018
Place: Shivamogga

Department of Botany

D.V.S College of arts and science

Shimoga -577201


Certificate

This is to certify that Kiran H S1503379, Mohamed Zakir Hussain S1503405, Naghma shabreen S1503408, Noorul-ain S1503418, Rakesh I Huller S1503439, Udaykumar V K S1503520 has satisfactorily completed the project work entitled "A SURVEY ON OIL YEILDING PLANTS " submitted in partial fulfillment of the requirement for the award of degree in BACHELOR OF SCIENCE (B.Sc.,) prescribed by the Kuvempu University Shimoga during the academic year 2017-18.

This project or any part of it has not been previously submitted for award of any other degree , Diploma or similar title project work .


Prof. Sudhakara. H.N.

H.O.D of Botany
HEAD
D.V.S. Department Botany
D.V.S. College of Arts and Science
and Shimoga - 577201.
Shimoga-577201.


S.K. Chandrashekar
Principal
D.V.S. College of Arts & Science
SHIMOGA - 577 201
D.V.S College of Arts
Science Shimoga-577201

Date: 03/04/18

Place: Shivamogga

**Department of Botany
D.V .S College of arts and science
Shimoga -577201**

CERTIFICATE

This is to certify that Archana.SS1503323, Mandara S1503391, Jyothi.S.K S1503365, Anjana.T.P S1503315, Monika.M S1503406 and Harshitha.R S1503358 has satisfactorily completed the project work entitled "HEALTHY BENEFITS OF SPICES" submitted in partial fulfillment of the requirement for the award of degree in BACHELOR OF SCIENCE (B.Sc.,) prescribed by the Kuvempu University Shimoga during the academic year 2017-18.

This project or any part of it has not been previously submitted for award of any other degree , Diploma or similar title project work .

Prof. Sudhakara.H.N

H.O.D of Botany

**D.V.S College of Arts and Science
Science Shimoga-577201**



Principal

S.K.chandrashekar

**D.V.S College of Arts and
Shimoga-577201**

Date:

Place:



Certificate

This is to certify that project entitled **VEGETATIVE PROPAGATION TECHNIQUES ADOPTED IN SOME HORTICULTURAL PLANTS** carried out by **Lohith Kumar.M.K**(Reg.No.S1503385), **Parthasarath** (Reg.No.S1503420), **Pooja.C** (Reg.No.S1503423), **Sandhya.B** (Reg.No.S1503465), **Shwetha.M** (Reg.No.S1503489) **Vani.R.B** (Reg.No.S1503527) and submitted as partial fulfillment for completion of 6th semester and award of Bachelor of Science (C.B.S) from Kuvempu University, for the academic year 2017-2018.

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Date:

GUIDE

Place: Shivamogga

Dr.H.V.ANIL KUMAR, M.Sc.,PhD,FZI
DVS College of Arts and Science,
Shivamogga

Department of Botany
D.V.S college of arts and science
Shimoga -577201

CERTIFICATE

This is to certify that Darshan.B.K S1503337, Kavyashree.V.S S1503376, Santhosh kumar.R.B S1503471, Shilpa .H.S S1503479, Supriya.T S1503504 and Usha.L S1503522 has satisfactorily completed the project work entitled "SEED GERMINATION BY SAND METHOD" submitted in partial fulfillment of the requirement for the award of degree in BACHELOR OF SCIENCE (B.Sc.,) prescribed by the Kuvempu University Shimoga during the academic year 2017-18.

This project or any part of it has not been previously submitted for award of any other degree , Diploma or similar title project work .

HOD


Prof. Sudhakara.H.N

H.O.D. of Botany
D.V.S College of Arts and Science
D.V.S Shimoga-577201
Shimoga-577 201.


Principal

S.K. Chandrashekar
D.V.S College of Arts and Science
Shimoga-577201

Date: 31/03/2018

Place: Shimoga

Department of Botany

D.V.S College of arts and science

Shivamogga -577201

Certificate

This is to certify that by **AJAY M K (S1503306), BASAVESH K M (S1503329), GAJENDRA D (S1503354), KHADIRA SANIYA AFRIN (S1503378), TAHURA BEGUM (S1503511)** has satisfactorily completed the project work entitled "STUDY ON ETHNOMEDICINAL PLANTS " submitted in partial fulfillment of the requirement for the award of degree in BACHELOR OF SCIENCE (B.Sc.) prescribed by the Kuvempu University Shivamogga during the academic year 2017-18.

This project or any part of it has not been previously submitted for award of any other degree , Diploma or similar title project work .

Sheela, K.R
26-03-18
Guide

Ms. SHEELA.K.R

LECTURER

D.V.S College of Arts and Science

Shimoga-577201

Date: 21/02/18

Place: Shivamogga.

Certificate

This is to certify that project entitled "EVALUATION OF FIVE MULBERRY (*Morus*) GENOTYPES IN TWO VILLAGES OF SHIVAMOGGA TALUK" carried out by Ashika,K (S1603321), Basavashree.S.P(S1603325), Mallesh.G.S,(S1603376), Rashmi.R.Jadhav, (S1603448), Sushma.T.S, (S1503506), Shwetha.P.Hiremath (S1603488),Yashas.G.A,(S1603542) and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2018-2019.

The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.



Mr.Sudhakar, M.Sc.,M.Phil.,


HOD of Botany

DVS College of Arts & Science,
Shivamogga

Date: 1/4/2019
Place: Shivamogga.

VALUED

EXAMINERS:

- 1.
2. 

Certificate

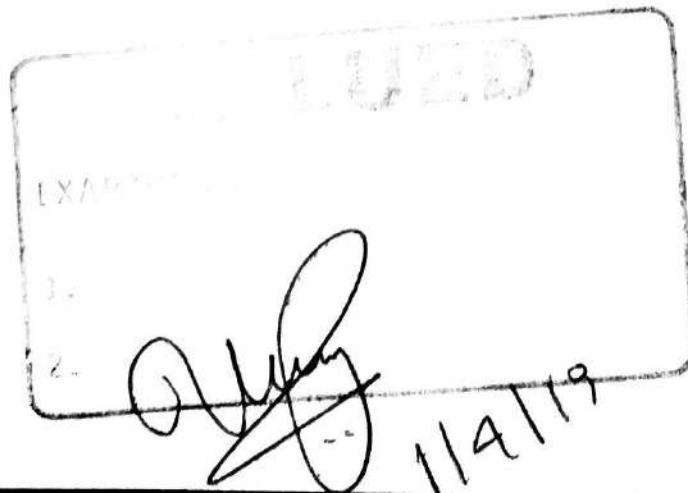
This is to certify that project entitled "FEW DISEASES AND PESTS OF ARECANUT" carried out by MADEEHA FARHEEN (Register No:S1603374), SYEDA ALFAINE S.A(Register No:S1603518), VISHWAS B.L (Register No:S1603540), ARPITHA.H(Register No:S1603319), SHREERAMANA H K (Register No:S1603485), RANJITHA M (Register No:S1603445), and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2018-2019.

The project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.



Mr.Sudhakar, M.Sc.,M.Phil.,
HOD of Botany
DVS College of Arts &Science,
Shivamogga

Date:
Place: Shivamogga.





ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ

KUVEMPU UNIVERSITY

Accredited by NAAC With "A" Grade

Department of Botany

D.V.S. College of Arts and Science

Shivamogga - 577201



CERTIFICATE

This is to certify that AMRUTHA H A S1603308, CHINMAYI M S1603344, NOOR FATHIMA S1603412, ROOPASHREE H R S1603456, SINCHANA H R S1603491, SINDHU D V S1603496, TANUJA D M S1603521 has satisfactorily completed the project work entitled "STUDY ON CULTIVATION OF VEGETABLES OF SOLANACEAE" submitted in partial fulfillment of the requirement for the award of degree in BACHELOR IN SCIENCE B.Sc prescribed by the Kuvempu University Shivamogga during the academic year 2018-19.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.

GUIDE

Prof. Sudhakara.H.N

H.O.D of Botany

D.V.S. College of Arts and Science

Shivamogga-577201

EXAMINERS:

1. [Signature]

2. [Signature]

Date:- 1/4/2019
Place:- Shivamogga



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



DEPARTMENT OF BOTANY
D.V.S. COLLEGE OF ARTS AND SCIENCE
SHIVAMOGGA- 577201

CERTIFICATE

This is to certify that Aameena, Chaitra, Nazneentaj, Rashmi, Roopa, Sindhu, Syeda juveria has satisfactorily completed the project work entitled "Prevalence of Diseases of Paddy in Shimoga Taluk" submitted in partial fulfillment of the requirement for the award of degree in "BACHELOR OF SCIENCE" B.Sc prescribed by the Kuvempu University Shivamogga during the academic year 2018-19.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.

GUIDE

Prof. Sudhakara.H.N

H.O.D of Botany

D.V.S. College of Arts and Science

Shivamogga- 577201

Date:

Place:- Shivamogga

VALUED	
EXAMINER'S	
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ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY

Accredited by NAAC With "A" Grade



Department Of Botany


D.V.S. College Of Arts and Science


Shivamogga- 577201

CERTIFICATE

This is to certify that **APOORVA JOIS D N (S1603317), RAMYA H G (S1603442), SANKARSHANA R N (S1603472), SUKANYA S (S1603507), VIJAYASREE N (S1603533)**, has satisfactorily completed the project work entitled **"STUDY OF MUSHROOM CULTIVATION"** submitted in partial fulfillment of the requirement for the award of degree in **BACHELOR OF SCIENCE B.Sc** prescribed by the Kuvempu University Shivamogga during the academic year 2018-19.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.


Prof. Sudhakara. H. N
H.O.D of Botany
D.V.S. College Of Arts and Science


S.K. Chandrashekar
Principal
D.V.S. College Of Arts and Science

Date:- 01/04/19

Place: - Shivamogga



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



DEPARTMENT OF BOTANY
D.V.S. COLLEGE OF ARTS AND SCIENCE
SHIVAMOGGA- 577201

CERTIFICATE

This is to certify that **Manjunatha T, Farheen Banu M, Priya Prabhu, Vidyayashaswini G H ,Sangeetha K L, Apoorva T S** satisfactorily completed the project work entitled "**Study of Post Harvest Techniques of Maize In Shimoga District**" submitted in partial fulfillment of the requirement for the award of degree in "**BACHELOR OF SCIENCE**" **B.Sc** prescribed by the Kuvempu University Shivamogga during the academic year 2018-19.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.


Prof. Sudhakara.H.N

H.O.D of Botany
D.V.S. College of Arts and Science
Shivamogga- 577201


S.K.Chandrashekar
Principal

D.V.S. College of Arts and Science
Shivamogga- 577201

Date:-16 / 03 / 2019

Place:- Shivamogga



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



DEPARTMENT OF BOTANY
D.V.S. COLLEGE OF ARTS AND SCIENCE
SHIVAMOGGA- 577201

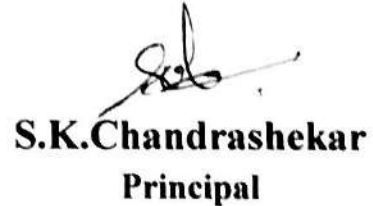
CERTIFICATE

This is to certify that **Archana.K.S, Kavana Kumbar K.N , Ramya.N, Shivakumar M.L, Suma J.T and Viresha T.N** satisfactorily completed the project work entitled "STUDY OF UNCULTIVATED EDIBLE FRUITS IN SHIVAMOGGA" submitted in partial fulfillment of the requirement for the award of degree in "BACHELOR OF SCIENCE" **B.Sc** prescribed by the Kuvempu University Shivamogga during the academic year 2018-19.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.


Prof. Sudhakara.H.N

H.O.D of Botany
D.V.S. College of Arts and Science
Shivamogga- 577201


S.K.Chandrashekar
Principal

D.V.S. College of Arts and Science
Shivamogga- 577201

Date:- 11/11/19

Place:- Shivamogga

Certificate

This is to certify that project entitled "COMMON DISEASES OF MULBERRY" carried out by, Sahana.H.R (Register No:S1603460), Sindhura.D.S (Register No:S1603499) , Prajwal Patil.G.T (Register No:S1603421), Ananya.P.S (Register No:S1603309), Divya.D.P (Register No:S1603349), Uday Kumar (Register No:S1603523) under my guidance and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2018-2019.

This project or any part of it has not been previously submitted for award of any other degree, diploma or similar title project work.



GUIDE

Date: 16.03.2019
Place

DR. H.V.ANIL KUMAR.
M.Sc.,(seri),PhD.FZSI
Associate Professor of sericulture
Department of Environmental Science
& Laboratory of Applied Biological Science
DVS college of arts and science
SHIVAMOGGA – 577201



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade





Department Of Botany
D.V.S. College Of Arts And Science
Shivamogga- 577201

CERTIFICATE

This is to certify that Bindu C M S1603331, Mythreyi R S1603392, Rimsha S1603452, Sinchana K S S1603493, Sreelaxmi R S1603506 and Syeda Ayesha Amreen S1603519 has satisfactorily completed the project work entitled "**ADAPTATIONS OF TISSUE CULTURE TECHNIQUE IN GRAND NAIN**" submitted in partial fulfillment of the requirement for the award of degree in **BACHELOR OF SCIENCE B.Sc** prescribed by the Kuvempu University Shivamogga during the academic year 2018-19.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.


Prof. Sudhakara .H.N
H.O.D Of Botany
D.V.S. College Of Arts And Science


S.K. Chandrashekar
Principal
D.V.S. College Of Arts And Science
Shivamogga- 577201

Date:- 01/4/19
Place:- Shivamogga



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



Department of Botany
D.V.S. College of Arts and Science
Shivamogga- 577201

CERTIFICATE

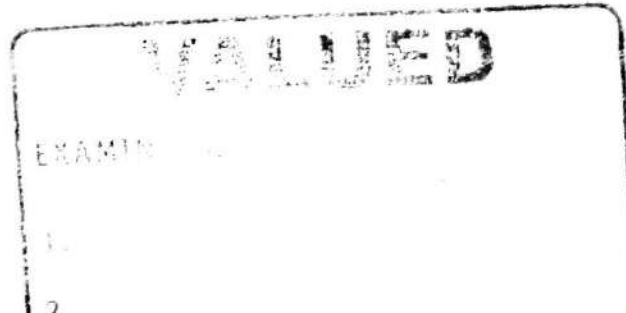
This is to certify that Anu P M (S1703309), Bindu K B (S1703344), Gururaj B N (S170 3375), Noor E Zama (S1703446), Sri Gowri N R (S1703504), Zuha Maseera (S1703541), has satisfactorily completed the project work entitled "A STUDY ON MAJOR MAIZE DISEASES" submitted in partial fulfillment of the requirement for the award of degree in BACHELOR IN SCIENCE B.Sc. prescribed by the Kuvempu University Shivamogga during the academic year 2019-20.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.

Prof. Sudhakara H N
H.O.D. Of Botany
DVS College of Arts and Science
D.V.S. Shivamogga-577201
Shimoga-577201

Dr. H T Krishna Murthy
Principal
DVS College of Arts and Science
Shivamogga- 577201

Date:-
Place:-Shivamogga





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KUVEMPU UNIVERSITY

Accredited by NAAC With "A" Grade

Department of Botany

D.V.S. College of Arts and Science

Shivamogga- 577201



CERTIFICATE

This is to certify that ARFIYA KHANUN S1703326, BINDUSHREE MR S1703544, DEEPIKA KN S1703362, MANJUSHREE MR S1703414, SAHANA YG S1703479, SUPRITHA BR S1703512 has satisfactorily completed the project work entitled "STUDY ON DISEASES OF COCONUT IN SHIMOGA TALUK" submitted in partial fulfillment of the requirement for the award of degree in **BACHELOR IN SCIENCE B.Sc** prescribed by the Kuvempu University, Shankaraghatta, Shivamogga during the academic year 2019-20.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.

GUIDE

Ms. BHUVANESHWARI D

Asst. Professor of Botany

D.V.S. College of Arts and Science

Shivamogga- 577201

Date:-

Place:- Shivamogga



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ

KUVEMPU UNIVERSITY

Accredited by NAAC With "A" Grade

Department Of Botany

D.V.S. College Of Arts And Science


Shivamogga - 577201




CERTIFICATE

This is to certify that Ankitha patel H(S1703308),Bi Bi Rahcema (S1703343), Gayithri R(S1703373),Nishath (71703443),Sinchara patil H P(S1703499),Sindhu H R (S1703501), Ulfath Unnisa (S1703526). has satisfactorily completed the project work entitled "STUDY ON OIL YIELDING PLANTS OF NYAMATHI THALUK" submitted in partial fulfillment of the requirement for the award of degree in BACHELOR IN SCIENCE B.Sc prescribed by the Kuvempu University, Shankaraghatta, Shivamogga during the academic year 2019-20.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.


 Prof. Sudhakara .H.N
 H.O.D of Botany
 Department of Botany
 D.V.S. College of Arts and Science
 Shivamogga-577201


 Dr. H. T. Krishnamurthy
 Principal
 D.V.S. College of Arts and Science
 Shivamogga-577201

Date:-
 Place:- Shivamogga





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KUVEMPU UNIVERSITY

Accredited by NAAC With "A" Grade



Department of Botany
D.V.S. College of Arts and Science
Shivamogga- 577201

CERTIFICATE

This is to certify that AISHWARYA. R (S1703303), BI BI AYESHA (S1703341), FIRDOSE SULTHANA (S1703371), NISCHITHA. K.M. (S1703442), TEJASHWINI. N. (S1703522), TEJASWINI. S. (S1703524) has satisfactorily completed the project work entitled "IMPACT OF COFFEE DISEASES IN CHIKKAMAGALURU DISTRICT" submitted in partial fulfillment of the requirement for the award of degree in BACHELOR IN SCIENCE B.Sc prescribed by the Kuvempu University, Shankaraghatta, Shivamogga during the academic year 2019-20.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.

Prof. Sudhakara. H. N
H.O.D of Botany
D.V.S. College of Arts and Science
Shivamogga- 577201

Dr. H. T. Krishnamurthy
Principal
D.V.S. College of Arts and Science
Shivamogga- 577201

Date:-

Place:- Shivamogga

Certificate

This is to certify that project entitled "EVALUATION OF SOME GENOTYPES OF MULBERRY FOR NUTRITIVE PARAMETERS" carried out by Anusha.G.S. (Reg. No.S1703314), Daniya Meherin (Reg.No.S1703356), Deeksha.H.S.(Reg.NoS1703360), Kavya.K.R.(Reg.No.S1703392), Rakshitha.M.B. (Reg.No.S1703469), Sunan.M.H. (Reg.No.S1403366) under my guidance and submitted as partial fulfillment for completion of 6th semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2019-2020.

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.



GUIDE

DR. H.V. ANIL KUMAR. M.Sc.,(Ser),PhD,FZSI
Associate Professor of sericulture
Department of Environmental Science
& Laboratory of Applied Biological Science
DVS College of Arts and Science
SHIMOGA – 577201

Date: 21st Mar 2020

Place: Shimoga.

APPROVED

EXAMINER'S:

1.
2.

Certificate

This is to certify that project entitled "*A FIELD STUDY ON DISTRIBUTION AND DIVERSITY OF LICHENS IN SHIVAMOGGA TALUK*" carried out by VISHNU SHREEKARA BHAT.K (Register No:S1703537), ANUSHA B.S(Register No:S1703313), HARSHITHA S.K (Register No:S1703381), CHANDANA K.M (Register No:S1703350), PRIYANKA G.R (Register No: S1703459), SUMAIYA(Register No:S1703507) and submitted as partial fulfillment for completion of 6th semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2019-2020.

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.



Guide

Dr. H. V. Anil Kumar . M.Sc.,(seri), Ph.D. FZSI
Associate Professor of Sericulture

Department of Environmental Science &
Laboratory of Applied Biological Science

Dr. H.V. ANIL KUMAR,

M Sc., (Seri), Ph.D., FZSI

Associate Professor of Sericulture

HOD of Environmental Science,
DVS College of Arts & Science, SHIMOGA.


Date: 18th Nov 2020
Place: Shimogga

Certificate

This is to certify that project entitled "THE EFFECT OF DIFFERENT SOIL TYPES ON THE GROWTH PARAMETER OF MUSTARD PLANT" carried out by Apoorva Shetty (S1703324), Ashwini G (S1703333), Dhanyasri (S1703366), Navyashree K.R (S1703432), Rekesh Rao Maane K G (S1703548), Surabhi S (S1703513) and submitted as partial fulfillment for completion of 6th semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2016-2017.

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.

Date:
Place: Shimogga


Mr. Suthakar, M.Sc, M.Phil,
HOD of Botany
DVS College of Arts and Science,
Shivamogga



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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



Department Of Botany
D.V.S. College Of Arts And Science
Shivamogga- 577201

CERTIFICATE

This is to certify that ARFA A KHAN (S1703543), SUMMAYA NAAZ (S1703510), SAHANA R.S (S1703478), SAMHITHA M.S (S1703480), MAIMUNNISA (S1703409), ARCHANA P.N (S1703542), has satisfactorily completed the project work entitled "STUDY OF MUSHROOM CULTIVATION METHOD" submitted in partial fulfillment of the requirement for the award of degree in BACHELOR IN SCIENCE B.Sc prescribed by the Kuvempu University Shivamogga during the academic year 2019-2020.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.

Prof. Sudhakara.H.N

H.O.D Of Botany
D.V.S. College Of Arts And Science
Department Botany
Shivamogga-577201
D.V.S. College Of Arts And Science
Shimoga-577201.

Dr.H.T.Krishnamurthy

Principal
D.V.S. College Of Arts And Science
Shivamogga-577201

Date:-

Place:- Shivamogga





Department Of Botany
 D.V.S. College Of Arts And Science
 Shivamogga- 577201

CERTIFICATE

This is to certify that, Bhoomika S P (S1703338), Divya G (S1703367) ,
 Nayana M C (S1703434), Sharath Kumar G (S1703491), Sneha (S1703549),
 Syeda Arshiya (S1703518), has satisfactorily completed the project work
 entitled "PROSPECT OF CULTIVATION OF BLACK PEPPER AND
 CARDAMOM" submitted in partial fulfillment of the requirement for the
 award of degree in **BACHELOR IN SCIENCE B.Sc** prescribed by the
 Kuvempu University Shivamogga during the academic year 2018-19.

This project or any part of it has not been previously submitted for award of any
 other degree, Diploma or similar title project work.

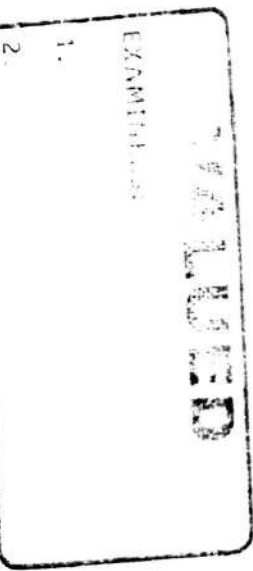
Prof. Sudhakara.H.N
 HEAD
 H. O. of Botany
 Department of Arts & Science
 DVS College of Arts and Science
 Shivamogga

Shivamogga- 577201

Dr. H.T. Krishnamurthy
 Principal
 DVS College of Arts and Science
 Shivamogga- 577201

Date:-

Place:- Shivamogga





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KUVEMPU UNIVERSITY
Accredited by NAAC With "A" Grade



Department of Botany
D.V.S. College of Arts and Science
Shivamogga- 577201

CERTIFICATE

This is to certify that AIMAN SADAF (S1703302), BI BI AFIFA (S1703340), BINDU M (S1703545), DIVYA M (S1703368), NAYANA S B (S1703436), SHOBHITHA (S1703497), TEJASWINI GADADE G N (S1703523) has satisfactorily completed the project work entitled "PROSPECTS OF BANANA CULTIVATION IN SHIVAMOGGA RURAL AREAS" submitted in partial fulfillment of the requirement for the award of degree **BACHELOR IN SCIENCE B.Sc** prescribed by the Kuvempu University, Shankaraghatta, Shivamogga during the academic year 2019-20.

This project or any part of it has not been previously submitted for award of any other degree, Diploma or similar title project work.


GUIDE

Prof. Sudhakara.H.N
H.O.D of Botany
D.V.S. College of Arts and Science
Shivamogga- 577201

Date:- 19/10/2020
Place:- Shivamogga

CERTIFICATE

This is to certify that project entitled "EVALUATION OF SEED VIGOURITY OF SOME CEREAL SEEDS (PADDY, MAIZE, RAGI) COLLECTED FROM DIFFERENT THRESHING METHODS OF MALNAD REGION" carried out by POOJA. C (S1803422), PALLAVI.G (S1803418), SPOORTHI. M. S (S1803480), ANANYA C.B (S1803307), JANAKI.P (S1803371), and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2020-21.

This project or any part of it has not been previously submitted for award of any other degree, diploma or similar title project work.


HEAD OF THE DEPARTMENT


Prof. Sudhakara H. N., M.Sc., M.Phil.

HOD, Department of Botany
D V S College of Arts & Science
Shivamogga-577201


GUIDE

Prof. Sudhakara H. N. M.Sc., M.Phil.

HOD, Department of Botany
D V S College of Arts & Science
Shivamogga-577201


Dr. Geetha Samak,
Principal

D V S College of Arts & Science
Shivamogga-577201

Certificate

This is to certify that project entitled "Detail Account on Threshing Tools Used for Cereals Crop" carried out by CHANDANA A. (Register No.: S1803343), NIKHIL KUMAR M.N. (Reg. Number: S1803412), SHREYAS J.H. (Reg. Number: S1803465), CHIRANTH R.C. (Reg. Number: S1803516), VINITHA L. (Reg. Number: S1803543), KEERTHANA I SELVANI. (Reg. Number: S1803545), and submitted as partial fulfillment for completion of Botany VI semester and award of Bachelor of Science prescribed by Kuvempu University, for the academic year 2020-21.

This project has been duly approved and certified, as it satisfies the academic requirements in respect of the project work, prescribed for the award of above said degree.



Mr. Sudhakara H.N. M. Sc., M. Phil. Dr. Geetha Samak M. Sc., Ph. D.
Head Principal
Department of Botany D V S College of Arts and Science
D V S College of Arts and Science Shivamogga- 577 201
Shivamogga-577 201

Place: Shivamogga

Date: 28/09/2021

KUVEMPPI UNIVERSITY



DVS COLLEGE OF ARTS & SCIENCE, SHIMOGGA-577201

DEPARTMENT OF BOTANY

A Project Report on

“Evaluation of Physical Purity of Some Cereal Seeds (Paddy, Maize, Ragi) Collected from Different Threshing Methods of Malnad Region”

Submitted by

AISHWARVA V.	S1803304
FARHEEN KHANUM	S1803362
HARSHA M.	S1803368
PANDITH RACHANA RAGHAVENDRA	S1803421
SPANDANA H.Y.	S1803478
MANU S.C.	S1803524

In the partial fulfillment for the award of
BACHELOR OF SCIENCE (CBZ)
Kuvempu University
Academic year 2020-21

Under the guidance of

Prof. Sudhakara H. N., M.Sc., M.Phil.,
HOD, Department of Botany
D V S College of Arts & Science
Shivamogga-577201

2020-21

VALUED

EXAMINERS:


1. *Pravina Ramu*
2. *S*

Certificate


This is to certify that project entitled "Evaluation of seed germination of (Paddy, Maize, Ragi) threshed mechanically and in machineries method collected from different regions of Mahad Region" carried out by H.S. ANIRUDH SRINIVAS . (Register No: S1803309), NISARGA A.N . (Register No: S1803529), POURNAMIM.UPPIN. (Register No: S1803429) THANUSHREE G.S .(Register No:S1803497), MADHUSUDAN B.S. (Register No:S1803497), KAVYA D.R. (Register No: S1803521) , and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2020-21.


This project or any part of it has not been previously submitted for award of any other degree, diploma or similar title project work.

HEAD OF THE DEPARTMENT


Prof. Sudhakara H.N.,
M.Sc., M.Phil.,
HOD, Department of Botany
D V S College of Arts & Science
Shivamogga-577201

GUIDE


Prof. Sudhakara H.N.,
M.Sc., M.Phil.,
HOD, Department of Botany
D V S College of Arts &
Shimoga-577201


Dr. Geetha Samak,
Ph.D. Post Doc,
Principal
D V S College of Arts & Science
Shivamogga-577201

DECLARATION

We, the students of final year B. Sc. DVS College of Arts and Science, Shimoga, ASHA BEGAM S. B. (Register No.: S1803324), NISARGASHREE H. S. (Reg. Number: S1803416), MEGHANA Y. (Reg. Number: S1803395), RACHITHA M. S. (Reg. Number: S1803438), SACHIN H.Y. (Reg. Number: S1803535), VEERESH M. P. (Reg. Number: S1803504) hereby declare that this project report entitled “ Literature Survey of Recent Advance in Transgenic Plants” was carried out by us under the supervision of Mr. Shrinivas Lamani, M. Sc., NET., (Ph. D.), Department of Botany, DVS College of Arts and Science, Shimoga during the academic year 2020-21

This project is submitted in partial fulfillment for the requirement of the Botany VI Semester B.Sc. course at Kuvempu University, Jnanasahyadri, Shankaraghatta- 577 451.

Asha Begam S.B
ASHA BEGAM S. B.

(Reg. Number: S1803324)

Nisargashree H.S

NISARGASHREE H. S.

(Reg. Number: S1803416)

Meghana Y.

MEGHANA Y.

(Reg. Number: S1803395)

Sachin H.Y

SACHIN H. Y.

(Reg. Number: S1803535)

Rachitha M.S

RACHITHA M. S.

(Reg. Number: S1803497)

Veeresh M.P

VEERESH M. P.

(Reg. Number: S1803504)

VALUED

EXAMINERS:


1. *Kaivalya Swamy* 28/09/21
2. *Sachin H.Y*

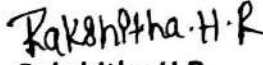
DECLARATION


We the students of final year B.Sc., DVS College of Arts and Science, Shimoga, Siddhartha S P , (Register No:S1803466), Vishnu V (Register No:S1803509), Rakshitha H R (Register No:S1803442), Monika E M (Register No:S1803397), Sania Baig (Register No:S1803538), Bi Bi Afsa (Register No:S1803336) hereby declare that this project report entitled "**NON TIMBER YIELDING FOREST PLANTS**" was carried out by us under the valuable guidance of **Dr. Anil Kumar.H.V. Associate professor of sericulture, DVS College of Arts and Science, Shivamogga** during the academic year 2020-2021


This project is submitted in partial fulfillment for the requirement of the VI Semester B.Sc.,(CBZ) course of Kuvempu university.


Siddhartha S P
Register No: S1803466

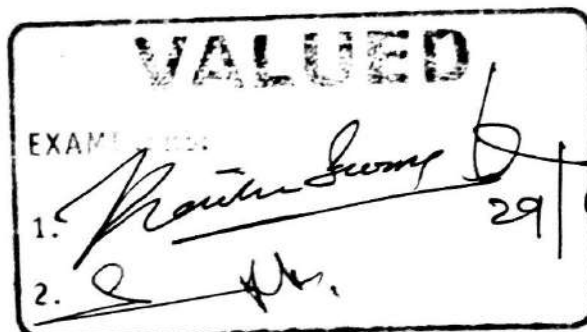

Vishnu V
Register No:S1803509


Rakshitha H R
Register No:S1803442


Monika E M
Register No:S1803397


Sania Baig
Register No:S1803538


Bi Bi Afsa
Register No:S1803336



CERTIFICATE

This is to certify that project entitled "LITERATURE SURVEY ON THRESHING TECHNIQUES OF CEREAL CROPS (PADDY , RAGI , MAIZE) IN MALNADU" carried out by ANUSHA H.E. (Register No: S1803314), DARSHAN B. (Register No: S1803351), MANJUNATHA M.B. (Register No: S1803391) PRATHVI (Register No:S1803432), NOOHA MASOOD (Register No:S1803530), VAISHNAVI C.N. (Register No: S1803500), and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2020-21.

This project or any part of it has not been previously submitted for award of any other degree, diploma or similar title project work.



HEAD OF THE DEPARTMENT

Prof. Sudhakara H. N, M.Sc.,M.Phil.,

HOD, Department of Botany
D V S College of Arts & Science
Shivamogga-577201



GUIDE

Prof. Sudhakara H. N M.Sc.,M.Phil.,

HOD, Department of Botany
D V S College of Arts & Science
Shivamogga-577201



Dr. Geetha Samak,

Principal

D V S College of Arts & Science
Shivamogga-577201

Certificate

This is to certify that project entitled **"DYE YIELDING PLANTS"** carried out by, **Ananya T M** (Register No:S1803308), **Kavya Kattimani** (Register No:S1803379) , **Najma Riffath** (Register No:S1803526), **Pooja K M** (Register No:S1803424), **Sinchana S R** (Register No:S1803471), **Syeda Hajira** (Register No:S1803493) and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2020-2021.

This project or any part of it has not been previously submitted for award of any other degree, diploma or similar title project work.



GUIDE

DR. H.V.ANIL KUMAR. FZSI Ph.D.M.Sc., (seri)
Associate Professor of sericulture
Department of Environmental Science
& Laboratory of Applied Biological Science
DVS college of arts and science
SHIVAMOGGA

Dr. H.V. ANIL KUMAR 77201
M.Sc., (Seril), Ph.D., FZSI
Associate Professor of Sericulture
HOD of Environmental Science,
DVS College of Arts & Science, SHIMOGA

Date: 18/09/2021
Place

Certificate

This is to certify that project entitled **“DYE YIELDING PLANTS”** carried out by, **Ananya T M** (Register No:S1803308), **Kavya Kattimani** (Register No:S1803379) , **Najma Riffath** (Register No:S1803526), **Pooja K M** (Register No:S1803424), **Sinchana S R** (Register No:S1803471), **Syeda Hajira** (Register No:S1803493) and submitted as partial fulfillment for completion of VI semester and award of Bachelor of Science (CBZ) from Kuvempu University, for the academic year 2020-2021.

This project or any part of it has not been previously submitted for award of any other degree, diploma or similar title project work.



GUIDE

DR. H.V. ANIL KUMAR. FZSI Ph.D.M.Sc., (seri)
Associate Professor of sericulture
Department of Environmental Science
& Laboratory of Applied Biological Science
DVS college of arts and science
SHIVAMOGGA – 577201

Dr. H.V. ANIL KUMAR,

M Sc., (Seri), Ph.D., FZSI
Associate Professor of Sericulture
HOD of Environmental Science,
DVS College of Arts & Science, SHIMOGA.

Date: 18/9/2021
Place