

NAAC (4<sup>th</sup> Cycle): A++ Grade, 3.70 Score



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## MIINUTES OF GOVERNING COUNCIL 2022 - 2023

3 MINUTES OF THE MEETING OF GOVERNING BODY HELD ON 20.10.2022 AT 11.30am Members Present: \* R. Tur Manie 1. Mar Tony Neelankavil 2. Dr. Cyriac Thomas 3. Dr. Santhash Nampy H. Dr. Sunitkumar. P.BC 5. D. F. Martin K.A 6. R. Byli Panengodan (1904 . Dr. Thormas Paul Kattakaran 8. Dr. Joby Thermas. 64 Santhosh Manpy The Governing body meeting common ced at 11.00 am with silent prayer. out of 11 members, 09 members were present in the meeting Govenment Nomine Dr. K. K Damo dalan, In the Sprenivasan and pr. E. D Jemmis informed their inconvenience to attend the meeting Agender. A cademie 1. Approval of decisions of Academic council held on 18/10/ 2022 2. Evaluation and ripproval of the to PG Admusion 2022. 3. Brifing on Autonomous visit held on and and 3rd June 2022. 4. New Academie calendar 2022-2023.

Examination .

- 5. Evaluation & Approval of US and PG results March / April 2022.
- 6. Examination malpractices and disposal. List of some cases.

Non Academie

- 7. Inneration and stast ups.
- 8. Craduation aremony of US and pla.
- 9. kny other matter permitted by the chair.

Occisions and Minutes.

Dr. Martin K.A principal welcomed The members of the averning Bedy present to The meeting. Man Tony Neelabolcard, the chairman in his presidential address, appreciated the presence and contributions of the external experte in the Geverning body for their creative involvement for The well-rounded develop ment of the inditution. Dr. Martin k.A., The member - sensetary, presented the menutes of The previous adverting Bedy meeting held on 25 ADni 2022, and explained the action taken on the sevelations. The meeting approved The minutes of the previous Crovelling Body meeting. There after, The Governing Body conside hed the agender clem wish and Alsolved The following

1. The member buritary presented the minutes of The Academic Council held on 18-10-2022 and brufed the decisions of Academic Consolid elion wire travering Body members commenced approved the minutes and septimizers of the diadeans council mating held on 18th [10] and

The principal briefed on the Utilite administer for the academic years save sores we informed that since administer was conducted afficiently, Us clanes could be started on the freet with of july. The Covering Body appreciated and approved the administer frace and entereded the principal & Take measures to encourse the recover of applications

3.

- The details on the work by wire & spart committee to anos and extend the thick resonance status of the college was bright in the meeting. It work should that the members capeused talestation on the curricular, co-curri and a adminic that is dynamics of the college to the light of the seport by the committee tales dates ded the Acits no means status of the college, for another five years from the second 20 of 2023 to 2021 2027, including ed pass facts approach. for the period 2020 and clause by all other her provisions \$13 and clause by af 040 Magulations dated 12-02-2018.
- 4. principal briefed the delaite afthe provide Unifer and sometre Examinations held during March/April 2022 and intronated

6

that The final results were published within fifteen days of the last examinations held. CiB evoluted the results in detail and congratulated the CE and his office for the sonorth conduct of examinations and for Lawing published the results within 15 days after the commations

5. Dr. Martin & A principal informed that malpractices were separted during the last and Someter examinations held during March/April 2022. Dr. Saja M. T., the charmen of enguing commission on malpractices cares, superied that the enguing process had seen completed on all the cases and penaltics and purcharments were effected on those students who committed malpractices during these examinations.

Non - Acadennie

6. Principal informed that innivation initiatives in the campus have been intensified and stastings have started functioning in the campus The FEDC of the college was flunded with Rugues Two bakks by the Kerala Starteyp Mission, Concomment of Kerala, for innovation activities for the activities of 2022-2023 GB applicated the inneration initiativies and hoped more startups would be incube ted in the campus in the years to come

Under any line promitted by the chase for the way durun und were made: (a) prenupal expressed that loved water coremany unde agained an ag-at 2022 as principal breeghed the life that the college was takked be to the realized instituted Parking Inaccount (NIRE) 2022, It is the The conference year the college has been ranked amonget the list 100 colleges on Inclus (c) the college was andereded 25 stars (out of the the manuellion contraction (dod - 2022) by the reined lay of education avanment of Indea (d) GB appreciated the achievements of the college and ackeevaled ged the polacipale, the faculty and students for their timber etterts . V Do. Joby Themas to extended woods of grate tude to all the mosters part upathel in the meeting P. Fasterne Dr. Harlin K.A Mar Tony Neelankard Manager & chairman Presupal & member Secretary



## **Action Taken Report**

## on

## Feedback Analysis on Curriculum

NAAC 5<sup>th</sup> Cycle Accreditation

NAAC (4<sup>th</sup> Cycle): A++ Grade, 3.70 Score

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### DEPARTMENT OF ECONOMICS

### ST. THOMAS' COLLEGE (AUTONOMOUS), THRISSUR

iqac.stceconomics@gmail.com

Programme Code: U1EC

Programme Name: BA ECONOMICS

| Sl. No. | Summary of feedback<br>received   | Action recommended   | Action taken  |
|---------|---|--|---|
| 1.      | To give special attention to<br>the concepts that is used in<br>everyday life.                | Recommended to introduce<br>a new paper "Economics in<br>Everyday Life"  |   |
| 2.      | To include relevant topics<br>related to Civil Service<br>Examinations                        | Suggested to incorporate<br>national importance topics<br>and current affairs  | Syllabus revised in 2019<br>by incorporating the<br>suggestions |
| 3.      | To incorporate regional importance subjects   | Decide to introduce a new<br>Elective paper " Urban<br>Economics "   |   |
| 4.      | To include recent<br>developments in Economics<br>and NET oriented Subjects                   | Suggested to add in the<br>papers of Macroeconomics<br>I & II and Economics of<br>Growth and development   |   |
| 5.      | To avoid repeated topics  | Decided to avoid repeated<br>topics especially<br>quantitative papers  | Syllabus revised in 2019<br>by incorporating the<br>suggestions |
| 6.      | To incorporate some basic<br>concepts in quantitative<br>techniques and Economics<br>subjects | Recommended to include<br>in the Quantitative<br>techniques II paper   |   |
| 7.      | To add historical<br>development of economic<br>theories                                      | Decided to introduce new<br>paper "Development of<br>Economic Thought"   |   |
| 8.      | To incorporate national importance topics   | Suggested to include in the<br>syllabus of<br>Macroeconomics I & II,<br>Economics of Growth and<br>Development and Urban<br>Economics                                    | Syllabus revised in 2019<br>by incorporating the                |
| 9.      | To include the topics to<br>inculcate a sense of social<br>responsibility among<br>students   | Recommended to include<br>the papers such as<br>Environmental Studies,<br>Disaster Management,<br>Intellectual Property Rights<br>and Gender Studies in<br>Audit courses | Principal<br>St. Thomas College (Autonomo<br>Thrissur - 680 001 |
|         | To include the extension of   | Recommended to   |   |
|         | CHARLES THREE   |  | 2 80,111  |

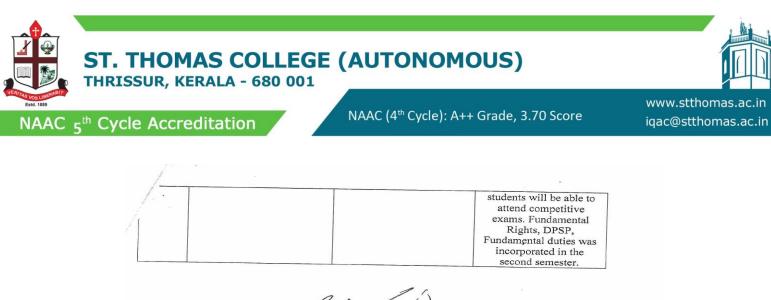


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| 1      | 4   | 1  | •  |
|--------|---|--|--|
| 1      | the existing theories   | incorporate in the syllabus<br>of paper Microeconomics<br>II and Quantitative<br>Techniques I  |  |
| 11.    | To include employment<br>oriented topics  | Decide to introduce new<br>paper 'Financial<br>Economics' in the syllabus  |  |
| 12.    | To include the topics to<br>improve the analytical skills<br>of the students and also<br>incorporate current relevant<br>topics.  | Suggested to incorporate<br>more topics in the<br>quantitative techniques part<br>and current issues in the<br>Economics papers            |  |
| 13.    | Most commented that<br>syllabus need to be updated<br>including all the necessary<br>basics while some cited the<br>vastness of the syllabus<br>especially those who are not<br>willing to pursue higher<br>education in the specified<br>field | Complementary can be<br>taught in two semesters<br>covering the basic topics<br>such as Fundamental<br>rights, DPSP, fundamental<br>duties | The curriculum has been<br>revised in 2019 as per the<br>suggestions. First and<br>second semester syllabus<br>was combined and that<br>will be taken in second<br>semester. Third and<br>Fourth semester was<br>combined and will be<br>taken on third semester.<br>Syllabus was updated<br>with necessary changes. |
| ·14.   | The need to update the<br>syllabi of Indian<br>Constitution according to<br>the needs of the time.  | Need to be updated for competitive examinations.   | The curriculum has been<br>revised in 2019 as per the<br>suggestions. Syllabi has<br>been updated so that<br>students will be able to<br>attend competitive exams  |
| 15.    | Update the syllabi as per the<br>changes in the Indian<br>Constitution and also<br>recommend to add new<br>emerging topics which has<br>social importance.  | Need to be updated for competitive examinations.   | The curriculum has been<br>revised in 2019 as per the<br>suggestions. GST, NITI<br>Aayog (101 st<br>Amendment), 103rd<br>amendment was added.<br>5th module of 3rd<br>Semester was added for<br>minorities and Socio<br>economic and cultural<br>rights.   |
| 16.    |   | Recommendations for<br>adding a section for<br>minority (Sexual,<br>linguistic, and religious)<br>and Socio-cultural rights.               | ~  |
| 17.    | Additional care should be<br>given to those topics which<br>(AUT Googneficial for<br>employment in public sector  | Syllabi need to be updated<br>as per the needs of<br>competitive examinations.   | The curriculum has been<br>revised in 2019 as per the<br>suggestions. Syllabi have<br>been updated so that<br>Principal  |
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incorporated in the second sensester.

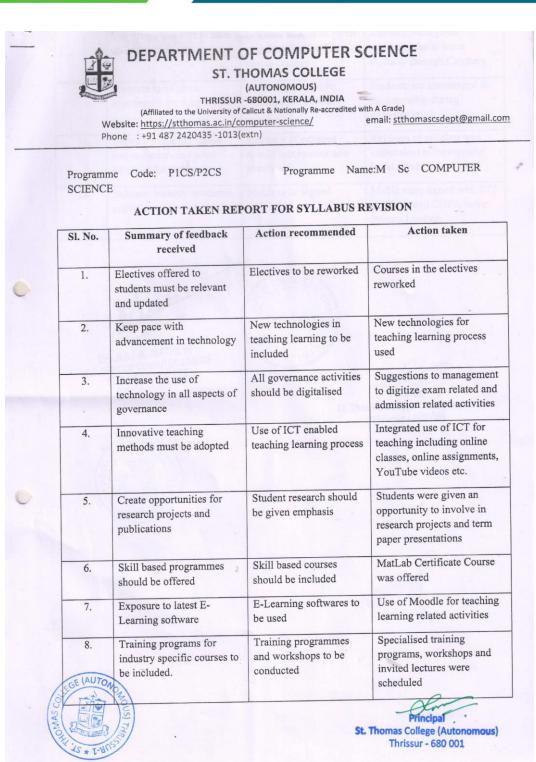


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|     | Encourage students to take<br>up online courses   | Students should be given<br>opportunities for free<br>online courses | Students were given<br>opportunities to learn<br>digitally through Coursera |
|-----|---|--|---|
| 10. | Students to be given<br>opportunity for internships   | Internship should be<br>included in syllabus                         | Students are encouraged to<br>do internship during<br>semester break        |
| 11. | Enrich curriculum taking<br>into consideration latest<br>trends in the field.                   | Revision of syllabus<br>should incorporate new<br>trends             | Revision of syllabus was<br>undertaken to incorporate<br>latest trends      |
| 12. | Enhance industry academia activities  | MoUs to be signed  | MoUs were signed with ICT<br>academy and CUFA India<br>Private Limited.     |
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|     | A MATHEW  | * THRISSUR-1   |   |
|     | r. JJU. A. MATHER SCIENCE<br>EPT. OF COMPUTER SCIENCE<br>ST. THOMAS' COLLEGE<br>THRISSUR-680001 | I'UMAS' (GL  | Principal<br>mas College (Autonomous)                                       |
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|     |   |  |   |
| 10  | 14 15 * 1-8 153   |  |   |
|     |   | anoulo be included   |   |
|     |   |  |   |
|     |   |  | Specialized training<br>programs, workshops and<br>not because were         |
|     |   |  |   |
|     |   |  |   |

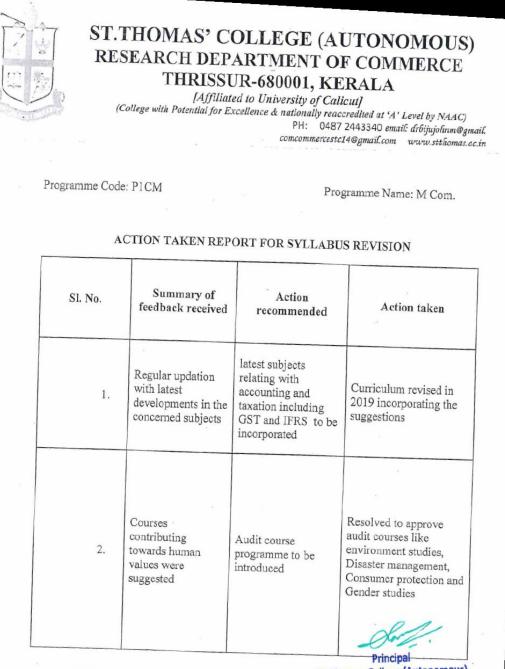


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### ST.THOMAS' COLLEGE (AUTONOMOUS) RESEARCH DEPARTMENT OF COMMERCE THRISSUR-680001, KERALA

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| 3. | Ignoring outdated<br>topics like General<br>Informatics etc and<br>adding more topics<br>with all the<br>necessary content. | modification and<br>revision of<br>curriculum by<br>incorporating latest<br>topics | General informatics was<br>replaced by Professional<br>business skill                             |
|----|---|--|---|
| 4. | more clarity on<br>course relevance to<br>be provided   | course outcomes for<br>all courses were<br>discussed and<br>finalized              | Attached the programme<br>outcome and programme<br>specific outcome from<br>2019 syllabus onwards |
| 5. | Field trips to attain<br>real world<br>experience in trade<br>commerce and<br>industry                                      | industrial visit to be<br>incorporated   | incorporated study tour<br>and industrial visit along<br>with duration in the<br>syllabus         |
| 6. | Courses pertaining<br>to career<br>development to be<br>incorporated  | Add on Course to be<br>introduced  | Value added Course on<br>Common Admission test<br>MBA Programme was<br>introduced.                |





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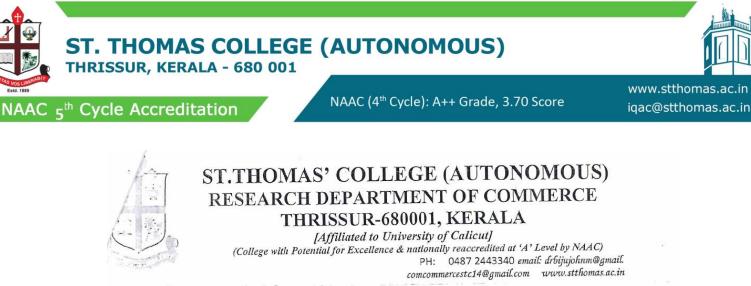
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|                |  | and the second s |  |                             |
|----------------|--|--|--|-----------------------------|
| 7.             | Quantitative<br>techniques taught in<br>the syllabus should<br>focus more on<br>supporting research<br>based activities.   | Hypothesis testing,<br>one and two tailed<br>test, calculation and<br>use of p value, one<br>sample and two<br>sample test,<br>chisquare test for<br>independence and<br>goodness of fit added<br>to the course<br>Quantitative<br>techniques for<br>business  | Curriculum revision and<br>modifications<br>incorporating the<br>suggestions.  |                             |
| 8.             | Help students to<br>make use of job<br>opportunities in<br>Investment and<br>banking sector, and<br>equip them with<br>equity research,<br>financial analysis,<br>and project finance. | Certificate course<br>should be included   | Certificate course in<br>capital market was<br>introduced to the<br>curriculum.  |                             |
| 9.             | Professional ethics<br>and human value<br>should be imparted<br>in curriculum  | Topics relating to<br>corporate social<br>responsibility,<br>Corporate goverance<br>in the management<br>of organisation<br>should be included in<br>the curriculum.   | suggested changes  | enomous)                    |
| AND AND SCOLOR | OUST THREE   |  | Associato Professor and<br>Research Dept of Comme<br>St. Thomas College (Autono)<br>Thrissur, Kerata - 630.00<br>9447448568 drbijujohnm @9 | -lead<br>arce<br>mous)<br>M |



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Programme Code: U1CF/U1CB/U2CF

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Programme Name: B Com.

| Sl. No. | Summary of<br>feedback<br>received   | Action<br>recommended   | Action taken   |
|---------|--|---|--|
| 1.      | Regular<br>updation with<br>latest<br>developments in<br>the concerned<br>subjects | latest subjects<br>relating with<br>accounting and<br>taxation<br>including GST<br>and IFRS to be<br>incorporated | Curriculum<br>revised in 2019<br>incorporating<br>the suggestions  |
| 2.      | Courses<br>contributing<br>towards human<br>values were<br>suggested               | Audit course<br>programme to<br>be introduced   | Resolved to<br>approve audit<br>courses like<br>environment<br>studies,<br>Disaster<br>management,<br>Consumer<br>protection and<br>Gender studies |

## ACTION TAKEN REPORT FOR SYLLABUS REVISION







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Programme Code: U1CF/U1CB/U2CF

Programme Name: B Com.

| Sl. No. | Summary of<br>feedback<br>received   | Action<br>recommended   | Action taken   |
|---------|--|---|--|
| . 1.    | Regular<br>updation with<br>latest<br>developments in<br>the concerned<br>subjects | latest subjects<br>relating with<br>accounting and<br>taxation<br>including GST<br>and IFRS to be<br>incorporated | Curriculum<br>revised in 2019<br>incorporating<br>the suggestions  |
| 2.      | Courses<br>contributing<br>towards human<br>values were<br>suggested               | Audit course<br>programme to<br>be introduced   | Resolved to<br>approve audit<br>courses like<br>environment<br>studies,<br>Disaster<br>management,<br>Consumer<br>protection and<br>Gender studies |

## ACTION TAKEN REPORT FOR SYLLABUS REVISION



Principal St. Thomas College (Autonomous) Thrissur - 680 001

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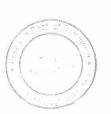
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| 7. | Quantitative<br>techniques<br>taught in the<br>syllabus should<br>focus more on<br>supporting<br>research based<br>activities.   | Hypothesis<br>testing, one and<br>two tailed test,<br>calculation and<br>use of p value,<br>one sample and<br>two sample<br>test, chisquare<br>test for<br>independence<br>and goodness<br>of fit added to<br>the course<br>Quantitative<br>techniques for<br>business | Curriculum<br>revision and<br>modifications<br>incorporating<br>the<br>suggestions.   |
|----|--|--|---|
| 8. | Help students to<br>make use of job<br>opportunities in<br>Investment and<br>banking sector,<br>and equip them<br>with equity<br>research,<br>financial<br>analysis, and<br>project finance. | Certificate<br>course should<br>be included  | Certificate<br>course in<br>capital market<br>was introduced<br>to the<br>curriculum. |





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| 9.  | Professional<br>ethics and<br>human value<br>should be<br>imparted in<br>curriculum  | Topics relating<br>to corporate<br>social<br>responsibility,<br>Corporate<br>goverance in<br>the<br>management of<br>organisation<br>should be<br>included in the<br>curriculum. | Curriculum<br>revised in 2019<br>including all<br>the suggested<br>changes |
|-----|--|--|--|
| 10. | Good opinion<br>regarding<br>current syllabus<br>and curriculum<br>but suggested to<br>incorporate<br>latest trends in<br>banking and<br>financial<br>institutions | Incorporate<br>case study and<br>procedure for<br>application or<br>activation of<br>net banking,<br>banking and<br>telebanking.   | Curriculum<br>revised in 2019<br>including all<br>the suggested<br>changes |





Programme Code: PICH

Programme Name: M Sc CHEMISTRY

#### Summary of feedback SI. Action taken Action recommended received No. Certificate course on Advanced laboratory A certificate course on 1. advanced analytical advanced instrumental course on instrumental techniques techniques is recommended. facilities with lab. recommended. UGC-The industry-based Industry based CSIR-NET-GATE curriculum not recommended curriculum competitive coaching because all the students are for students not looking for industry. However, industry-based topics and practicals recommended Provide competitive exams The syllabus should 2. for like JAM and NET-CSIR cover all areas of topics for competitive exams. Latest methods of characterization of materials, the chemistry of nanomaterials and click chemistry Certificate course and add on Modules on the 3. courses in environment and environment, ecology, chemistry recommended climate change etc are essential and students' exposure required for a sustainable life and humanity. Reference book encourage book reading and Encourage book reading 4. reading recommended journal reading and journal reading orientation talks of Arrange orientation talk on Orientation on job 5. alumni to motivate alumni opportunities







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### **Research and PG Department of Chemistry**

St.Thomas' College (Autonomous), Thrissur, Kerala-680 001, India

(Autonomous under University of Calicut & Nationally reaccredited at A stature by NAAC -Score 3.40 in Third cycle)

| 6.  | The problem-solving<br>approach in question<br>papers   | Problem-solving as assignment recommended   | students, hand on<br>experience on<br>instrumental   |
|-----|---|---|--|
| 7.  | Hands-on experience in instrumental training  | Courses like advanced<br>instrumental techniques<br>provide hands-on experience<br>in instrument training | techniques. Orientation<br>talk by prestigious<br>alumni arranged  |
| 8.  | Change of question paper<br>pattern from descriptive<br>to a problem based for<br>improvement in<br>competitive exam  | The internal examination can<br>be carried out in a<br>competitive examination<br>model                   | Question answering<br>based on the problem<br>Electives adopted such<br>as industrial catalysis,<br>natural products and         |
| 9.  | Electives like<br>petrochemical and<br>cosmetics, natural<br>products and polymer<br>should be incorporated   | Electives with job<br>opportunities   | polymers, petroleum<br>and cosmetics.<br>Removed the repeated<br>parts from the syllabus   |
| 10. | Three-month research<br>project instead of the<br>two-month project   | Students get research flavor<br>non-residential projects in<br>reputed institutes                         |  |
| 11. | Avoid duplication in the syllabus   | Avoid duplication in the syllabus   |  |
| 12. | Up gradation of<br>laboratory experiments.<br>Industry-based works.<br>Practical class on<br>research, how to read the<br>paper, how to use<br>chemistry software. How<br>to run sophisticated<br>instruments | Short research projects to<br>enhance the student's<br>enthusiasm in research                             | Short research project<br>in 1 st year<br>recommended. Add on<br>courses are provided<br>by the college based<br>on this purpose |
| 13. | Provide courses in<br>writing and<br>communication skills.  | Add on courses college-level<br>inter-department<br>collaboration   |  |



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#### **Research and PG Department of Chemistry**

### St.Thomas' College (Autonomous), Thrissur, Kerala-680 001, India

(Autonomous under University of Calicut & Nationally reaccredited at A stature by NAAC -Score 3.40 in Third cycle)

| 6.  | The problem-solving approach in question papers   | Problem-solving as assignment recommended   | students, hand on<br>experience on<br>instrumental   |
|-----|---|---|--|
| 7.  | Hands-on experience in instrumental training  | Courses like advanced<br>instrumental techniques<br>provide hands-on experience<br>in instrument training | techniques. Orientation<br>talk by prestigious<br>alumni arranged  |
| 8.  | Change of question paper<br>pattern from descriptive<br>to a problem based for<br>improvement in<br>competitive exam  | The internal examination can<br>be carried out in a<br>competitive examination<br>model                   | Question answering<br>based on the problem<br>Electives adopted such<br>as industrial catalysis,<br>natural products and         |
| 9.  | Electives like<br>petrochemical and<br>cosmetics, natural<br>products and polymer<br>should be incorporated   | Electives with job<br>opportunities   | polymers, petroleum<br>and cosmetics.<br>Removed the repeated<br>parts from the syllabus   |
| 10. | Three-month research<br>project instead of the<br>two-month project   | Students get research flavor<br>non-residential projects in<br>reputed institutes                         |  |
| 11. | Avoid duplication in the syllabus   | Avoid duplication in the syllabus   |  |
| 12. | Up gradation of<br>laboratory experiments.<br>Industry-based works.<br>Practical class on<br>research, how to read the<br>paper, how to use<br>chemistry software. How<br>to run sophisticated<br>instruments | Short research projects to<br>enhance the student's<br>enthusiasm in research                             | Short research project<br>in 1 st year<br>recommended. Add on<br>courses are provided<br>by the college based<br>on this purpose |
| 13. | Provide courses in<br>writing and<br>communication skills.  | Add on courses college-level<br>inter-department<br>collaboration   |  |



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NAAC (4<sup>th</sup> Cycle): A++ Grade, 3.70 Score

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### **Research and PG Department of Chemistry**

St.Thomas' College (Autonomous), Thrissur, Kerala-680 001, India

(Autonomous under University of Calicut & Nationally reaccredited at A stature by NAAC -Score 3.40 in Third cycle)

| 8.  | Industrial visits in every year  | Industrial visit every year recommended                                    | every year allowed.<br>investigatory review<br>projects recommended   |
|-----|--|--|---|
| 9.  | Investigatory review<br>projects   | investigatory review<br>projects<br>recommended                            |   |
| 10. | Continuous grading for<br>Lab system   | Not recommended regular courses  | Literature review<br>recommended for BSc<br>projects. Add on<br>courses languages and<br>speaking improvement |
| 11. | Systematic up gradation<br>of BSc projects.<br>Communication skill<br>should be improved | encourage students to<br>go literature review<br>and to do quality<br>work |   |

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Thrissur - 680 001



NAAC (4<sup>th</sup> Cycle): A++ Grade, 3.70 Score

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RESEARCH & POSTGRADUATE DEPARTMENT OF BOTANY

## ST.THOMAS' COLLEGE (AUTONOMOUS) **THRISSUR, KERALA-680001**

(Nationally accredited at 'A' level by NAAC & affiliated to University of Calicut)

Programme Code: U1BT

Programme Name: B Sc BOTANY

| Sl. No. | Summary of feedback received  | Action<br>recommended   | Action taken  |
|---------|---|---|---|
| 1,      | Most commented that syllabus was<br>updated including all the necessary<br>basics while some cited the vastness<br>of the syllabus especially those who<br>are not willing to pursue higher<br>education in the specified field | Reduction of number<br>of types in classic<br>subjects such as<br>Pteridology and<br>Mycology and topics<br>in Metabolism | Curriculum revised in<br>2019 incorporating the<br>suggestions  |
| 2.      | Practical oriented learning and field<br>trips to inculcate a passion towards<br>nature and the subject   | Practicals should be<br>given more<br>importance and field<br>trips incorporated  | Study trips not<br>mentioned in syllabus<br>were incorporated<br>along with laboratory<br>visits                            |
| 3.      | Scientific temper should be instilled<br>in the students  | Measures to impart<br>research aptitude<br>among students   | Scientific projects<br>implemented from firs<br>year onwards inorder<br>to inculcate research<br>aptitude among<br>students |
| 4.      | Bioinformatics syllabus content<br>very difficult to learn without<br>practical knowledge   | Reduction of theory<br>topics in<br>Bioinformatics  | Curriculum revised in<br>2019 incorporating the<br>suggestions  |

### ACTION TAKEN REPORT FOR SYLLABUS REVISION



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| 5.  | Value added topics should be included in syllabus  | Value added course should be   | Certificate course in<br>Horticulture was  |
|-----|--|--|--|
|     |  | incorporated   | started  |
| 6.  | Application based rather than theory based learning  | Laboratory visits<br>should be<br>incorporated in<br>syllabus; Assignments<br>more application<br>oriented | Curriculum revised in<br>2019 incorporating the<br>suggestions   |
| 7.  | Reproductive Botany and<br>Palynology should be included in<br>First Semester along with<br>Angiosperm Anatomy as it needs to<br>be clubbed together for better<br>understanding | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions<br>mentioned in<br>feedback   | Curriculum revised in<br>2019 including all the<br>suggested changes   |
| 8.  | Research Methodology should be<br>moved from Second semester to<br>Fourth semester as it should act as a<br>preamble to do research project in<br>the final year                 | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions<br>mentioned in<br>feedback   |  |
| 9.  | Discrepancy in the amount of<br>content included in Bioinformatics<br>syllabus and hour allotted   | Bioinformatics<br>syllabus reduced in<br>accordance with the<br>hour allotted                              | Curriculum revised in<br>2019 including all the<br>suggested changes   |
| 10. | Courses should be included to<br>inculcate a sense of social<br>responsibility among students  | Audit courses should<br>be included  | Audit courses such as<br>Environment Studies,<br>Disaster Management<br>Intellectual Property<br>Right and Gender<br>Studies included in<br>revised Curriculum |
| 11. | Additional care to develop communicative and language skills   | Measures to improve<br>language skills shall<br>be administered  | English language was<br>kept mandate for<br>seminars and<br>discussions in class   |

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### DEPARTMENT OF ECONOMICS

### ST. THOMAS' COLLEGE (AUTONOMOUS), THRISSUR

iqac.stceconomics@gmail.com

Programme Code: PIEC

Programme Name: MA ECONOMICS

| Sl. No. | Summary of feedback<br>received   | Action recommended  | Action taken   |
|---------|---|---|--|
| 1.      | To include a more<br>quantitative part in the<br>Syllabus   | Recommended increasing the topics<br>in the first and second-semester<br>quantitative papers and last semester<br>Mathematical Economics paper. | Syllabus revised   |
| 2.      | To incorporate<br>employability topics in the<br>syllabus   | Decide to introduce a paper<br>'Banking: Theory and Practice' as<br>an elective paper.  | in 2019 by<br>incorporating the<br>suggestions                     |
| 3.      | To include research<br>aptitude course in the<br>syllabus   | Recommended for a certificate<br>course related to Research<br>Methodology.   |  |
| 4.      | To incorporate internship<br>programme in the<br>curriculum   | Recommend doing any internship<br>programme as a part of their Audit<br>course  |  |
| .5.     | To revise the syllabus<br>following the syllabus of<br>UGC-NET and other<br>competitive Exams.                    | Suggested to incorporate the<br>syllabus of UGC-NET and currently<br>relevant topics to the Economics<br>main papers                            | Syllabus revised<br>in 2019 by<br>incorporating the<br>suggestions |
| 6.      | There needs to be a more<br>inclusive syllabus focusing<br>on international<br>applications and its<br>relevance. | Recommended changes in the<br>papers such as 'International Trade<br>and 'International Finance'  |  |
| 7.      | To incorporate additional development in the quantitative papers.   | Recommend extending some of the topics in the paper Econometrics  |  |
| 8.      | To introduce a paper that is socially relevant and regionally important.  | Recommended to introduce a new paper "Demography" as an elective course.  | Syllabus revised   |
| 9.      | To incorporate any<br>statistical packages to help<br>the analysis of their project<br>work.                      | Suggested doing any statistical package courses as one of their Audit Courses.  | in 2019 by<br>incorporating the<br>suggestions                     |
| 10.     | To incorporate computer<br>applications into the<br>syllabus  | Suggested to do basic computer applications in the project work   |  |
| 11.     | To develop communicative  | Recommended to do seminars and discussions in the English language  |  |
|         | OUST THREE STORES   | discussions in the English language<br>Principal<br>St. Thomas College (Autono<br>Thrissur - 680 001  | mous Dr. Salo  |





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Programme Code: U1EH

Programme Name: BA HISTORY AND ENGLISH

| Sl. No. | Summary of feedback<br>received   | Action<br>recommended   | Action taken   |
|---------|---|---|--|
| 1.      | Suggested that syllabus<br>for Double main should<br>be revised                         | Measures taken to revise the Syllabus   | More comprehensive and<br>elaborate syllabus was<br>designed   |
| 2.      | The syllabus should<br>create an interest among<br>students towards higher<br>education | Measure taken to<br>create an indepth<br>syllabus   | -  |
| 3.      | Syllabus should provide<br>scope for higher<br>education                                | Measures taken to<br>revise the Syllabus to<br>give an thorough<br>knowledge about the<br>subject     | The Syllabus was revised<br>to give an in depth<br>knowledge about the<br>subject and study tours<br>became compulsory.  |
| 4.      | The syllabus should be revised  | Measures taken to revise the syllabus   |  |
| 5.      | It should be more<br>practical oriented   | Suggested to<br>implement study<br>tours or institutional<br>visit as compulsory                      | -  |
| 6.      | Course should provide a<br>social responsibility<br>among students                      | Measures taken to<br>add programmes<br>which will equip the<br>students with social<br>responsibility | The Curriculum was<br>designed to add<br>programmes which will<br>equip the students with<br>social responsibility.<br>Students were asked to do<br>projects addressing<br>regional needs. The<br>syllabus was revised to<br>incorporate the new |
| 7.      | The syllabus should focus<br>on regional needs.   | For this purpose<br>students were<br>expected to do project<br>focussing on their<br>locality         |  |
| 8.      | The programme should<br>focus on current<br>development in history                      | Measures taken to<br>add new<br>developments in<br>history  | developments in History<br>such as environmental,<br>gender studies, cultural<br>histories   |



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NAAC (4<sup>th</sup> Cycle): A++ Grade, 3.70 Score

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### RESEARCH & POSTGRADUATE DEPARTMENT OF ENGLISH St. Thomas' College (Autonomous) Thrissur, Kerala-680001

AFFILIATED TO UNIVERSITY OF CALICUT & Nationally Reaccredited with 'A' Grade

Programme Code: U1EH

Programme Name: BA HISTORY AND ENGLISH

#### Action taken Action SI. No. Summary of feedback recommended received Curriculum revised in Contemporary writers Majority of the comments 1. and works may be 2019 incorporating the suggest the updated and inclusive nature of the included in the suggestions syllabus while a few syllabus mentioned that including some more contemporary topics would make the syllabus further updated. Recommendations are Increase the share of More topics should 2. given to cover more syllabus covered by ICT, be covered using ICT topics using ICT seminars, conferences etc. Certificate/value Certificate course Opportunity for students 3. to improvise their added courses following the B1 Cambridge format is communication skills. favoring development of language skills. offered to the students. Steps should be taken Most of the students Curriculum revised in 4. 2019 incorporating the agreed with the updated to maintain the updated nature of the suggestions and comprehensive syllabus. nature of the syllabus. Several value added Value added course Majority of the responded 5. courses favoring students' to positively regarding should be professional development incorporated the relevance of the are initiated at the syllabus and the way it institutional level. favors students' professional development and preparation for job.



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| The syllabus prepares and | More topics favoring  | Curriculum revised in   |
|---------------------------|---|---|
| motivates students to     |   | 2019 incorporating the  |
| pursue higher             |   | suggestions   |
|                           |   |   |
|                           |   | Curriculum revised in   |
| need based.               |   | 2019 including all the suggested changes  |
|                           |   | suggested changes   |
|                           | 00  |   |
|                           |   |   |
| ICT based topics should   | More topics should  | Recommendations are   |
| be increased.             | be covered using ICT  | given to cover more   |
|                           | -   | topics using ICT  |
| Aims and objectives of    | Measure to mention  | Curriculum revised in   |
| this syllabus are well-   | 1 0   | 2019 including all the  |
| defined and clear.        |   | suggested changes   |
|                           |   |   |
|                           |   |   |
|                           |   |   |
|                           | 1 0   | <i>v</i>  |
| Current Curriculum and    | Curriculum revision   | Curriculum revised in   |
| teaching methodology is   | and modifications   | 2019 including all the  |
| good.                     | incorporating the   | suggested changes   |
|                           |   |   |
| a <sup>(36)</sup>         |   |   |
|                           |   | <u> </u>  |
|                           |   | Several value added   |
|                           |   | courses favoring students'  |
| and language skills       | be administered   | professional development<br>are initiated at the  |
|                           |   | institutional level.  |
|                           | motivates students to         pursue higher         education/research.         Syllabus is suitable and         need based.         ICT based topics should         be increased.         Aims and objectives of         this syllabus are well-         defined and clear.         Current Curriculum and         teaching methodology is | motivates students to<br>pursue higher<br>education/research.the inculcation of<br>research skills may be<br> |





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Programme Code: U1EH

Programme Name: BA HISTORY AND ENGLISH

| Sl. No. | Summary of feedback<br>received   | Action<br>recommended   | Action taken  |
|---------|---|---|---|
| 1.      | Suggested that syllabus<br>for Double main should<br>be revised                         | Measures taken to revise the Syllabus   | More comprehensive and<br>elaborate syllabus was<br>designed  |
| 2.      | The syllabus should<br>create an interest among<br>students towards higher<br>education | Measure taken to<br>create an indepth<br>syllabus   |   |
| 3.      | Syllabus should provide<br>scope for higher<br>education                                | Measures taken to<br>revise the Syllabus to<br>give an thorough<br>knowledge about the<br>subject     | The Syllabus was revised<br>to give an in depth<br>knowledge about the<br>subject and study tours<br>became compulsory.   |
| 4.      | The syllabus should be revised  | Measures taken to revise the syllabus   |   |
| 5.      | It should be more<br>practical oriented   | Suggested to<br>implement study<br>tours or institutional<br>visit as compulsory                      | -<br>-  |
| 6.      | Course should provide a social responsibility among students                            | Measures taken to<br>add programmes<br>which will equip the<br>students with social<br>responsibility | The Curriculum was<br>designed to add<br>programmes which will<br>equip the students with<br>social responsibility.       |
| 7.      | The syllabus should focus<br>on regional needs.   | For this purpose<br>students were<br>expected to do project<br>focussing on their<br>locality         | Students were asked to do<br>projects addressing<br>regional needs. The<br>syllabus was revised to<br>incorporate the new |
| 8.      | The programme should<br>focus on current<br>development in history                      | Measures taken to<br>add new<br>developments in<br>history  | developments in History<br>such as environmental,<br>gender studies, cultural<br>histories                                |

### ACTION TAKEN REPORT FOR SYLLABUS REVISION



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### **RESEARCH & POSTGRADUATE DEPARTMENT OF ENGLISH** St. Thomas' College (Autonomous) Thrissur, Kerala-680001

AFFILIATED TO UNIVERSITY OF CALICUT & Nationally Reaccredited with 'A' Grade

Programme Code: P1EH

#### Programme Name: MA ENGLISH LANGUAGE AND LITERATURE

| Sl. No. | Summary of feedback<br>received  | Action recommended  | Action taken   |
|---------|--|---|--|
| 1.      | Most expressed satisfaction<br>regarding the updated status of<br>the syllabus, and favored further<br>additions of contemporary<br>writers and works                            | Curriculum should be<br>updated according to<br>recent developments                                   | Curriculum revised in<br>2019 incorporating recent<br>developments; Advanced<br>reading topics were<br>included in revised<br>syllabus |
| 2.      | More importance to literary<br>theory, cultural studies and film<br>theory may help the students to<br>remain better updated.  | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions mentioned<br>in feedback | Curriculum revised in 2019 incorporating the suggested changes   |
| 3.      | Skill/Language development<br>courses should be included in<br>curriculum  | Value added courses<br>were recommended   | More language courses/<br>value added courses were<br>decided to be offered.<br>(English, German, Italian,<br>French)                  |
| 4.      | Most of the students agreed<br>with the updated and<br>comprehensive nature of the<br>syllabus.  | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions mentioned<br>in feedback | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |
| 5.      | Majority of the responded to<br>positively regarding the<br>relevance of the syllabus and<br>the way it favors students'<br>professional development and<br>preparation for job. | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions mentioned<br>in feedback | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |



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| 6.  | The syllabus prepares and  | Curriculum revision   | Curriculum revised in   |
|-----|--|---|---|
|     | motivates students to pursue<br>higher education/research.   | and modifications<br>incorporating the<br>suggestions mentioned<br>in feedback                        | 2019 incorporating the suggested changes  |
| 7.  | The syllabus covers recent trends and developments.  | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions mentioned<br>in feedback | Curriculum revised in 2019 incorporating the suggested changes  |
| 8.  | Syllabus is suitable and need<br>based. An increased focus for<br>ICT based topics can make the<br>syllabus better.                    | Addition of trending<br>technologies in the<br>curriculum   | Each paper was updated<br>with latest developments<br>in the revised syllabus   |
| 9.  | Aims and objectives of this syllabus are well-defined and clear.   | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions mentioned<br>in feedback | Curriculum revised in<br>2019 incorporating the<br>suggested changes  |
| 10. | There is good balance between<br>theory and application in the<br>syllabus.  | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions mentioned<br>in feedback | Curriculum revised in<br>2019 incorporating the<br>suggested changes  |
| 11. | Additional care/courses for<br>improving skill in languages<br>can help to perform better in a<br>globalized and competitive<br>world. | Value added courses<br>were recommended   | More language courses/<br>value added courses were<br>decided to be offered.<br>(English, German, Italian,<br>French)                             |
| 12. | Activities favoring development<br>of research skill should be given<br>more importance.   | Start a course helping<br>to cater their research<br>skills   | Audit course familiarize<br>the students with the<br>traditions and trends in<br>writing – both academic<br>and professional was<br>incorporated. |



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### PG & RESEARCH DEPARTMENT OF MATHEMATICS

St. Thomas' College (Autonomous), Thrissur Thrissur District, Kerala State -680001 Affiliated to University of Calicut & nationally accredited with A Grade Tel 0487 2420435, Fax 0487 2421510 Email: maths@stthomas.ac.in

Programme Code: U1MP/U1MC

Programme Name: B Sc MATHEMATICS

### ACTION TAKEN REPORT FOR SYLLABUS REVISION

| Sl. No. | Summary of feedback received  | Action<br>recommended   | Action taken  |
|---------|---|---|---|
| 1.      | No need to give more emphasis<br>to the introductory sections in<br>Basic Mathematical Analysis.(<br>Basic set theory, Functions and<br>Mathematical induction) | Recommended to<br>remove the mentioned<br>topics from the<br>syllabus- module 1.  | Removed the<br>mentioned topics<br>from the course<br>syllabus of Basic<br>Mathematical<br>Analysis   |
| 2.      | Most commented that syllabus<br>is good, including all the basic<br>courses, while some cited to<br>include new courses.  | A new course should<br>be included in the<br>syllabus.  | A new course,<br>Introduction to<br>Geometry is included<br>in the syllabus.  |
| 3.      | Include special linear group,<br>General linear group in the<br>course Abstract algebra   | Include special linear<br>group, General linear<br>group in the syllabus<br>of Abstract algebra                                   | Included the<br>mentioned topics in<br>the syllabus of<br>Abstract algebra<br>(Module 1).   |
| 4.      | Most suggested that all the core<br>papers are in the final year, so<br>they feel difficulty in the final<br>year.  | Try to include core<br>papers in first year<br>and second year so<br>that students get a<br>right direction to the<br>final year. | In the first semester a<br>core paper, Basic<br>Logic and Number<br>Theory and in the<br>Fourth semester<br>another core paper<br>Linear Algebra are<br>included in the<br>syllabus |
| 5.      | Basic Mathematical Analysis<br>is not interested to study   | Remove proofs of<br>lengthy and<br>unnecessary theorems<br>in Basic Mathematical<br>Analysis                                      | Course syllabus<br>revised in 2019<br>incorporating the<br>suggestions  |



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NAAC 5<sup>th</sup> Cycle Accreditation

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| 6.  | Complex analysis will be more<br>effective if the concepts are<br>introduced through more<br>examples, illustrations, and<br>applications.  | Change the textbook<br>for the 4th module of<br>the course of Basic<br>Mathematical<br>Analysis                             | Dennis Zill, Patric<br>Shanahan - Complex<br>Analysis: A first<br>course with<br>Applications 3rd edn<br>is chosen for the 4th<br>module of the course.  |
|-----|---|---|--|
| 7.  | Change the topics of Matrices<br>into second year B.Sc. Core<br>course  | Include The topics of<br>Matrices in the second<br>year B.Sc. Core<br>course  | Course syllabus<br>revised in 2019<br>incorporating the<br>suggestions   |
| 8.  | Minimize the topics of Number<br>theory and linear algebra  | Change the topics of<br>vector spaces from the<br>course of Abstract<br>Algebra second year<br>B.Sc. Core course            | Course syllabus<br>revised in 2019<br>incorporating the<br>suggestions   |
| 9.  | Basic Mathematical Analysis<br>syllabus is updated including<br>all the necessary basics while<br>some cited the vastness of the<br>syllabus is difficult to students<br>especially those who are not<br>willing to pursue higher<br>education in the specified field | reduce the topics in<br>Complex numbers   | Course syllabus<br>revised in 2019<br>incorporating the<br>suggestions   |
| 10. | Give a good foundation in mathematical logic  | Introduce different<br>types of proof<br>methods in first<br>semester core syllabus   | The syllabus of Basic<br>Logic and Number<br>theory in 2019<br>revision is formed by<br>incorporating the<br>suggestion.   |
| 11. | More applied courses should be<br>included  | Application of<br>Mathematics should<br>be specified in each<br>course and try to<br>include Applied<br>Mathematics courses | Application side of<br>each course is<br>specified in the most<br>of the courses in<br>syllabus 2019. Also,<br>applied Mathematics<br>courses such as<br>Graph Theory,<br>Mathematical<br>Programming with<br>Python & Latex,<br>Linear programming<br>are included as<br>elective courses in th |



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### PG & RESEARCH DEPARTMENT OF MATHEMATICS

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Programme Code: P1MM

Programme Name: M Sc MATHEMATICS

| Sl. No. | Summary of feedback<br>received  | Action<br>recommended   | Action taken   |
|---------|--|---|--|
| 1.      | Prescribed text book of Real<br>Analysis II course is not easy<br>to understand  | change the prescribed<br>text   | Text book changed to<br>REAL ANAYLSIS<br>(4th Edn.), H.<br>L.Royden ,P. M.<br>FitzpatrickH.L. in 2019<br>syllabus revision   |
| 2.      | Reduce the topics in this<br>course of Number Theory   | Exclude the chapter 5<br>from the syllabus of<br>this course and<br>Exclude some topics<br>from the section<br>Cryptography | Course syllabus revised<br>in 2019 incorporating<br>the suggestions  |
| 3.      | Suggested that the text book<br>for the course Functional<br>Analysis as well as Advanced<br>functional Analysis should be<br>more self contained. | Recommended to<br>choose a text which<br>contains more<br>exercises and<br>solutions.                                       | The text book of<br>functional analysis<br>course is changed to<br>Functional Analysis:<br>An Introduction by<br>Yuli Eidelman, Vitali<br>Milman, and Antonis<br>Tsolomitis. Graduate<br>Studies in<br>Mathematics, Volume<br>66, 2004. ISBN: 978-0-<br>8218-3646-0. in 2019<br>syllabus revision. |



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| 4. | Very difficult to understand<br>the approach of text book of<br>complex analysis course  | Use reader friendly<br>books as prescribed<br>text   | The text book of<br>complex analysis<br>course is changed to<br>JOHN B. CONWAY,<br>FUNCTIONS OF ONE<br>COMPLEX<br>VARIABLE (2nd<br>Edn.); Springer<br>International Student<br>Edition; 1992 in 2019<br>syllabus revision.   |
|----|--|--|--|
| 5. | Suggested that the course<br>Functional Analysis as well<br>as Advanced functional<br>Analysis should give more<br>emphasis to infinite<br>dimensional spaces. | Recommended to<br>choose a text which<br>gives more emphasis<br>to infinite<br>dimensional spaces. | The text book of<br>functional analysis<br>course is changed to<br>Functional Analysis:<br>An Introduction by<br>Yuli Eidelman, Vitali<br>Milman, and Antonis<br>Tsolomitis. Graduate<br>Studies in<br>Mathematics, Volume<br>66, 2004. ISBN: 978-0-<br>8218-3646-0. in 2019<br>syllabus revision. |
| 6. | Explanations are not<br>sufficient in text of Real<br>Analysis II course   | Use reader friendly<br>books as prescribed<br>text   | Text book changed to<br>REAL ANAYLSIS<br>(4th Edn.), H.<br>L.Royden ,P. M.<br>FitzpatrickH.L. in 2019<br>syllabus revision   |
| 7. | Should provide more<br>application level examples in<br>syllabus   | Recommended to<br>include more<br>application level<br>examples in the<br>syllabus                 | Functional Analysis:<br>An Introduction by<br>Yuli Eidelman, Vitali<br>Milman, and Antonis<br>Tsolomitis. Graduate<br>Studies in<br>Mathematics, Volume<br>66, 2004. ISBN: 978-0-<br>8218-3646-0. is chosen<br>as text for course of<br>functional analysis  |
| 8. | The syllabus of M.Sc.<br>Programme should be<br>focused on the UGC-CSIR-<br>JRF Examinations.  | Revise the syllabus of<br>M.Sc. Programme<br>focused on the UGC-<br>CSIR-JRF<br>Examinations.      | Course syllabus revised<br>in 2019 incorporating<br>the suggestions  |



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## DEPARTMENT OF PHYSICS

ST. THOMAS' COLLEGE, Autonomous, THRISSUR, INDIA - 680 001 Telephone : 2420435 ext 216 Email : stcthrissur@gmail.com

Programme Code: U1PH

Programme Name: B Sc PHYSICS

| incorp<br>pics for extra reading<br>d understanding can<br>included in the<br>labus<br>reer prospect classes<br>ild be conducted for<br>al year students<br>e topics and the sub<br>ics must be clearly<br>ed out with | l in 2019<br>porating the<br>ted<br>ss<br>alum<br>in 2019  |
|--|--|
| a understanding can<br>included in the<br>labus<br>reer prospect classes<br>ald be conducted for<br>al year students<br>te topics and the sub<br>ics must be clearly<br>ed out with                                    | sulum<br>lin 2019  |
| ald be conducted for<br>al year students<br>topics and the sub<br>ics must be clearly<br>ed out with   | l in 2019  |
| ics must be clearly revised<br>ed out with incorpo   | l in 2019  |
| ropriate references sugges   | orating the ted  |
| bics like Wein Bridge change<br>illator, log amplifier<br>be included in the<br>abus   |  |
| blems and<br>nericals from<br>vious years papers<br>competitive exams<br>ld be solved in class<br>ffered as<br>gnments   |  |
| riculum. Final incorpo<br>ester projects could suggest<br>nade based on changes  | in 2019<br>prating the<br>red  |
| e part of the gramme   | Principal  |
|  | be included in the<br>abus<br>blems and<br>nericals from<br>vious years papers<br>competitive exams<br>ld be solved in class<br>ffered as<br>gnments<br>ustrial/lab visits can<br>nade part of the<br>revised<br>iculum. Final<br>made based on<br>pretical concepts that<br>e part of the |



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| 8.  | More computational physics programmes must be done to   | Lab experiments could include more python   |  |
|-----|---|---|--|
|     | understand the language better  | programmes to choose<br>from and students can be<br>encouraged to do more<br>programmes in class<br>related to the topic of<br>study                                |  |
| 9.  | Students must be motivated to<br>take up different areas of<br>study and research in the<br>subject | Timely seminars and<br>interaction with eminent<br>scholars, researchers and<br>alumini in the field can<br>be conducted  | u.   |
| 10. | Language efficiency and<br>English-speaking skills must<br>be given attention                       | Seminars/ presentations<br>can be made mandate in<br>English  |  |
| 11. | Students must be trained to<br>appear for competitive exams<br>like JAM, JEST etc.                  | Competitive exam<br>oriented teaching and<br>problem solving<br>sessions could be<br>included in teaching   | Curriculum<br>revised in 2019<br>incorporating the<br>suggested<br>changes |
| 12. | Students must be encouraged<br>and directed to placement<br>related activities                      | Students must be<br>actively made to<br>involve in the sessions<br>of placement cell of the<br>college and be informed<br>and encouraged for the<br>coming openings |  |

Joy-p.m H-O.D

Dela

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### DEPARTMENT OF PHYSICS

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Programme Code: P1PH

Programme Name: MSc PHYSICS

|     | ACTION TAKEN REPORT FOR SYLLABUS REVISION        |   |                             |  |
|-----|--|---|-----------------------------|--|
| SI. | Summary of                                       | Action recommended                              | Action taken                |  |
| No. | feedback received                                |   |                             |  |
| 1.  | The curriculum must                              | Curriculum should be                            | Curriculum revised in       |  |
|     | be updated with new                              | updated with topics for                         | 2019 incorporating the      |  |
|     | findings and                                     | extra reading including                         | suggested changes           |  |
|     | phenomenon in the<br>field of Physics            | recent development in the                       |                             |  |
| 2.  | The syllabus should                              | subject<br>Audit course to test the             | -                           |  |
| 2.  | contain some form of                             |   |                             |  |
|     | add-on course to                                 | application skills of students in using various |                             |  |
|     | enhance the                                      | softwares like LaTeX/Data                       |                             |  |
|     | professional                                     | Visualization/ any other                        |                             |  |
|     | competency skills of                             | software relevant to the                        |                             |  |
|     | students   | programme could be started                      |                             |  |
| 3.  | Students must be                                 | Numericals and problems                         | -                           |  |
| 5.  | encouraged to solve                              | from previous competitive                       |                             |  |
|     | more competitive                                 | exams could be included as                      |                             |  |
|     | exam based                                       | assignments and in internal                     |                             |  |
|     | numericals                                       | tests   |                             |  |
|     | connecting to the                                |   |                             |  |
|     | topic  |   |                             |  |
| 4.  | Recurring and simple                             | The basic topics included in                    | Curriculum revised in       |  |
|     | topics from BSc                                  | the curriculum familiar to                      | 2019 incorporating the      |  |
|     | syllabus included in                             | the students could be given                     | suggested changes           |  |
|     | the curriculum                                   | as self study/ assignments                      |                             |  |
|     | consumes teaching                                |   |                             |  |
|     | hours leaving new                                |   |                             |  |
|     | and complex topics                               |   |                             |  |
|     | with less time                                   |   |                             |  |
| 5.  | The project hours                                | The project hours could be                      | ~                           |  |
|     | should be extended as                            | divided over the third and                      |                             |  |
|     | confining it to the fourth semester alone        | fourth semester                                 | 01.                         |  |
|     | causes lack of time                              |   | dan,                        |  |
|     |  |   | Principal                   |  |
|     | understanding of                                 | St  | Thomas College (Autonomous) |  |
|     | analyses NITON                                   |   | Thrissur - 680 001          |  |
|     | HO IN IN   |   |                             |  |
|     | and proper<br>understanding of<br>analysesAUTONO |   | Joy.p.m H.O.                |  |
|     | S DE F   |   | muert                       |  |
|     | E man  |   |                             |  |
|     | 118-1 + 21 Y                                     |   |                             |  |
|     |  |   |                             |  |

#### ACTION TAKEN DEPODT FOD SVI I ADUS DEVISION



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| -    |          |   |   |  |
|------|----------|---|---|--|
|      | 6        | . The references for                      | References for each topic                               |  |
|      |          | topics in the syllabus                    | must be detailed and                                    |  |
|      |          | are sometimes vague                       | complete. Additional                                    |  |
|      |          | and incomplete.                           | references including links                              |  |
|      |          | Additional reference                      | s to video lectures could be                            |  |
|      |          | could also be                             | provided  |  |
| -    |          | included                                  |   |  |
|      | 7        | 1   | Minimum two days visit to                               |  |
|      |          | existing facilities and                   |   | 5,   |
|      |          | research opportunitie                     | praces of   |  |
|      |          | for the students is essential             | scientific  |  |
|      |          | essential                                 | importance can be included                              | L  |
| -    | 8.       | Extra reading in the                      | in the curriculum                                       |  |
|      | 0,       | form of journals,                         | An audit course in the form                             | in the state of th |
|      |          | publications and even                     | of internship/ seminar                                  | 2019 incorporating the   |
|      |          | latest developments                       | presentation/ publication<br>could be started           | suggested changes  |
|      |          | in the field of                           | could be started  |  |
|      |          | research must be                          |   | 1  |
|      |          | promoted                                  |   |  |
|      | 9.       | Students and faculties                    | Timely seminars, webinar                                |  |
|      |          | must be encouraged                        | and interaction with                                    |  |
|      |          | to take up research                       | eminent scholars and                                    |  |
|      |          | and related activities                    | researchers in the field for                            |  |
|      |          |   | faculties and students can                              |  |
| -    | 10       |   | be done   |  |
|      | 10       | 1   | The topics can be included                              |  |
|      |          | material science and                      | in the syllabus of Solid                                |  |
|      |          | X-ray diffraction<br>analysis must be     | State Physics (core in S3)                              |  |
|      |          | included in the                           | and Experimental  |  |
|      |          | curriculum                                | Techniques (elective in S3)                             |  |
|      | 11.      |   | respectively  | 4  |
|      |          | encouraged to submit                      | The plagiarism in the                                   |  |
|      |          | their project                             | reports can be checked and<br>be adviced to keep as low |  |
|      |          | dissertations in the                      | as 5% for submission of the                             |  |
|      |          | same manner as the                        | report. The reports are also                            |  |
|      |          | submission of a                           | encouraged to be typeset in                             |  |
|      | 1        | research article or                       | softwares like LaTeX                                    |  |
|      |          | thesis dissertation.                      | Dur on  |  |
|      | 12.      | The syllabus must be                      | Curriculum must be                                      | Curriculum revised in  |
|      |          | made par with the                         | updated   | 2019 incorporating the   |
|      |          | syllabus of national                      |   | suggested changes  |
|      |          | level exams like                          |   | - appended changes   |
|      |          | CSIR NET-JRF,<br>GATE, JEST etc.          |   | 0 m  |
|      | 13.      | Research and                              | A 1'  | dan  |
| 83   |          |   | Audit courses and extra                                 | Principal  |
| EL   | AUT      | publication skills<br>should be developed | reading could be promoted                               | St. Thomas College (Autonomous)  |
| 37   | t        | TO M IOV                                  | M.Se., M.Ed., M. ruit.                                  | Thrissur - 680 001   |
| 31   | 1        | P. NI. 001,                               | sociate Professor                                       | Joy.p.m. H. D.D  |
| El r | U        | 8 3 11 0. D. & A.                         | of Physics.   | m 100  |
| A.   | The rest | Department                                | ollege (Autonomous)                                     | M () and the   |
| A    | 15 +     | T.S. C. Hampes C.                         | on out  | 1  |
|      |          | η · mawr - 6                              | 80 UUL  |  |



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RESEARCH& POSTGRADUATE DEPARTMENT OF STATISTICS St. Thomas' College (Autonomous) Thrissur, Kerala-680001

AFFILIATED TO UNIVERSITY OF CALICUT & Nationally Reaccredited with 'A' Grade

Programme Code: U1ST

#### Programme Name: B ScSTATISTICS

| Sl. No.      | Summary of feedback received   | Action<br>recommended   | Action taken   |
|--------------|--|---|--|
| 1.           | Most commented that syllabus was<br>updated including all the necessary<br>basics while some cited the<br>vastness of the syllabus especially<br>those who are not willing to pursue<br>higher education in the specified<br>field | Reduce the contents<br>of mathematical<br>papers  | Curriculum revised in<br>2019 incorporating the<br>suggestions   |
| 2.           | Practical oriented learning and<br>workshops and seminars to<br>inculcate a passion towards the<br>subject   | Statistical software<br>based Practicals<br>should be given and<br>field projects are<br>incorporated | Statistical softwares<br>like R, SPSS,<br>mentioned in syllabus<br>to increase the<br>employability and to<br>encourge students start<br>ups |
| 3.           | Scientific temper should be instilled<br>in the students   | Measures to impart<br>research aptitude<br>among students   | Scientific projects<br>implemented from first<br>year onwards inorder to<br>inculcate research<br>aptitude among students                    |
| 4.           | Calculator based practical sessions<br>should be changed to Statistical<br>programming softwares like R  | Curriculum revision<br>and modifications<br>incorporating the<br>suggestions<br>mentioned in feedback | Curriculum revised in<br>2019 including all the<br>suggested changes   |
| 5.           | Value added topics should be included in syllabus  | Value added course<br>should be<br>incorporated   | Certificate course in<br>STATISTICAL<br>COMPUTING USING<br>SPSS was started  |
| KHOMAS COLLE | AUTONOLIOUSI THINKING  | St. The   | Principal<br>omas College (Autonomou<br>Thrissur - 680 001   |

#### ACTION TAKEN REPORT FOR SYLLABUS REVISION

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| 6.  | Application based rather than       | Subjects with recent  | Curriculum revised in  |
|-----|-------------------------------------|-----------------------|------------------------|
|     | theory based learning               | trends like LINEAR    | 2019 incorporating the |
|     |                                     | REGRESSION            | suggestions            |
|     |                                     | ANALYSIS,             |                        |
|     |                                     | STATISTICAL           |                        |
|     |                                     | COMPUTING using       | 287                    |
|     |                                     | R can be added        |                        |
| 7.  | Advanced Statistical inferential    | Curriculum revision   | Curriculum revised in  |
|     | techniques should be incorporated   | and modifications     | 2019 including all the |
|     | 10                                  | incorporating the     | suggested changes      |
|     |                                     | suggestions           |                        |
|     |                                     | mentioned in feedback |                        |
| 8.  | LINEAR REGRESSION                   | Curriculum revision   | Curriculum revised in  |
|     | ANALYSIS should be moved from       | and modifications     | 2019 including all the |
|     | Sixth semester to Fifth semester in | incorporating the     | suggested changes      |
|     | order to do research project in the | suggestions           |                        |
|     | final year                          | mentioned in feedback |                        |
| 9.  | Discrepancy in the amount of        | Instead of BASIC      | Curriculum revised in  |
|     | content included in BASIC           | STATISTICS a new      | 2019 including all the |
|     | STATISTICS (OPEN                    | course ECONOMIC       | suggested changes      |
|     | COURSE)syllabus and hour            | STATISTICS            |                        |
| 10  | allotted                            | introduced            |                        |
| 10. | Courses should be included to       | Audit courses should  | Audit courses such as  |
|     | inculcate a sense of social         | be included           | Environment Studies,   |
|     | responsibility among students       |                       | Disaster Management,   |
|     |                                     |                       | Intellectual Property  |
|     |                                     |                       | Right and Gender       |
|     |                                     |                       | Studies included in    |
| 11. | Additional care to develop          | Maannaa ta i          | revised Curriculum     |
| 11. | Additional care to develop          | Measures to improve   | English language was   |
|     | communicative and language skills   | language skills shall | kept mandate for       |
|     |                                     | be administered       | seminars and           |
|     |                                     |                       | discussions in class   |
|     |                                     |                       | room                   |



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RESEARCH& POSTGRADUATE DEPARTMENT OF STATISTICS St. Thomas' College (Autonomous) Thrissur, Kerala-680001

AFFILIATED TO UNIVERSITY OF CALICUT & Nationally Reaccredited with 'A' Grade

Programme Code: P1ST

Programme Name: M Sc STATISTICS

Thrissur - 680 001

| Sl. No. | Summary of feedback<br>received  | Action<br>recommended  | Action taken   |
|---------|--|--|--|
| 1.      | Most opined that the current<br>curriculum should be improved<br>with industrial needs as well as<br>with CSIR-UGC, ICMR, ICAR<br>NET and ISS syllabus | Curriculum should<br>be updated according<br>to recent<br>developments   | Curriculum revised in<br>2019 incorporating recent<br>developments; Advanced<br>reading topics were<br>included in revised<br>syllabus |
| 2.      | Employability topics should be<br>included in the curriculum   | Topics with<br>employability such<br>as Applied<br>Regression Analysis,<br>Time series analysis,<br>Life Testing were<br>recommended | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |
| 3.      | Skill development courses<br>should be included in<br>curriculum   | Value added courses<br>were recommended  | Certificate course in<br>STATISTICAL<br>ANALYSIS USING R<br>was started in 2018.   |
| 4.      | Redundant topics from B.Sc and overlapping topics in curriculum  | Redundant topics<br>from B.Sc should be<br>given as assignments<br>and self study;<br>Remove overlapping<br>topics                   | Curriculum revised in 20219 incorporating the suggested changes  |
| 5.      | Included subjects with recent<br>trends like Applied Regression<br>Analysis, Time series analysis,<br>Total Testing, Python etc                        | Topics in the<br>curriculum were<br>recommended to<br>include Applied  | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |

ACTION TAKEN REPORT FOR SYLLABUS REVISION

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|     |   | Regression Analysis,<br>Time series analysis,<br>Life Testing, Python<br>etc    |   |
|-----|---|---|---|
| 6.  | Applications of the statistical<br>topics can be included with the<br>help of statistical softwares can<br>be introduced.                     | Statistical computing<br>for each semester<br>should be conducted<br>separately | In the revised Curriculum<br>Practical Examinations for<br>each semester allotted 3<br>hours each and done<br>separately                                |
| 7.  | Emerging developments in the respective field were lacking in the curriculum  | Addition of trending<br>technologies in the<br>curriculum                       | Each paper was updated<br>with latest developments<br>in the revised syllabus   |
| 8.  | References need to be updated for all courses   | Standard books<br>recommended for<br>references                                 | Curriculum revised in<br>2020 incorporating the<br>suggested changes  |
| 9.  | Industrial visits and<br>institutional visits, student and<br>faculty exchange program<br>between institution and industry<br>can be promoted | Internships/ Online<br>course were<br>incorporated (MOU)                        | Curriculum revised in<br>2019 incorporating the<br>suggested changes  |
| 10. | Training in research skills and<br>publication needed for faculty<br>and students   | Regular training for faculty and students                                       | Trainings for research and<br>publication conducted;<br>Seminars/workshops<br>regarding new research<br>avenues and funding<br>agencies                 |
| 11. | Curriculum should be more<br>advanced helping students to<br>clear competitive examinations   | Curriculum should<br>be updated according<br>to recent<br>developments          | Curriculum revised in<br>2019 incorporating the<br>suggested changes  |
| 12. | Advance statistical topics can be<br>included improve data analytical<br>skills   | Curriculum should<br>be updated according<br>to the Industrial<br>needs         | In 2019, the curriculum will be changed to include the suggested improvements.  |
| 13. | Development for research skill  | Start a course<br>helping to cater their<br>research skills                     | Scientific documentation<br>and Report writing was<br>selected as the Audit<br>course; Students are<br>encouraged to publish<br>their dissertation work |



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**RESEARCH & POSTGRADUATE DEPARTMENT OF BOTANY** ST.THOMAS' COLLEGE (AUTONOMOUS)

THRISSUR, KERALA-680001

(Nationally accredited at 'A' level by NAAC & affiliated to University of Calicut)

Programme Code: P1BT

Programme Name: MSc BOTANY

| Sl. No. | Summary of feedback<br>received   | Action<br>recommended  | Action taken   |
|---------|---|--|--|
| 1.      | Most opined that the<br>current curriculum was<br>outdated and it should<br>be made at par with<br>CSIR-UGC NET<br>syllabus | Curriculum should be<br>updated according to<br>recent developments  | Curriculum revised in<br>2019 incorporating recent<br>developments; Advanced<br>reading topics were<br>included in revised<br>syllabus |
| 2.      | Employability topics<br>should be included in<br>the curriculum   | Topics with<br>employability such as<br>Algal culture,<br>Agricultural<br>importance of fungi,<br>Environmental<br>Impact Assessment<br>(EIA) and<br>Cytogenetic tools in<br>disease diagnostics<br>were recommended | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |
| 3.      | Skill development<br>courses should be<br>included in curriculum  | Value added courses<br>were recommended  | Certificate course in Plant<br>Tissue Culture was started<br>in 2018.  |

#### ACTION TAKEN REPORT FOR SYLLABUS REVISION



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| 4.             | B.Sc and overlapping<br>topics in curriculum   | from B.Sc should be<br>given as assignments<br>and self study;<br>Remove overlapping<br>topics                    | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |
|----------------|--|---|--|
| 5.             | Topics in the syllabus<br>given as a general<br>account providing only<br>a vague and ambiguous<br>impression  | Topics in the<br>curriculum were<br>recommended to be<br>descriptive and<br>precise inorder to<br>avoid ambiguity | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |
| 6.             | Confusions regarding submissions   | Clarity required for<br>Submissions of the<br>Practical<br>Examination  | Submissions required for<br>each Practical paper made<br>clear and precise   |
| 7.             | Continuous six hour<br>Practical Examination<br>(both semesters<br>together) very hectic   | Practical<br>Examinations for<br>each semester should<br>be conducted<br>separately                               | In the revised Curriculum<br>Practical Examinations for<br>each semester allotted 3<br>hours each and done<br>separately |
| 8.             | Emerging<br>developments in the<br>respective field were<br>lacking in the<br>curriculum   | Addition of trending<br>technologies in the<br>curriculum   | Each paper was updated<br>with latest developments<br>in the revised syllabus  |
| 9.             | References need to be<br>updated for all courses   | Standard books<br>recommended for<br>references   | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |
| 10.            | Classic subjects such as<br>Bryology, Pteridology,<br>Gymnosperms and<br>Angiosperm Taxonomy<br>require separate field<br>study; Laboratory or<br>Institution visits for<br>subjects such as Plant<br>breeding and | Study trips not<br>mentioned in<br>syllabus were<br>incorporated along<br>with laboratory visits                  | Curriculum revised in<br>2019 incorporating the<br>suggested changes   |
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|     | Biotechnology   |   |   |
|-----|---|---|---|
| 11. | Training in research<br>skills and publication<br>needed for faculty and<br>students              | Regular training for faculty and students                           | Trainings for research and<br>publication conducted;<br>Seminars/workshops<br>regarding new research<br>avenues and funding<br>agencies                 |
| 12. | Curriculum should be<br>more advanced helping<br>students to clear<br>competitive<br>examinations | Curriculum should be<br>updated according to<br>recent developments | Curriculum revised in<br>2019 incorporating the<br>suggested changes  |
| 13. | Development for<br>research skill   | Start a course helping<br>to cater their research<br>skills         | Scientific documentation<br>and Report writing was<br>selected as the Audit<br>course; Students are<br>encouraged to publish<br>their dissertation work |

DR. VIMBLA JOSE

HEAD OF THE DEPARTMENT Department Of Botany St. Thomas' College(Autonomous) Thrissur, Kerala-680001



Principal



NAAC 5<sup>th</sup> Cycle Accreditation

#### NAAC (4<sup>th</sup> Cycle): A++ Grade, 3.70 Score

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#### **RESEARCH & POST GRADUATE DEPARTMENT OF ZOOLOGY** ST. TEOMAS' COLLEGE (Autonomous) THRISSUR, KERALA - 680001, INDIA. AFFILIATED TO UNIVERSITY OF CALICUT, KERALA, INDIA

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#### Programme Code: U1ZG

Programme Name: B.Sc. ZOOLOGY

| w<br>ne<br>th<br>es | fost commented that syllabus<br>vas updated including all the<br>eccessary basics while some cited  | Reduction of number of examples to be studied in  | Curriculum revised in 2019 incorporating the  |
|---------------------|---|---|---|
| e                   | ne vastness of the syllabus<br>specially those who are not<br>willing to pursue higher<br>ducation in the specified field                                     | classic subjects such as<br>Nonchordata & Chordata  | suggestions   |
| in<br>In In         | ractical oriented learning to<br>neulcate a passion towards<br>lature and the subject   | Practicals should be given<br>more importance by<br>adding studies of local<br>biodiversity                               | Preparation of local<br>biodiversity records in<br>syllabus were incorporated<br>along with laboratory works  |
| 3. S                | scientific temper should be<br>nstilled in the students   | Measures to impárt research<br>aptitude among students  | Scientific projects<br>implemented from first year<br>onwards in order to inculcate?<br>research aptitude:among.co.tr<br>students   |
| d                   | General informatics content very<br>difficult to learn without practical<br>knowledge.  | Topics related to General<br>informatics should be<br>changed and more emphasis<br>should be given to Bio<br>informatics. | Curriculum revised in 2019<br>incorporating the<br>suggestions  |
| So. 1               | Value added topics should be included in syllabus   | Value added course should be incorporated   | Certificate course in Fresh<br>water Ornamental Fish<br>Culture was started   |
| 5. s<br>i           | Syllabus of open course should<br>include more lopics related to  | More emphasis should be   | Curriculum revised in 2019<br>incorporating the<br>suggestions  |
| 7. 5                | Students should know about the<br>local biodiversity in their locality.<br>And also emphasis should be  | the suggestions mentioned   | Curriculum revised in 2019<br>including all the suggested<br>changes  |
|                     | given to endemism of Western<br>Ghats.  | in feedback.  | veren alle of the second s  |
|                     | Research Methodology,<br>Biostatistics and Bioinformatics<br>should be combined as it should<br>act as a preamble to do research<br>project in the final year | Curriculum revision and<br>modifications incorporating,<br>the suggestions mentioned<br>in feedback                       | Curriculum revised in 2019.<br>including all the suggested<br>changes are then in types<br>on a final state in the state of<br>competence of the state of the state of<br>competence of the state of the s |
| -ł.                 | Discrepancy in the content<br>included in the syllabus of Open<br>course and hour allotted.   | the syllabus  | Curriculum revised in 2019<br>including all the suggested<br>changes  |
|                     | Courses should be included to<br>inculcate a sense of social<br>responsibility among students   | Audit courses should be<br>included   | Audit courses such as<br>Environment Studies,<br>Disaster Management,<br>Intellectual Property Right<br>and Gender Studies included   |
| SE LAUTO            | MON   | percipal<br>nomas college (Autonomous<br>Thrissut F680 001  | in musicad Curriculum (   |



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#### NAAC (4<sup>th</sup> Cycle): A++ Grade, 3.70 Score

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| 11 Additional care to develop | Measures to improve      | English language was kept |
|-------------------------------|--------------------------|---------------------------|
| communicative and language    | language skills shall be | mandate for seminars and  |
| skills                        | administered             | discussions in class room |



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#### Programme Code: P1ZG

#### Programme Name: M.Sc. ZOOLOGY

#### ACTION TAKEN REPORT FOR SYLLABUS REVISION

| A ne the be NI 2. E in 3. SI be 4. M of un | received<br>tost commented that syllabus<br>seds to be updated including all<br>e necessary topics and should<br>e made at par with CSIR-UGC<br>ET syllabus<br>employability topics should be<br>icluded in the curriculum<br>kill development courses should<br>e included in curriculum<br>Most of the students have the<br>pinion that that syllabus was | Curriculum should be<br>updated according to<br>recent developments<br>Topics with<br>employability were<br>recommended<br>Value added courses<br>were recommended  | Curriculum revised in 2019<br>incorporating recent<br>developments; Advanced<br>reading topics were included<br>in revised syllabus<br>Curriculum revised in 2019<br>incorporating the suggested<br>changes<br>Certificate course Laboratory<br>techniques in Molecular |
|--|---|---|---|
| 2. in<br>3. Sl<br>be<br>4. M<br>op<br>un<br>n<br>tat                           | cluded in the curriculum<br>kill development courses should<br>e included in curriculum<br>fost of the students have the  | employability were<br>recommended<br>Value added courses  | incorporating the suggested<br>changes<br>Certificate course Laboratory   |
| 4. M<br>op<br>up<br>not<br>at  | e included in curriculum<br>fost of the students have the   | Value added courses   |   |
| or<br>un<br>no   |   |   | biology was started.  |
|  | plated including all the<br>eccessary topics which is made<br>t par with CSIR-UGC NET<br>vilabus  | Curriculum should be<br>updated according to<br>the recent<br>developments  | Curriculum revised in 2019,<br>incorporating the suggested<br>changes   |
| (4.)*1. <b>1</b>   | opies in the syllabus given as a<br>eneral account providing only a<br>ague and ambiguous impression  | Topics in the<br>curriculum were<br>recommended to be<br>descriptive and precise<br>in order to avoid<br>ambiguity  | Curriculum revised in 2019<br>incorporating the suggested<br>changes  |
| 6. R   | References need to be updated or all courses  | Standard books<br>recommended for<br>references   | Curriculum revised in 2019<br>incorporating the suggested<br>changes  |
| 7. 1<br>2. p   | Fraining in research skills and<br>publication needed for faculty<br>and students   | Regular training for faculty and students   | Trainings for research and<br>publication conducted;<br>Seminars/workshops<br>regarding new research  |
|  | 1991 Anno 1997 Anno 1997 A  | <ul> <li>The last off off of the second se<br/>second second sec</li></ul> | avenues and funding agencies  |
| 0. a   | Curriculum should be more<br>advanced helping students to<br>clear competitive examinations   | Curriculum should be<br>updated according to<br>recent developments   | Curriculum revised in 2019<br>incorporating the suggested<br>changes  |
| 9. I   | such as CSIR -NET,GATE etc<br>Development for research skill  | Start a course helping<br>to cater their research<br>skills   | Scientific writing and<br>Bioinformatics softwares<br>were selected as the Audit<br>courses. Students are<br>encouraged to publish their<br>dissertation work.  |

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#### NAAC (4<sup>th</sup> Cycle): A++ Grade, 3.70 Score

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Department of Commerce and Management Studies Jubilee Block St.Thomas' College (Autonomous) Thrissur-680 001 Ph:0487-2420435

Date:.....

Programme Code: U2BB

#### Programme Name: BACHELOR OF BUSINESS ADMINISTRATION

#### ACTION TAKEN REPORT FOR SYLLABUS REVISION

| [ | Sl. No. | Summary of feedback received  | Action<br>recommended   | Action taken  |
|---|---------|---|---|---|
|   | 1.      | Students needs to be updated with<br>knowledge according to current<br>changes.                 | Improve their<br>knowledge in<br>specialization area<br>like Finance. | Curriculum revised in 2019 incorporating the suggestions                                    |
|   | 2.      | Industrial visit must be included in course   | Industrial visits were<br>decided to include in<br>trips              | Industrial visit were<br>included in the<br>syllabus.                                       |
|   | 3.      | Students wanted to get more time to complete project.   | Decided to include it<br>in second year also                          | Minor projects were done in second year.  |
|   | 4.      | Value added topics should be<br>included in syllabus  | Value added course<br>should be<br>incorporated                       | Certificate course in<br>Capital Market, as well<br>as internship and<br>online certificate |
|   | 5.      | Most of the students commented<br>that syllabus want to be updated<br>which are problem papers. | Decided to cut short<br>the syllabus                                  | Syllabus 2019 was<br>updated including<br>suggested topics.                                 |
|   | 6.      | Shorten the portions for syllabus   | Decided to cut short<br>the syllabus                                  | Curriculum revised in<br>2019 including all the<br>suggested changes                        |
|   | 7.      | More activities to be in department   | Decided to conduct<br>more activities in<br>department                | Assigned each teachers<br>as coordinator for<br>various departmental<br>activity            |



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| 8.  | Courses should be included to<br>inculcate a sense of social<br>responsibility among students | Audit courses should be included                                | Audit courses such as<br>Environment Studies,<br>Disaster Management,                  |
|-----|---|---|--|
| p.  |   |   | Intellectual Property<br>Right and Gender<br>Studies included in<br>revised Curriculum |
| 9.  | Current Curriculum as well as<br>teaching methodology can be<br>improved                      | Decided to include IT related presentations                     | Used ICT technologies<br>in class  |
| 10. | Additional care to develop communicative and language skills                                  | Measures to improve<br>language skills shall<br>be administered | English language was<br>kept mandate for<br>seminars and                               |
|     |   |   | discussions in class<br>room   |

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ALICE N.K. Mora, Hea Assistent Professor And Head Dept. of Management Studies St. Thomas' College (Aubnomous) Jubilee Block, Thrissur-6800001, Kerala



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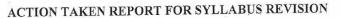
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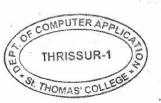
Programme Code: U2BC

Programme Name: BACHELOR OF COMPUTER APPLICATIONS

Action recommended Action taken Summary of feedback received Sl. No. Curriculum revised in Reduction of number Syllabus was updated including all 1. 2019 incorporating the of types in the current the necessary basics while some suggestions syllabus cited the vastness of the syllabus especially those who are not willing to pursue higher education in the specified field Study trips not Practical should be Practical oriented learning and field 2. given more mentioned in syllabus trips to inculcate a passion towards were incorporated importance and nature and the subject industrial visits along with industry incorporated visits Curriculum revised in Grading system should be revised Reduction of total 3. 2019 incorporating the marks and time according to their credit suggestions according to course credit Revision of current Curriculum revised in HTML language should be included 4. 2019 incorporating the in the syllabus in the 1st semester syllabus to include suggestions HTML in first itself semester Value added topics are Value added course 5. Value added topics should be added to the syllabus should be included in syllabus according to the incorporated suggestion. Curriculum revised in Curriculum revision Revision of maths portions 6. 2019 including all the and modifications according to the trend suggested changes incorporating the suggestions mentioned in feedback Curriculum revised in Addition of courses which improve Include courses 7. 2019 including all the computational skills in the syllabus. improving suggested changes computation skills Curriculum revised in Update open courses Revision of Open course and 8. 2019 including all the and elective courses elective courses suggested changes according to the feedback







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| 9.      | Courses should be included to     | Audit courses should   | Audit courses such as  |
|---------|-----------------------------------|------------------------|------------------------|
|         | inculcate a sense of social       | be included            | Environment Studies,   |
|         | responsibility among students     |                        | Disaster Management,   |
|         |                                   |                        | Intellectual Property  |
| a       |                                   |                        | Right and Gender       |
|         |                                   |                        | Studies included in    |
| · · · · |                                   |                        | revised Curriculum     |
| 10.     | Additional care to develop        | Measures to improve    | English language was   |
|         | communicative and language skills | language skills shall  | kept mandatory for     |
| 5 9 B   |                                   | be administered        | seminars and           |
|         | 1. (F)                            |                        | discussions in class   |
|         |                                   |                        | room                   |
| 11.     | Revision of general courses to    | Addition of courses    | Curriculum revised in  |
|         | understand basics of electronics, | which covers basics of | 2019 including all the |
|         | data communication and optical    | sensors and data       | suggested changes      |
|         | fibers.                           | communication          |                        |



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#### **DEPT. OF ELECTRONICS**

ST. THOMAS COLLEGE (AUTONOMOUS)

#### THRISSUR, KERALA – 680001

Programme Code: U2EL

Programme Name: B Sc ELECTRONICS

| SI. No. | Summary of feedback<br>received   | Action recommended  | Action taken   |
|---------|---|---|--|
| 1.      | Students should be updated<br>with knowledge according to<br>the current technologies     | Improve their knowledge in<br>python programming,<br>Raspberry Pi, Arduino                                      | Curriculum revised in 2019 incorporating the suggestions   |
| 2.      | Practical oriented learning and<br>industrial visit can improve<br>their practical skills | Practicals should be given<br>more importance and<br>industrial visit incorporated                              | Industrial<br>visit/internship<br>incorporated in the<br>syllabus  |
| 3.      | Projects can start from first<br>year itself for getting research<br>aptitude.            | Measures to impart research<br>aptitude among students  | Scientific projects<br>implemented from<br>first year onwards<br>inorder to inculcate<br>research aptitude<br>among students |
| 4.      | Python programming and raspberry Pi is necessary  | Knowledge in python programming   | Curriculum revised in<br>2019 incorporating<br>the suggestions   |
| 5.      | Value added topics should be included in syllabus   | Value added course should be incorporated   | Certificate course in<br>Advanced<br>microcontrollers and<br>sensors was started   |
| 6.      | Application based rather than theory based learning                                       | Industrial visits/internship<br>should be incorporated in<br>syllabus; Assignments more<br>application oriented | Curriculum revised in<br>2019 incorporating<br>the suggestions   |
| 7.      | Basic electronics network<br>theorems together incorporated                               | Curriculum revision and<br>modifications incorporating<br>the suggestions mentioned in<br>feedback              | Curriculum revised in<br>2019 including all the<br>suggested changes   |

#### ACTION TAKEN REPORT FOR SYLLABUS REVISION



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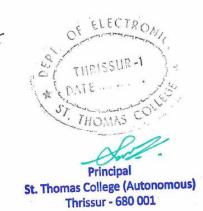
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| 8.  | Introduce python programming  | Curriculum revision and<br>modifications incorporating<br>the suggestions mentioned in<br>feedback | Curriculum revised in<br>2019 including all the<br>suggested changes   |
|-----|---|--|--|
| 9.  | Digital electronics and analog<br>integrated circuits as separate<br>courses                  | Curriculum revision and<br>modifications incorporating<br>the suggestions mentioned in<br>feedback | Curriculum revised in<br>2019 including all the<br>suggested changes   |
| 10. | Courses should be included to<br>inculcate a sense of social<br>responsibility among students | Audit courses should be included   | Audit courses such as<br>Environment Studies,<br>Disaster<br>Management.<br>Intellectual Property<br>Right and Gender<br>Studies included in<br>revised Curriculum |
| 11. | Improve practical skills  | Measures to improve<br>practical sections shall be<br>administered                                 | Curriculum revised in<br>2019 including all the<br>suggested changes   |
| 12. | Additional care to develop<br>communicative and language<br>skills                            | Measures to improve<br>language skills shall be<br>administered                                    | English language was<br>kept mandate for<br>seminars and<br>discussions in class<br>room   |







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Programme Code: U2BC

Programme Name: BACHELOR OF COMPUTER APPLICATIONS

| Sl. No. | Summary of feedback received          | Action recommended      | Action taken                          |
|---------|---------------------------------------|-------------------------|---------------------------------------|
| 1.      | Syllabus was updated including all    | Reduction of number     | Curriculum revised in                 |
|         | the necessary basics while some       | of types in the current | 2019 incorporating the                |
|         | cited the vastness of the syllabus    | syllabus                | suggestions                           |
|         | especially those who are not willing  |                         |                                       |
| . P     | to pursue higher education in the     | · ·                     |                                       |
|         | specified field                       | · 2                     |                                       |
| 2.      | Practical oriented learning and field | Practical should be     | Study trips not                       |
| ۷.      | trips to inculcate a passion towards  | given more              | mentioned in syllabus                 |
|         | nature and the subject                | importance and          | were incorporated                     |
| 8 X     | nature and the subject                | industrial visits       | along with industry                   |
|         |                                       | incorporated            | visits                                |
| 3.      | Grading system should be revised      | Reduction of total      | Curriculum revised in                 |
|         | according to their credit             | marks and time          | 2019 incorporating the                |
| *       |                                       | according to course     | suggestions                           |
|         | · · · · ·                             | credit                  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 4.      | HTML language should be included      | Revision of current     | Curriculum revised in                 |
|         | in the syllabus in the 1st semester   | syllabus to include     | 2019 incorporating the                |
|         | itself                                | HTML in first           | suggestions                           |
| 14      |                                       | semester                |                                       |
| 5.      | Value added topics should be          | Value added course      | Value added topics are                |
|         | included in syllabus                  | should be               | added to the syllabus                 |
|         |                                       | incorporated            | according to the suggestion.          |
|         |                                       | Curriculum revision     | Curriculum revised in                 |
| 6.      | Revision of maths portions            | and modifications       | 2019 including all the                |
|         | according to the trend                | incorporating the       | suggested changes                     |
|         |                                       | suggestions mentioned   | Supposide changes                     |
|         |                                       | in feedback             |                                       |
| 7.      | Addition of courses which improve     | Include courses         | Curriculum revised in                 |
| 1.      | computational skills in the syllabus. | improving               | 2019 including all the                |
|         | computational statio in the synabust  | computation skills      | suggested changes                     |
| 8.      | Revision of Open course and           | Update open courses     | Curriculum revised in                 |
|         | elective courses                      | and elective courses    | 2019 including all the                |
|         |                                       | according to the        | suggested changes                     |
|         | · · · · · · ·                         | feedback                | 011                                   |

#### ACTION TAKEN REPORT FOR SYLLABUS REVISION





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| 9.                  | Courses should be included to<br>inculcate a sense of social<br>responsibility among students                    | Audit courses should<br>be included  | Audit courses such as<br>Environment Studies,<br>Disaster Management,<br>Intellectual Property<br>Right and Gender<br>Studies included in<br>revised Curriculum |
|---------------------|--|--|---|
| 10.                 | Additional care to develop<br>communicative and language skills  | Measures to improve<br>language skills shall<br>be administered                    | English language was<br>kept mandatory for<br>seminars and<br>discussions in class<br>room  |
| ., <mark>11.</mark> | Revision of general courses to<br>understand basics of electronics,<br>data communication and optical<br>fibers. | Addition of courses<br>which covers basics of<br>sensors and data<br>communication | Curriculum revised in<br>2019 including all the<br>suggested changes  |



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### **DEPT. OF ELECTRONICS**

### ST. THOMAS COLLEGE (AUTONOMOUS)

### THRISSUR, KERALA – 680001

Programme Code: P2EL

Programme Name: M Sc ELECTRONICS

Thrissur - 680 001

#### ACTION TAKEN REPORT FOR SYLLABUS REVISION

| Sl.  | Summary of   | Action recommended   | Action taken  |
|------|--|--|---|
| No.  | feedback received  |  |   |
|      | Employability topics<br>should be included<br>in the curriculum                          | Topics with employability such as<br>MICROCONTROLLER BASED<br>SYSTEM DESIGN,INTRODUCTION<br>TO PYTHON<br>PROGRAMMING,CRYPTOGRAPHY<br>AND NETWORK SECURITY shall be | Curriculum revised in<br>2019 including all the<br>suggested changes    |
| 2.   | Skill development<br>courses should be<br>included in<br>curriculum                      | incorporated<br>Value added courses were<br>recommended  | Certificate course in<br>VLSI DESIGN AND<br>PROGRAMMING<br>incorporated |
| 3.   | Redundant topics<br>from B.Sc and<br>overlapping topics in<br>curriculum                 | Redundant topics from B.Sc should be<br>given as assignments and self study;<br>Remove overlapping topics  | Curriculum revised in<br>2019 including all the<br>suggested changes    |
| 4.   | Must include<br>application based<br>embedded c<br>programming and<br>python programming | Curriculum revision and modifications<br>incorporating the suggestions<br>mentioned in feedback  | Curriculum revised in<br>2019 incorporating the<br>suggestions          |
| 5.   |  | Addition of arduino and python programming in the curriculum   | Curriculum revised in<br>2019 including all the<br>suggested changes    |
| 6.   |  | Standard books recommended for references  | Curriculum revised in 2019 including all the suggested changes          |
| . 7. | Paperwriting and<br>seminar must be<br>included for them to<br>focus on research         | Curriculum revision and modifications<br>incorporating the suggestions<br>mentioned in feedback  | Curriculum revised in<br>2019 including all the<br>suggested changes    |

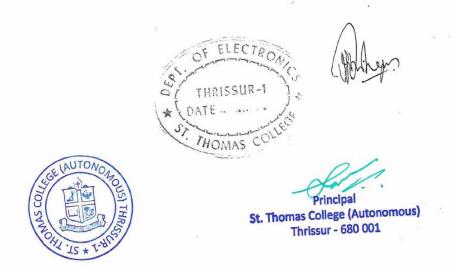


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| 8. | Curriculum should<br>be more advanced<br>helping students to<br>clear competitive<br>examinations | Curriculum should be updated according to recent developments | Curriculum revised in<br>2020 incorporating the<br>suggested changes   |
|----|---|---|--|
| 9. | Development for<br>research skill   | Start a course helping to cater their research skills         | Scientific<br>documentation and<br>Report writing was<br>selected as the Audit<br>course: Students are<br>encouraged to publish<br>their dissertation work |





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#### DEPARTMENT OF MEDIA STUDIES

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Programme Code: U2BM

Programme Name: BA MULTIMEDIA

3

| ACTION TAKEN REPORT FOR STELADUS REVISION |  |   |   |  |
|---|--|---|---|--|
| Sl. No.                                   | Summary of feedback<br>received  | Action recommended  | Action taken  |  |
| 1.  | Every year syllabus needs<br>to updated because the<br>Media world are changing  | conduct various practical<br>sessions and seminars by<br>working professionals<br>from industry | Curriculum revised in<br>2019 incorporating the<br>suggestions  |  |
| 2.  | Practical oriented teaching<br>made the students became<br>industry level professional   | Industrial trips<br>incorporated  | Study trips not<br>mentioned in syllabus<br>were incorporated<br>along with<br>Industrial visit   |  |
| 3.  | Students are confident and<br>ready to work with<br>professionals  | Curriculum has been<br>updated every new<br>semester  | Students are<br>participated in most of<br>the activities to<br>document all the<br>programs also started<br>an online radio by the<br>initiative of students |  |
| 4.  | Journalism is an inevitable<br>part of media studies. Both<br>the under-graduation<br>courses need to include<br>journalism subjects.  | Including journalism<br>subject in every semester<br>for both BAM                               | Journalism subject is<br>included in every<br>semester as one<br>complimentary subject<br>in both UG courses.   |  |
| 5.  | Practical based learning<br>rather than theory content<br>reased learning  | Reducing classroom hours<br>for practical subjects and<br>giving more lab hours.                | Timetable is revised<br>to include more lab<br>hour for practical<br>subjects and studio  |  |
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#### ACTION TAKEN REPORT FOR SYLLABUS REVISION



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|     |   |  | visits and expert<br>workshop conducted  |
|-----|---|--|--|
|     |   |  | · .  |
| 6.  | Academics should<br>introduce advanced<br>equipment's and updated<br>software's | Update both labs with new<br>software's and introduce<br>new equipment | Both the computer labs<br>and studio renovated<br>with advanced<br>software's , camera,<br>lights and other<br>equipment's |
| 7.  | Practical Hours   | Practical Hours Added  | Reworked on practical hours and arranged   |
| 8.  | Journalism Paper  | Journalism Paper<br>Integration  | special training on<br>macintosh systems.  |
| 9.  | Macintosh OS<br>Recommended   | Final Cut Pro Training   | Journalism paper<br>updated. new plugins<br>installed  |
| 10. | Software Update   | New Plugins  | 4<br>4   |

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DEPARTMENT OF SOCIAL WORK ST. THOMAS' COLLEGE (AUTONOMOUS), THRISSUR, INDIA - 680 001 Telephone: 0487 - 2420435 - Ext - 1024 E-mail: stthomasdsw@gmail.com

Programme Code: P2SW

Programme Name: MASTER OF SOCIAL WORK

Date.....

ACTION TAKEN REPORT FOR SYLLABUS REVISION

| SI.<br>No. | Summary of feedback<br>received  | Action<br>recommended  | Action taken  |
|------------|--|--|---|
| 1.         | write project proposals and field<br>action projects need to be<br>incorporated in the curriculum    | Workshons and  |   |
|            | Skill enhancement programmes<br>need to be included in MSW<br>programme                              | Skill enhancement<br>programmes and<br>collaborating with<br>different NGOs for<br>enhancing the skill<br>of social workers. | Curriculum revised in 2017 and<br>Personal and Professional Skills was<br>added as a separate paper for MSW<br>programme. The Professional skills<br>course is revised and still in MSW<br>programme              |
| 3.         | Orientation about the choice of<br>specialization have to be given<br>prior to the third sem classes | Orientation and<br>career opportunities<br>in different  | Career opportunities of different<br>specializations are provided and<br>students are given an opportunity to   |
|            |  | specializations need<br>to be given by an<br>expert in the field   | have an introspection to know more<br>about their skills in different<br>specializations and it is recorded.  |
| 1          | Introduce new courses in the area of skill   | Introduce courses on<br>skill for MSW<br>programme   | Curriculum revised and added<br>Professional skills paper and<br>continuing the same.   |
| 5          | Courses to enhance research, to<br>write proposal  | Separate course for<br>Research and Project<br>Proposal Writing  | Curriculum revised in 2017 and<br>separate paper for Project proposal<br>writing was incorporated. Certificate<br>programme for Project proposal<br>writing and SPSS incorporated in<br>revised syllabus in 2019. |



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| 6.  | Make the curriculum generic,<br>than offering specialisation   | Generic Practice<br>recommended   | With reference to this special<br>recommendation no special action<br>could be taken as our country is<br>offering MSW programme with<br>specialization |
|---|--|---|---|
| 7.  | New trends in curriculum need<br>to be introduced  | Work with<br>vulnerable sections<br>need to be<br>incorporated                                      | Curriculum revised in 2019 and social<br>audit courses such as Working with<br>older persons and Child protection<br>added in the Programme             |
| 8.  | Involve in social issues   | The active<br>involvement in<br>programmes for  | Students got opportunities to invoive<br>in OK111 disaster relief programme.<br>Flood relief programme, Flood   |
|   |  | vulnerable as well as disaster situations   | mapping, telecounselling for COVID<br>19 patients. Opportunities are<br>provided to involve in various<br>programmes.                                   |
| 9.  | Provide extension lectures on<br>specialised areas   | Expert lectures from<br>different settings<br>need to be provided                                   | The expert lectures from different<br>settings were provided. The support<br>from alumni for the same is<br>commendable                                 |
| i O   | Methods of social work need to<br>be given as separate paper so  | Method papers need<br>to be given as  | Curriculum revised in 2019 and all the methods are given as separate courses.   |
|   | that the importance of practice<br>of methods will be taken care<br>of.  | separate courses  |   |
| and the second se | The legislations for the<br>vulnerable have to be provided<br>in the first semester itself which<br>help the trainee to understand<br>and do the needful for the<br>vulnerable sections of the<br>society. | Social Legislation<br>course need to be<br>provided in first<br>semester                            | Curriculum revised in 2019 and<br>incorporated the suggested changes  |
| 12  | Skill enhancement programmes<br>need to be as certificate<br>programmes  | Certificate<br>programmes are<br>recommended  | Three certificate programmes are<br>included in the syllabus  |
| -   | Skill in communication and<br>documentation need to be<br>enhanced   | Communication and<br>documentation skill<br>enhancement are<br>recommended                          | Training programmes are given   |
| 14  | Need to inculcate an interest to<br>work with all groups of people   | Observation visits,<br>interaction with<br>beneficiary group,<br>working with<br>marginalised group | All the recommended actions were taken to inculcate the interests   |
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Programme Code: U2BV

ProgrammeName: BA VISUAL COMMUNICATIONS

| Sl. No. | Summary of feedback<br>received   | Action recommended  | Action taken  |
|---------|---|---|---|
| 1.      | Every year syllabus needs to<br>updated because the Media<br>world are changing   | Conducts various<br>practical sessions and<br>seminars by working<br>professionals from<br>industry | Curriculum revised in<br>2019 incorporating the<br>suggestions  |
| 2.      | Practical oriented teaching<br>made the students became<br>industry level professional  | Industrial trips<br>incorporated  | Study trips not<br>mentioned in syllabus<br>were incorporated<br>along with<br>Industrial visit   |
| 3.      | Students are confident and<br>ready to work with<br>professionals   |   | Students are<br>participated in most of<br>the activities to<br>document all the<br>programs also started<br>an online radio by the<br>initiative of students |
| 4.      | Journalism is an inevitable<br>part of media studies. Both<br>the under-graduation courses<br>need to include journalism<br>subjects. | Including journalism<br>subject in every semester<br>for both BVC                                   | Journalism subject is<br>included in every<br>semester as one<br>complimentary subject<br>in both UG courses.   |

#### ACTION TAKEN REPORT FOR SYLLABUS REVISION



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| 5.  | Practical based learning<br>rather than theory content<br>based learning | Reducing classroom<br>hours for practical<br>subjects and giving more<br>lab hours. | Timetable is revised<br>to include more lab<br>hour for practical<br>subjects and studio<br>visits and expert |
|-----|--|---|---|
| 6.  | Academics should introduce   | Update both labs with   | workshop conducted<br>Both the computer labs  |
| ο.  | advanced equipment's and<br>updated software's                           | new software's and<br>introduce new equipment                                       | and studio renovated<br>with advanced<br>software's , camera,<br>lights and other<br>equipment's              |
| 7.  | Practical Hours  | Practical Hours Added   | Reworked on practical hours and arranged  |
| 8.  | Journalism Paper   | Journalism Paper<br>Integration   | special training on<br>macintosh systems.<br>Journalism paper   |
| 9.  | Macintosh OS Recommended   | Final Cut Pro Training  | updated. new plugins  |
| 10. | Software Update  | New Plugins   | installed   |

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Programme Code: P2VC

ProgrammeName: MAVISUAL COMMUNICATIONS

| Sl. No. | Summary of feedback   | Action recommended   | Action taken   |
|---------|---|--|--|
|         | received  |  |  |
| 1.      | Most opined that the syllabus need more practical sessions                            | Theories have been shown<br>as visuals and will be done<br>by practicals         | Practical sessions has<br>been added more and<br>helps students to use<br>equipment well   |
| 2.      | Media theories should<br>be explained as visuals                                      | Students must participate in<br>Internship programs                              |  |
| 3.      | Confusion in choosing<br>final project mode.<br>(Thesis/ short film /<br>documentary) | Giving a detailed idea of the<br>project and give them time<br>to choose         | Class in charge<br>conducted as per session<br>for the mini and main<br>project to give an insight<br>about the submission<br>which helps them to<br>choose in accordance<br>with their ability. |
| 4.      | Practical based learning<br>rather than theory<br>content based learning              | Reducing classroom hours<br>for practical subjects and<br>giving more lab hours. |  |

### ACTION TAKEN REPORT FOR SYLLABUS REVISION



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| 5. | Redundant topics from<br>UG and overlapping<br>basic topics in<br>curriculum | exclude basic subject<br>classes | New media students are<br>given separate orientation<br>classes. Then semester<br>formally started with<br>advanced syllabus.                    |
|----|--|----------------------------------|--|
| 6. | Practical Hours  | Practical Hours Added            | Reworked on practical<br>hours and arranged<br>special training on<br>macintoshsystems.<br>Journalism paper<br>updated. new plugins<br>installed |
| 7. | Journalism Paper   | Journalism Paper<br>Integration  |  |
| 8. | Macintosh OS<br>Recommended  | ·Final Cut Pro Training          |  |
| 9. | Software Update  | New Plugins                      |  |

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