

**THE ANNUAL QUALITY ASSURANCE REPORT
(AQAR) OF THE IQAC**



**SUBMITTED TO
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BY
ADHIPARASAKTHI COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS)**

G.B. NAGAR, KALAVAI - 632 506, VELLORE DISTRICT

YEAR OF REPORT – 2017-2018

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IQAC MEMBERS

DR. A. MOHAMED SADIQ

PRINCIPAL & CHAIRPERSON

MR. K. SATHISH

DIRECTOR

MANAGEMENT REPRESENTATIVE

MR. R. KARUNANIDHI

SECRETARY

MEMBERS OF THE FACULTY

MR. N.T. RAVINDRAN

IQAC COORDINATOR

MRS. M. JAYANTHI

DEPT. OF BIOCHEMISTRY

MRS. R. BHAVANI

DEPT. OF BIOCHEMISTRY

DR. T. PANNEERSELVAM

DEPT. OF MICROBIOLOGY

DR. G. ANANDHARAJ

DEPT. OF COMPUTER SCIENCE

DR. S. LAKSHMI

DEPT. OF COMMERCE

MR. A. NISAR AHAMED

DEPT. OF BUSINESS ADMINISTRATION

MR. C. SURESHBABU

CONTROLLER OF EXAMINATIONS

MRS. K. JAYACHITRA

LIBRARIAN

ALUMNI

MR. P. ARULKUMARAN

ADHIPARASAKTHI COLLEGE OF
AGRICULTURE, KALAVAI.

ADMINISTRATIVE STAFF

MR. K. SHANKAR

ADMINISTRATIVE OFFICER

MR. M. SHANMUGAM

ACCOUNTANT

STUDENTS

MS. A. KARPAGA VALLI

II M.Sc.(BIOCHEMISTRY)

MR. R. SURENDRHIRAN

II B.B.A.

TECHNICAL STAFF

MR. M. VIJAYAKUMAR

DEPT. OF COMPUTER SCIENCE

EXTERNAL EXPERTS

DR. R. SUDHAKAR

VIT UNIVERSITY, VELLORE

STAKE HOLDER & COMMUNITY REPRESENTATIVE

MR. LN. B. MANI

KALAVAI

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

PART – A

1. THE DETAILS OF THE INSTITUTION

| | | |
|-----|--|--|
| 1.1 | Name of the Institution | Adhiparasakthi College of Arts and Science (Autonomous) |
| 1.2 | Address Line 1 | G.B. Nagar |
| | Address Line 2 | |
| | City/Town | Kalavai, Vellore District |
| | State | Tamil Nadu |
| | Pin Code | 632 506 |
| | Institution e-mail address | apcasgbn19@rediffmail.com |
| | Contact Nos. | 04173-242226, 04173-242644 |
| | Name of the Head of the Institution | Dr. A. Mohamed Sadiq |
| | Tel. No. with STD Code | 04173-242644 |
| | Mobile | 94434 49881, 95976 34351 |
| | Name of the IQAC Coordinator | Prof. N.T. Ravindran |
| | Mobile | 99948 71081 |
| | IQAC e-mail address | apcasiqac@gmail.com |
| 1.3 | NAAC Track ID | TNCOGN 13198 |
| 1.4 | NAAC Executive Committee No. & Date | EC(SC)/03/RAR/01 & 24.09.2014 |

1.5 Website address

<http://www.apcasgpn.com>

Web-link of the AQAR

<http://www.apcasgpn.com/APCAS-AQAR-2017-2018.pdf>

1.6 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|--------|-----------------------|-----------------|
| 1 | 1 st Cycle | B++ | 81.3 % | 2007 | 2007-2012 |
| 2 | 2 nd Cycle | B | 2.83 | 2014 | 2014-2019 |

1.7 Date of Establishment of IQAC

26/09/2007

1.8 **AQAR for the year**

2017-2018

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

AQAR 2016-2017

14/05/2017

1.10 Institutional Status

| | | | | | | | | |
|---|-------------------------------|-------------------------------------|----------|-------------------------------------|------------------------|-------------------------------------|---------|--------------------------|
| University | State | <input checked="" type="checkbox"/> | Central | <input type="checkbox"/> | Deemed | <input type="checkbox"/> | Private | <input type="checkbox"/> |
| Affiliated College | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> | | | | |
| Constituent College | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> | | | | |
| Autonomous College of UGC | | | | | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI) | | | | | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| Type of Institution | Co-education | <input checked="" type="checkbox"/> | Men | <input type="checkbox"/> | Women | <input type="checkbox"/> | | |
| | Urban | <input type="checkbox"/> | Rural | <input checked="" type="checkbox"/> | Tribal | <input type="checkbox"/> | | |
| Financial Status | Grant-in-aid | <input type="checkbox"/> | UGC 2(f) | <input checked="" type="checkbox"/> | UGC 12B | <input checked="" type="checkbox"/> | | |
| | Grant-in-aid + Self Financing | <input type="checkbox"/> | | | Totally Self-financing | <input checked="" type="checkbox"/> | | |

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University *(for the Colleges)*

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

| Autonomy by State / Central Govt. / University | University |
|---|---|
| University with Potential for Excellence <input type="checkbox"/> | UGC-CPE <input type="checkbox"/> |
| DST Star Scheme <input type="checkbox"/> | UGC-CE <input type="checkbox"/> |
| UGC-Special Assistance Programme <input type="checkbox"/> | DST-FIST <input type="checkbox"/> |
| UGC-Innovative PG programmes <input type="checkbox"/> | Any other <i>(Specify)</i> <input type="text"/> |
| UGC-COP Programmes <input type="checkbox"/> | |

2. IQAC COMPOSITION AND ACTIVITIES

| | |
|--|---------------------------------|
| 2.1 No. of Teachers | <input type="text" value="9"/> |
| 2.2 No. of Administrative/Technical staff | <input type="text" value="3"/> |
| 2.3 No. of students | <input type="text" value="2"/> |
| 2.4 No. of Management representatives | <input type="text" value="2"/> |
| 2.5 No. of Alumni | <input type="text" value="1"/> |
| 2.6 No. of any other stakeholder and community representatives | <input type="text" value="1"/> |
| 2.7 No. of Employers / Industrialists | <input type="text" value="0"/> |
| 2.8 No. of other External Experts | <input type="text" value="1"/> |
| 2.9 Total No. of members | <input type="text" value="19"/> |

- 2.10 No. of IQAC meetings held
- 2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others
- 2.12 Has IQAC received any funding from UGC during the year? Yes No
- If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

| | | | | | |
|------------|--------------------------------|-------------------|--------------------------------|----------|--------------------------------|
| Total Nos. | <input type="text" value="1"/> | International | <input type="text" value="-"/> | National | <input type="text" value="-"/> |
| State | <input type="text" value="1"/> | Institution Level | <input type="text" value="1"/> | | |

Themes

A College level Training programme for Teaching Staff on “Imparting Value Education to Students”, was conducted on 8th February, 2018. The Chief Guest was Dr. Xavier Alphonse, S.J., Founder Director, Indian Centre for Research and Development of Community Education, 30, Veerasamy Street, Egmore, Chennai – 600 008.

A State level Faculty Development Programme on “Productive Teaching Strategies” was conducted on 29th and 30th June, 2018. The Chief Guests Were Dr. V.P. Sivhakumaar, Former Professor & Head, Department of Educational Technology & Multimedia, National Institute of Technical Teachers Training & Research, Chennai; Consultant – Technical Teacher Development & e-Content Development; Chief Executive Officer, Technical Teachers Development Academy, Thiruvanmiyur, Chennai, and Dr. M.V. Srinath, Advisor, Chennai Softech, Nungambakkam, Chennai.

2.14 Significant Activities and contributions made by IQAC

IQAC has been functioning in the college since 2007 with the thrust on academic excellence. The main task of IQAC is planning and monitoring and this is accomplished through the following functions:

Facilitating the CDDC (Curriculum Design and Development Cell) in creating a learner-centric environment conducive for quality education.

Consolidating the Feed Back responses from students, parents and other stake holders.

Disseminating information on the various quality parameters of higher education

Documenting the various quality enhancing programmes / activities of the college.

The Curriculum Design and Development Cell (CDDC) and the Internal Quality Assurance Cell (IQAC) function at the institutional level primarily with internal and external expertise.

Feed -back from students and alumnae is analysed and presented at the Internal Quality Assurance Cell meeting. Based on the suggestions from the members of the Internal Quality Assurance Cell, further follow up action is planned and disseminated to the Heads, Officers or Tutors for implementation.

The syllabi are revised periodically with academic experts serving as members of Board of Studies who review the content specifically at the departmental level and at the college level by the members of Academic Council. The IQAC also monitors the entire process for any lacunae.

The quality policy has been formulated based on the vision and mission of the college and is the guiding force that help departments to plan their activities. The Principal and the IQAC ensure that the quality policy and its objectives are well communicated to all the personnel of the College for implementation. These objectives are regularly reviewed and revised in the Management Review meetings.

A College level Training programme for Teaching Staff on “Imparting Value Education to Students”, was conducted

Organized a Faculty Development Programme on “Productive Teaching Strategies”.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

| Plan of Action | Achievements |
|---|--|
| Department of Computer Science and Applications to conduct a National Conference in August, 2017. | Department of Computer Science and Applications conducted a National Conference on Image Processing and Pattern Recognition, on 30 th August, 2017. |
| Department of Biochemistry to conduct a Symposium in September, 2017. | Department of Biochemistry conducted an International Symposium on Healthcare System in Cancer Biology, on 20 th September, 2017. |
| Department of Microbiology to organize a Symposium in September, 2017. | Department of Microbiology organized a Symposium on Global Impact on Emerging Zoonotic and vector borne Diseases, on 27 th September, 2017. |
| Department of Commerce to organize a National Level Seminar in February, 2018. | Department of Commerce organized a National Level Seminar on Technological Innovations of Indian Banking System, on 21 st February, 2018 |
| Department of Mathematics to conduct a State Level Seminar in February, 2018. | Department of Mathematics conducted a State Level Seminar on Recent Developments in Applied Mathematics and Statistics, on 27 th February, 2018. |
| Department of Business Administration to conduct a National Seminar in March, | Department of Business Administration conducted a National Seminar on Post-GST impact in Indian Economy, on 7 th |

Management Syndicate - Any other body IQAC

Provide the details of the action taken

Approved.

Part-B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|---|
| PhD | - | - | 3 | Value added programmes – 3 Career oriented programmes – 22 |
| PG | - | - | 6 | |
| UG | - | - | 7 | |
| PG Diploma | - | - | 1 | |
| Advanced Diploma | - | - | - | |
| Diploma | - | - | 1 | |
| Certificate | - | - | 3 | |
| Others (M.Phil.) | - | - | 4 | |
| Total | - | - | 25 | 20 |
| Interdisciplinary | - | - | 16 | - |
| Innovative | - | - | - | - |

1.2 i) Flexibility of the Curriculum: CBCS / Core / Elective option / Open options

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|--|
| Semester | UG – 7 PG – 6 M.Phil. – 4 |
| Trimester | - |
| Annual | PG Diploma – 1 Diploma – 3 Certificate – 3 |
| Others | Ph.D. – 3 |

1.3 Feedback from stakeholders* (*On all aspects*)

Alumni Parent Employers Students

Mode of feedback:

Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure (Annexure – 1)*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, there is a change in the syllabus as per the suggestion and recommendations of the Board of Studies has been considered for the modification of syllabus in all departments

- Syllabus updation
- New papers are introduced in the course of study
- Subject codes are revised as per the modification

| CURRICULAR REVISION | | | |
|-----------------------------------|---|----------------------|------------------------------------|
| Year | Revision in the existing courses | % of revision | Introduction of new courses |
| DEPARTMENT OF TAMIL | | | |
| For U.G. Courses | | | |
| I YEAR | U1LT11FL Foundation Tamil-I as U1LT21FL Foundation Tamil – I | 80 % | |
| | U2LT11FL Foundation Tamil - II as U2LT21FL Foundation Tamil - II | 75 % | |
| II YEAR | U3LT11FL Foundation Tamil – III as U3LT21FL Foundation Tamil – III | 50 % | |
| | U4LT11FL Foundation Tamil - IV as U4LT21FL Foundation Tamil - IV | 80 % | |
| DEPARTMENT OF ENGLISH | | | |
| For U.G. Courses | | | |
| I YEAR | U1LE01SL Resources I as Foundation English I U1LE21SL | 100 % | |
| | U2LE01SL Transactions in English as Foundation English II U2LE21SL | 100 % | |
| II YEAR | U3LE01SL Spring Board III as Foundation English III U3LE21SL | 100 % | |
| | U4LE01SL Easy English as Foundation English IV U4LE21SL | 100 % | |
| DEPARTMENT OF BIOCHEMISTRY | | | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|---------------------------|---|---------------|-----------------------------|
| B.Sc. Biochemistry | | | |
| I YEAR | U1BC01MT Cell biology as U1BC21MT Cell biology | 10 % | |
| | U1CH01AT Chemistry – I as U1CH21AT Chemistry – I | 20 % | |
| | U1ES01GS Environmental studies as U1ES21GS Environmental studies | 40 % | |
| | U2BC01MT Biomolecules as U2BC21MT Biomolecules | 30 % | |
| | U2BC01MP Volumetric and Qualitative analysis as U2BC21MP Volumetric and Qualitative analysis | 10 % | |
| | U2CH01AT Chemistry – II as U2CH21AT Chemistry – II | 20 % | |
| | U2CH01AP Allied – I Practical as U2CH21AP Allied – I Practical | 10 % | |
| | U2VE11GS value education (general awareness) as U2VE21GS value education (general awareness) | - | |
| II YEAR | U3BC01MT Analytical Biochemistry as U3BC21MT Biophysics And Analytical Biochemistry | 40 % | |
| | U3MB11AT Microbiology - I as U3MB21AT Microbiology - I | - | |
| | U3BC02ST Fundamentals of Computer as U3BC22ST Fundamentals of Computer | 20 % | |
| | U3BC01NM Diagnostic Biochemistry - I as U3BC21NM Diagnostic Biochemistry - I | 50 % | |
| | U4BC11MT Medical Laboratory Technology as U4BC21MT Medical Laboratory Technology | 40 % | |
| | U4BC11MP Practical - II Medical Laboratory Technology as U4BC21MP Practical - II Medical Laboratory Technology | - | |
| | U4MB11AT Microbiology - II as U4MB21AT Microbiology - II | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|---------------------|---|---------------|--|
| | U4MB01AP Allied - II Practical as U4MB21AP Allied - II Practical | - | |
| | U4BC02ST Computer Applications as U4BC22ST Computer Applications | 10 % | |
| | U4BC01NM Diagnostic Biochemistry - II as U4BC21NM Diagnostic Biochemistry - II | 40 % | |
| III YEAR | U5BC01MT Enzymology as U5BC21MT Basic Enzymology | 30 % | |
| | U5BC02MT Intermediary Metabolism as U5BC22MT Intermediary Metabolism | - | |
| | U5BC03MT Genetics And Molecular Biology as U5BC23MT Genetics And Molecular Biology | - | |
| | U5BC14ET Hormonal Biochemistry as U5BC24ET Hormonal And Nutritional Biochemistry | 60 % | The paper Nutritional Biochemistry has been shifted from VI Semester to V Semester |
| | U5BC05ET Biochemical and Environmental Toxicology as U5BC25ET Biochemical and Environmental Toxicology | - | |
| | U5BC06ST Bio Statistics as U5BC26ST Bio Statistics | 40 % | |
| | U6BC01MT Human Physiology and Nutritional Biochemistry as U6BC21MT Human Anatomy and Physiology | 60 % | New paper Human anatomy and physiology has been introduced |
| | U6BC02MT Clinical Biochemistry as U6BC22MT Clinical Biochemistry | 30 % | |
| | U6BC03ET Biotechnology as U6BC23ET Biotechnology | - | |
| | U6BC04ET Plant Biochemistry and Plant Molecular Biology as U6BC24ET Plant Biochemistry and Plant Molecular Biology | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|---------------------------|---|---------------|-----------------------------|
| | U6BC15ET Immunology as U6BC25ET Immunology | 30 % | |
| | U6BC06ET Bionanotechnology as U6BC26ET Bionanotechnology | - | |
| | U6BC11MP Blood Analysis and Enzymology as U6BC21MP Blood Analysis and Enzymology | 10 % | |
| | U6BC12EP Food Analysis, Microbiology and Separation Techniques as U6BC22EP Food Analysis, Microbiology and Separation Techniques | 30 % | |
| | U6BC07ST Pharmacology and Pharmaceutical Biochemistry as U6BC27ST Pharmacology and Pharmaceutical Biochemistry | - | |
| M.Sc. Biochemistry | | | |
| I YEAR | P1BC01MT Chemistry of Macromolecules as P1BC21MT Chemistry of Macromolecules | 20 % | |
| | P1BC02MT Cell Biology & Genetics as P1BC22MT Cell Biology & Genetics | 50 % | |
| | P1BC03MT Biophysical and Analytical Techniques as P1BC23MT Biophysical and Biochemical Techniques | 30 % | |
| | P1BC04ET Chemistry and Nanoscience for Biologists as P1BC24ET Chemistry and Nanoscience for Biologists | 40 % | |
| | P2BC01MT Bioenergetics Intermediary Metabolism as P2BC21MT Bioenergetics & Intermediary Metabolism | 20 % | |
| | P2BC02MT Advanced Enzymology as P2BC22MT Enzyme & Enzyme technology | 20 % | |
| | P2BC03MT Biotechnology as P2BC23MT Advanced Biotechnology. | 20 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|----------------|---|---------------|-------------------------------------|
| | P2BC11MP Isolation and Characterization studies and Quantitative Analysis as P2BC21MP Isolation and characterization studies and Quantitative Analysis | 10 % | |
| | P2BC04ET Plant Biochemistry & microbial technology as P2BC24ET Plant Biochemistry & Plant Ecology | 40 % | Ecology portion has been introduced |
| | P2HR01GS Human Rights as P2HR21GS Human Rights | 80 % | |
| II YEAR | P3BC01MT Advanced endocrinology as P3BC21MT Hormones & Signal transduction | 20 % | |
| | P3BC02MT Research Methodology as P3BC22MT Research Methodology | 20 % | |
| | P3BC03MT Molecular Biology and Bioethics as P3BC23MT Molecular Biology and Bioethics | 30 % | |
| | P3BC06ET Phytochemistry and phytotherapy as P3BC24ET Phytochemistry and phytotherapy | 40 % | |
| | P3BC04ET Immunology and Stem Cell Technology as P3BC25ET Immunology and Stem Cell Technology | 20 % | |
| | P3BC05ET Pharmaceutical Biochemistry as P3BC26ET Pharmaceutical Biochemistry | - | |
| | P4BC01MT Human Physiology and Nutrition as P4BC21MT Human Physiology and Nutrition | 10 % | |
| | P4BC02MT Advanced Clinical Biochemistry as P4BC22MT Advanced Clinical Biochemistry | 20 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|--|--|---------------|---|
| | P4BC11MP Biochemical Analysis of Blood, Marker enzymes and antioxidant studies as P4BC21MP Biochemical Analysis of Blood, Antioxidant and Immunological Studies | 40 % | |
| | P4BC12MP Haematological Methods, Urine Analysis as P4BC22MP Haematological Methods, Urine Analysis and Microbial Biochemistry | 40 % | |
| | P4BC01PV Project work with Viva-Voce as P4BC21PV Project work with Viva-Voce | - | |
| DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS | | | |
| B.Sc. Computer Science | | | |
| I YEAR | U1CS01MT Digital Logic and Design as U1CS21MT Digital Logic and Design | 10 % | U1CS21MP Multimedia Lab Instead of U1CS01MP PC Software lab |
| | U2CS01MT Programming in C as U2CS21MT Programming in C | 10 % | U3CS22MP Data Structures and Computer Algorithms Lab (Newly Introduced) |
| | U2CS11MP Programming in C Lab as U2CS21MP Programming in C Lab | 10 % | U5CS22MT Open Source Programming Instead of U5CS02MT Operating System |
| II YEAR | U3CS01MT Object Oriented Programming Using C++ as U3CS21MT Object Oriented Programming Using C++ | | U5CS22MP Open Source Programming Lab Instead of U5CS02MP Operating System Lab |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|------|---|---------------|--|
| | U3CS01MP C++ and Data Structure Lab as U3CS21MP Object Oriented Programming Using C++ Lab | 50 % | U6CS23ET Artificial Intelligence Instead of U6CS03ET Client Server Technology |
| | U3CS02AT Statistical Methods and their applications I as U3CS22AT Statistical Methods and their applications I | 10 % | U6CS25ET Multimedia Systems Instead of U6CS05ET Network Security |
| | U3CS03ST Data Structures and Algorithms as U3CS23ST Data Structures and Computer Algorithms | 75 % | U6CS26ST Cloud Computing Instead of U6CS06ST Animation Techniques |
| | U3CS01NM Introduction to Information Technology as U3CS21NM Introduction to Information Technology | 10 % | |
| | U3BA01NM Management Concepts as U3BA21NM Management Concepts | 10 % | |
| | U4CS01MT Java Programming as U4CS21MT Java Programming | 10 % | |
| | U4CS01MP Java Programming Lab as U4CS21MP Java Programming Lab | 10 % | |
| | U4CS02AT Statistical Methods and their applications II as U4CS22AT Statistical Methods and their applications II | 10 % | |
| | U4CS02AP Statistical Methods and their applications I & II as U4CS22AP Statistical Methods and their applications I & II | 10 % | |
| | U4CS03ST Microprocessors and Micro Controllers as U4CS23ST Microprocessors and Microcontrollers | 10 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses | |
|---------------------|--|---------------|-----------------------------|--|
| | U4CS01NM Internet and its Applications as U4CS21NM Internet and its Applications | 10 % | | |
| III YEAR | U5CS01MT Database Management System as U5CS21MT Relational Database Management System | 10 % | | |
| | U5CS02MT Operating System as U5CS25ST Operating System | 10 % | | |
| | U5CS01MP RDBMS Lab as U5CS21MP RDBMS Lab | | | |
| | U5CS03ET Data and Communication Networks as U5CS23ET Data and Communication Networks | 10 % | | |
| | U5CS04ET Computer Graphics as U5CS24ET Computer Graphics | 10 % | | |
| | U6CS01MT Visual Programming as U6CS21MT Visual Programming | 10 % | | |
| | U6CS01MP Web Technology Lab as U6CS22MP Web Technology Lab | 10 % | | |
| | U6CS02MP Visual Programming Lab as U6CS21MP Visual Programming Lab | 10 % | | |
| | U6CS08MT Software Project Management as U6CS22ET Software Project Management | 10 % | | |
| | U6CS02ET Web Technology as U6CS22MT Web Technology | 10 % | | |
| | U6CS04ET Data mining and Warehousing as U6CS24ET Data mining and Warehousing | 10 % | | |
| | U6CS07EA Extension Activities as U6CS27EA Extension Activities | 10 % | | |
| | B.C.A. | | | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|----------------|---|---------------|--|
| I YEAR | U1CA01MT Digital Logic and Design as U1CA21MT Digital Logic and Design | 10 % | U1CA21MP Multimedia Lab Instead of U1CA01MP PC Software lab |
| | U2CA01MT Programming in C as U2CA21MT Programming in C | 10 % | U3CA22MP Data Structures and Computer Algorithms Lab (Newly Introduced) |
| | U2CA11MP Programming in C Lab as U2CA21MP Programming in C Lab | 10 % | U5CA22MT Open Source Programming Instead of U5CA02MT COBOL Programming |
| II YEAR | U3CA01MT Object Oriented Programming Using C++ as U3CA21MT Object Oriented Programming Using C++ | - | U5CA22MP Open Source Programming Lab Instead of U5CA02MP COBOL Lab |
| | U3CA02MT Data Structures and Algorithms as U3CA22MT Data Structures and Computer Algorithms | 75 % | U6CA27ST Cloud Computing Instead of U6CA07ST Animation Techniques |
| | U3CA03MT Computer Architecture as U3CA23MT Computer Architecture | 10 % | |
| | U3CA01MP C++ and Data Structures Lab as U3CA21MP Object Oriented Programming Using C++ Lab | 50 % | |
| | U3CM11AT Financial Accounting I as U3BA21AT Financial Accounting I | 10 % | |
| | U3CA04ST Enterprise Resource Planning as U3CA24ST Enterprise Resource Planning | 10 % | |
| | U3BA01NM Management Concepts as U3BA21NM Management Concepts | 10 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|---------------------|---|---------------|-----------------------------|
| | U4CA01MT Computer Networks as U4CA21MT Computer Networks | 10 % | |
| | U4CA02MT Operating System as U4CA22MT Operating System | 10 % | |
| | U4CA03MT Visual Programming as U4CA23MT Visual Programming | 10 % | |
| | U4CA01MP Visual Programming Lab as U4CA21MP Visual Programming Lab | 10 % | |
| | U4CM11AT Financial Accounting II as U4BA21AT Financial Accounting II | 10 % | |
| | U4CA04ST E-Commerce as U4CA24ST E-Commerce | 10 % | |
| III YEAR | U5CA01MT Database Management System as U5CA21MT Relational Database Management System | 10 % | |
| | U5CA01MP RDBMS(Oracle Lab) as U5CA21MP RDBMS Lab | - | |
| | U5CA03ET Data Mining & Warehousing as U5CA23ET Data Mining and Warehousing | 10 % | |
| | U5CA14ET Microprocessors and Microcontrollers as U5CA24ET Microprocessors and Microcontrollers | 10 % | |
| | U5CA04ST Mobile Computing as U5CA25ST Mobile Computing | 10 % | |
| | U6CA01MT Java Programming as U6CA21MT Java Programming | 10 % | |
| | U6CA05ET Web Technology as U6CA22MT Web Technology | 10 % | |
| | U6CA01MP Java Lab as U6CA21MP Java Lab | 10 % | |
| | U6CA02MP Web Technology Lab as U6CA22MP Web Technology Lab | 10 % | |
| | U6CA03ET Computer Graphics as U6CA23ET Computer Graphics | 10 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|---------------|---|---------------|---|
| | U6CA06ET Management Information systems. as U6CA26ET Management Information systems. | 10 % | |
| | U6CA02MT Software Project Management as U6CA25ET Software Project Management | 10 % | |
| | U6CA08EA Extension Activities as U6CA21EA Extension Activities | 10 % | |
| M.C.A. | | | |
| I YEAR | P1CA01MT Programming in C as P1CA21MT Programming in C | 10 % | P5CA21MT Big Data Analytics Instead of P5CA11MT Cloud Computing |
| | P1CA02MT Digital logic and Computer Organization as P1CA22MT Digital logic and Computer Organization | 10 % | |
| | P1CA03MT Principles of Information Technology as P1CA23MT Principles of Information Technology | 10 % | P5CA26ET Decision Support System Instead of P5CA05ET Embedded Systems |
| | P1CA04MT Data Structures as P1CA24MT Data Structures | 10 % | |
| | P1CA05MT Discrete Mathematics as P1CA25MT Discrete Mathematics | 10 % | P5CA25ET Internet of Things Instead of P5CA06ET Network Security |
| | P1CA01MP C and Data Structures – Lab as P1CA21MP C and Data Structures – Lab | 10 % | |
| | P1CA02MP Office Automation –Lab as P1CA22MP Office Automation –Lab | 10 % | P5CA24MT Network Security Instead of P5CA04 MT Data Mining |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|----------------|---|---------------|---|
| | P2CA01MT Object Oriented Programming in C++ as P2CA21MT Object Oriented Programming in C++ | 10 % | |
| | P2CA02MT Design and Analysis of Algorithms as P2CA22MT Design and Analysis of Algorithms | 10 % | P5HR21GS Human Rights Shifted from VI semester |
| | P2CA03MT Computer Graphics as P2CA23MT Computer Graphics | 10 % | |
| | P2CA04MT Accounting and Financial Management as P2CA24MT Accounting and Financial Management | 10 % | |
| | P2CA01MP C++ and Algorithms – Lab as P2CA21MP C++ and Algorithms – Lab | 10 % | |
| | P2CA02MP Computer Graphics – Lab as P2CA22MP Computer Graphics – Lab | 10 % | |
| II YEAR | P3CA11MT Advanced Operating System as P3CA21MT Advanced Operating System | 10 % | |
| | P3CA12MT Advanced Database Systems as P3CA22MT Advanced Database Systems | 10 % | |
| | P3CA23MT Software Engineering as P3CA23MT Software Engineering | 10 % | |
| | P3CA06ET Object Oriented Analysis and Design as P3CA24MT Object Oriented Analysis and Design | 10 % | |
| | P3CA04ET Soft Computing as P3CA25ET Soft Computing | 10 % | |
| | P3CA05ET Digital Image Processing as P3CA26ET Digital Image Processing | 10 % | |
| | P3CA11MP RDBMS (Oracle) – Lab as P3CA21MP RDBMS (Oracle) – Lab | 10 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|-----------------------------------|---|---------------|-----------------------------|
| | P3CA12MP Advanced Operating System Lab as P3CA22MP Advanced Operating System Lab | 10 % | |
| | P4CA01MT Principles of Compiler Design as P4CA21MT Principles of Compiler Design | 10 % | |
| | P4CA12MT Advanced Java Programming as P4CA22MT Advanced Java Programming | 10 % | |
| | P4CA03MT Resource Management Techniques as P4CA23MT Resource Management Techniques | 10 % | |
| | P4CA14MT C# and .Net Framework as P4CA24MT C# and .Net Framework | 10 % | |
| | P4CA11MP Advanced Java Programming Lab as P4CA21MP Advanced Java Programming Lab | 10 % | |
| | P4CA12MP C# and .Net Lab as P4CA22MP C# and .Net Lab | 10 % | |
| | P4CA05ET E-Commerce as P4CA25ET E-Commerce | 10 % | |
| | P4CA16ET Software Testing as P4CA26ET Software Testing | 10 % | |
| III YEAR | P5CA02MT WAP & XML as P5CA22MT WAP & XML | 10 % | |
| | P5CA13MT VB.NET & ASP.NET Programming as P5CA23MT VB.NET & ASP.NET Programming | 10 % | |
| DEPARTMENT OF MICROBIOLOGY | | | |
| B.Sc. Microbiology | | | |
| I YEAR | U1MB11MT General Microbiology as U1MB21MT General Microbiology. | - | |
| | U1BC01AT Biochemistry I as U1BC21AT Biochemistry I. | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|-----------------|---|---------------|-----------------------------|
| | U1ES01GS Environmental studies as U1ES21GS Environmental studies. | - | |
| | U2MB11MT Microbial Physiology as U2MB21MT Microbial Physiology | - | |
| | U2BC01AT Biochemistry II as U2BC21AT Biochemistry II | - | |
| | U2VE11GS Value Education as U2VE21GS Value Education | - | |
| II YEAR | U3MB11MT Immunology as U3MB21MT Immunology | - | |
| | U3MB02AT Bio-Statistics I as U3MB22AT Bio-Statistics I | - | |
| | U3MB04ST Medical Laboratory Technology as U3MB24ST Medical Laboratory Technology | - | |
| | U3MB11NM Clinical Microbiology I as U3MB21NM Clinical Microbiology I | - | |
| | U3MB11AT Allied Microbiology I as U3MB21AT Allied Microbiology I | - | |
| | U4MB11MT Microbial Genetics as U4MB21MT Microbial Genetics | - | |
| | U4MB02AT Bio-Statistics II as U4MB22AT Bio-Statistics II | - | |
| | U4MB03ST Computer Applications in Biology as U4MB23ST Computer Applications in Biology | - | |
| | U4MB11NM Clinical Microbiology II as U4MB21NM Clinical Microbiology II | - | |
| | U4MB11AT Allied Microbiology II as U4MB21AT Allied Microbiology II | - | |
| III YEAR | U5MB11MT Molecular Biology and Genetic Engineering as U5MB21MT Molecular Biology and Genetic Engineering | - | |
| | U5MB12MT Medical Bacteriology as U5MB22MT Medical Bacteriology | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|-----------------------------------|--|---------------|-----------------------------|
| | U5MB13MT Medical Virology, Mycology and Parasitology as U5MB23MT Medical Virology, Mycology and Parasitology | - | |
| | U5MB14ET Human Microbial Diseases, Causes and Control as U5MB24ET Human Microbial Diseases, Causes and Control. | - | |
| | U5MB16ST Mushroom and Vermiculture Techniques as U5MB26ST Mushroom and Vermiculture Techniques | - | |
| | U6MB11MT Food and Dairy Microbiology as U6MB21MT Food and Dairy Microbiology | - | |
| | U6MB12MT Industrial Microbiology as U6MB22MT Industrial Microbiology | - | |
| | U6MB13ET Pharmaceutical Microbiology as U6MB23MT Pharmaceutical Microbiology | - | |
| | U6MB14ET Tannery Technology as U6MB24ET Tannery Technology | - | |
| | U6MB15ET Environmental Microbiology as U6MB25ET Environmental Microbiology | - | |
| | U6MB16ET Biochemical Methodology as U6MB26ET Biochemical Methodology | - | |
| | U6MB17ST Agriculture and Biofertilizer Technology as U6MB27ST Agriculture and Biofertilizer Technology | - | |
| M.Sc. Applied Microbiology | | | |
| I YEAR | P1AM11MT General Microbiology and Microbial Diversity as P1AM21MT General Microbiology | 75 | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|----------------|---|---------------|-----------------------------|
| | P1AM12MT Food and Environmental Microbiology as P1AM22MT Food and Environmental Microbiology | - | |
| | P1AM13MT Immunotechnology as P1AM23MT Immunotechnology | - | |
| | P1AM14ET Soil and Agricultural Microbiology as P1AM24ET Soil and Agricultural Microbiology | - | |
| | P1AM05ET Bioprocess Technology as P1AM25ET Bioprocess Technology | - | |
| | P2AM11MT Medical Bacteriology and Virology as P2AM21MT Medical Bacteriology and Virology | - | |
| | P2AM12MT Medical Mycology and Parasitology as P2AM22MT Medical Mycology and Parasitology | - | |
| | P2AM13MT Microbial Physiology and Genetics as P2AM23MT Microbial Physiology and Genetics | - | |
| | P2AM14ET Hematology and Clinical Techniques as P2AM24ET Hematology and Clinical Techniques | - | |
| | P2AM05ET Bioinformatics and Bioinstrumentation as P2AM24ET Bioinformatics and Bioinstrumentation | - | |
| | P2HR01GS Human Rights as P2HR21GS Human Rights | - | |
| II YEAR | P3AM11MT Cell Biology and Molecular Biology as P3AM21MT Cell Biology and Molecular Biology | - | |
| | P3AM12MT Microbial Gene Technology and Bioinformatics as P3AM22MT Microbial Gene Technology and Bioinformatics | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|-------------------------------|---|---------------|--|
| | P3AM13MT Industrial Biotechnology and its Applications as P3AM23MT Industrial Biotechnology and its Applications | - | |
| | P3AM14MT Research Methodology as P3AM24MT Research Methodology | - | |
| | P3AM15ET Herbal Technology as P3AM25ET Herbal Technology | - | |
| | P3AM06ET Clinical Microbiology as P3AM26ET Clinical Microbiology | - | |
| | P4AM11MT Biological Techniques as P4AM21MT Biological Techniques | - | |
| | P4AM12ET Nanobiotechnology and Bioremediation as P4AM12ET Nanobiotechnology and Bioremediation | - | |
| | P4AM03ET Genetic Engineering as P4AM23ET Genetic Engineering | - | |
| DEPARTMENT OF COMMERCE | | | |
| B.Com. | | | |
| I YEAR | U1CM01MT Principles of Accountancy as U1CM21MT Principles of Accountancy | - | U1EC01AT Indian Economy I changed as U1CM21AT Principles of Marketing |
| | U1CM02MT Business Communication as U1CM22MT Business Communication | - | |
| | U2CM01MT Financial Accounting as U2CM21MT Financial Accounting | | U2EC01AT Indian Economy II changed as U2CM21AT Modern Marketing |
| | U2CM02MT Business Organization as U2CM22MT Business organization | | |
| II YEAR | U3CM01MT Corporate Accounting as U3CM01MT Corporate Accounting | - | |
| | U3CM02MT Business Laws as U3CM22MT Business laws | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|---------------------|---|---------------|-----------------------------|
| | U3CM04MT Business Economics I as U3CM24MT Business Economics I | - | |
| | U3CM06ST Development of small Business as U3CM26ST Development of small Business | - | |
| | U4CM01MT Advanced Corporate Accounting as U4CM21MT Advanced Corporate Accounting | - | |
| | U4CM02MT Company Law as U4CM22MT Company Law. | - | |
| | U4CM03MT Banking Law and Practice as U4CM23MT Banking Law and Practice | - | |
| | U4CM04MT Business Economics II as U4CM24MT Business Economics II | - | |
| | U4CM06ST Industrial Organization as U4CM26ST Industrial Organization | - | |
| III YEAR | U5CM01MT Cost Accounting I as U5CM21MT Cost Accounting | - | |
| | U5CM02MT Practical Auditing as U5CM22MT Practical Auditing | - | |
| | U5CM03MT Business Management as U5CM23MT Business Management | - | |
| | U5CM04MT Management Accounting as U5CM24MT Management accounting | - | |
| | U5CM05ET Income Tax Law & Practice I as U5CM05ET Income Tax Law & Practice I | - | |
| | U5CM09ST Merchant Banking as U5CM27ST Merchant Banking | - | |
| | U6CM01MT Cost Accounting II as U6CM21MT Cost accounting II | - | |
| | U6CM02MT Financial Management as U6CM22MT Financial Management | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|---------------|---|---------------|---|
| | U6CM03MT Entrepreneurial Development as U6CM23MT Entrepreneurial Development | - | |
| | U6CM04ET Income Tax Law & Practice II as U6CM24ET Income Tax Law & Practice II | - | |
| | U6CM08ET Human Resource Management as U6CM26ET Human Resource Management | - | |
| | U6CM12ST Public Enterprises In India as U6CM28ST Public Enterprises In India | - | |
| M.Com. | | | |
| I YEAR | P1CM01MT Advanced Financial Management as P1CM02MT Advanced Financial Management | - | P1CM06ET Managerial Economics changed as P1CM25ET Industrial and Labour Laws |
| | P1CM02MT Accounting For Managerial Decision as P1CM22MT Accounting For Managerial Decision | - | |
| | P1CM03MT Global Marketing as P1CM23MT Global Marketing | - | |
| | P2CM02MT Human Resource Management as P2CM22MT Human Resource Management | - | P2CM01MT Corporate Law s changed as P2CM21MT Project Management |
| | P2CM03MT Advanced Accounts as P2CM23MT Advanced Accounts | 40 % | |
| | P2HR01GS Human Rights as P2HR21GS Human Rights | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|--|---|---------------|--|
| II YEAR | P3CM02MT Organizational Behaviour as P3CM22MT Organizational Behaviour | - | P3CM01MT Indirect Taxes changed as P3CM21MT Indirect Taxation |
| | P3CM03MT Advanced Cost Accounting as P3CM23MT Advanced Cost Accounting | - | |
| | P3CM04MT Research Methodology as P3CM24MT Research Methodology | - | |
| | P3CM07ET Financial Services as P3CM25MT Financial Services | - | |
| | P3CM05ET Services Marketing as P3CM26ET Services Marketing | - | |
| | P4CM01MT Direct Taxes as P4CM21MT Direct Taxes | - | |
| | P4CM02MT Investment Management as P4CM22MT Investment Management | - | |
| | P4CM03ET Sales & Advertising Management as P4CM25ET Sales & Advertising Management | - | |
| DEPARTMENT OF BUSINESS ADMINISTRATION | | | |
| B.B.A. | | | |
| I YEAR | U1BA11MT Principles of Management as U1BA21MT Principles of Management | - | |
| | U1BA02MT Business Mathematics and Statistics-I as U1BA22MT Business Mathematics and Statistics-I | - | |
| | U1BA01AT Business Organization as U1BA21AT Business Organization | 40 % | |
| | U1ES01GS Environmental Studies as U1ES21GS Environmental Studies | - | |
| | U2BA01MT Business Communication as U2BA21MT Business Communication | 40 % | |
| | | | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|----------------|---|---------------|-----------------------------|
| | U2BA02MT Business Mathematics and Statistics-II as U2BA22MT Business Mathematics and Statistics-II | - | |
| | U2BA11AT Organizational Behaviour as U2BA21AT Organizational Behaviour | - | |
| | U2VE11GS Value Education as U2VE21GS Value Education | - | |
| II YEAR | U3BA11MT Production Management as U3BA21MT Production Management | - | |
| | U3BA02MT Financial Accounting as U3BA22MT Financial Accounting | 40 % | |
| | U3BA03MT Strategic Management as U3BA23MT Strategic Management | - | |
| | U3BA04MT Managerial Economics as U3BA24MT Managerial Economics | - | |
| | U3BA11AT Office Management as U3BA21AT Office Management | - | |
| | U3BA01ST Customer Relationship Management as U3BA21ST Customer Relationship Management | - | |
| | U3CA01NM Introduction to information technology as U3CS21NM Introduction to information technology | - | |
| | U4BA01MT Materials Management as U4BA21MT Materials Management | - | |
| | U4BA02MT Management Accounting as U4BA22MT Management Accounting | - | |
| | U4BA03MT Business Environment as U4BA23MT Business Environment | - | |
| | U4BA04MT Operations Research as U4BA24MT Operations Research | - | |
| | U4BA01AT Financial Management as U4BA21AT Financial Management | 50 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|---------------------|--|---------------|--|
| | U4BA01ST Total Quality Management as U4BA21ST Total Quality Management | 40 % | |
| | U4CS01NM Internet and its application as U4CS21NM Internet and its application | - | |
| III YEAR | U5BA01MT Business Law as U5BA21MT Business Law | - | |
| | U5BA02MT Marketing Management as U5BA22MT Marketing Management | - | |
| | U5BA03MT Human Resources Management as U5BA23MT Human Resources Management | - | |
| | U5BA04ET Entrepreneurial Development as U5BA24ET International Business and U5BA25ET Banking and Insurance | - | U5BA04ET Entrepreneurial Development elective paper has been changed as skill based paper for 6 th semester. Two elective papers are included |
| | U6BA01MT Industrial Relations as U6BA21MT Industrial Relations | - | |
| | U6BA02MT Computer Applications In Business as U6BA22MT Computer Applications In Business | - | |
| | U6BA03ET Marketing research as U6BA23ET Research Methodology and U6BA24ET Marketing Research | - | |
| | U6BA01PV Project Work with Viva voce as U6BA21PV Project Work with Viva voce | - | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|----------------------------------|---|---------------|--|
| | U6BA05ST Creativity and Innovation Management as U6BA25ST Entrepreneurial Development | - | U6BA05ST Creativity and Innovation Management changed as U6BA25ST Entrepreneurial Development |
| | U6EA01GS Extension Activities as U6BA21EA Extension Activities | - | |
| DEPARTMENT OF Mathematics | | | |
| B.Sc. Mathematics | | | |
| I YEAR | U1MA01MT Algebra as U1MA21MT Algebra | 5 % | |
| | U1MA02MT Trigonometry as U1MA22MT Trigonometry | 15 % | |
| | U1MA02AT Numerical Methods- I as U1MA22AT Numerical Methods- I | 10 % | |
| | U2MA01MT Calculus as U2MA21MT Calculus | 10 % | |
| | U2MA02MT Analytical Geometry as U2MA22MT Analytical Geometry of three Dimension | 50 % | |
| | U2MA02AT Numerical Methods- II as U2MA22AT Numerical Methods- II | 5 % | |
| II YEAR | U3MA01MT Differential equations as U3MA21MT Differential equations | 12 % | |
| | U3MA12AT Mathematical statistics-I as U3MA22AT Mathematical statistics-I | 15 % | |
| | U3MA03ST Mathematics for Competitive Examinations as U3MA23ST Mathematics for Competitive Examinations | 20 % | |
| | U4MA01MT Vector Analysis and Fourier Analysis as U4MA21MT Vector Analysis and Fourier Analysis | 12 % | |
| | U4MA12AT Mathematical Statistics-II as U4MA22AT Mathematical Statistics-II | 15 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses | |
|--|---|---|-----------------------------|--|
| | U4MA03ST Linear Programming as U4MA23ST Linear Programming | 5 % | | |
| III YEAR | U5MA01MT Abstract Algebra as U5MA21MT Abstract Algebra | 10 % | | |
| | U5MA02MT Real Analysis-I as U5MA22MT Real Analysis-I | 15 % | | |
| | U5MA03MT Complex Analysis-I as U5MA23MT Complex Analysis-I | 20 % | | |
| | U5MA04MT Statics as U5MA24MT Statics | 12 % | | |
| | U5MA05MT Operation Research as U5MA25MT Operation Research | 5 % | | |
| | U5MA06ET Graph Theory as U5MA26ET Graph Theory | 10 % | | |
| | U5MA08ST Quantitative Techniques as U5MA28ST Quantitative Techniques | 20 % | | |
| | U6MA01MT Linear Algebra as U6MA21MT Linear Algebra | 25 % | | |
| | U6MA02MT Real Analysis-II as U6MA22MT Real Analysis-II | 15 % | | |
| | U6MA03MT Complex Analysis-II as U6MA23MT Complex Analysis-II | 10 % | | |
| | U6MA04MT Dynamics as U6MA24MT Dynamics | 5 % | | |
| | U6MA08ET Fuzzy Mathematics as U6MA28ET Fuzzy Mathematics | 12 % | | |
| | U6MA09ST Fundamentals of Applied Mathematics as U6MA29ST Fundamentals of Applied Mathematics | 10 % | | |
| | M.Sc. Mathematics | | | |
| | I YEAR | P1MA11MT Algebra I as P1MA21MT Algebra I | 10 % | |
| P1MA12MT Mathematical Analysis I as P1MA22MT Mathematical Analysis I | | 10 % | | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|----------------|---|---------------|-----------------------------|
| | P1MA03MT Ordinary Differential Equations as P1MA23MT Ordinary Differential Equations | 15 % | |
| | P1MA04MT Mechanics as P1MA24MT Mechanics | 10 % | |
| | P1MA06ET Mathematical Programming as P1MA26ET Mathematical Programming | 5 % | |
| | P2MA11MT Algebra II as P2MA21MT Algebra II | 10 % | |
| | P2MA12MT Mathematical Analysis II as P2MA22MT Mathematical Analysis II | 12 % | |
| | P2MA03MT Partial Differential Equations as P2MA23MT Partial Differential Equations | 15 % | |
| | P2MA04MT Calculus of Variations and Integral Equations as P2MA24MT Calculus of Variations and Integral Equations | 40 % | |
| | P2MA17ET Optimization Techniques as P2MA27ET Optimization Techniques | 5 % | |
| II YEAR | P3MA01MT Complex Analysis I as P3MA21MT Complex Analysis I | 10 % | |
| | P3MA02MT Topology as P3MA22MT Topology | 15 % | |
| | P3MA03MT Differential Geometry as P3MA23MT Differential Geometry | 10 % | |
| | P3MA04MT Discrete Mathematics as P3MA24MT Discrete Mathematics | 5 % | |
| | P3MA05ET Tensor Analysis and Relativity Theory as P3MA25ET Tensor Analysis and Relativity Theory | 10 % | |
| | P4MA01MT Complex Analysis II as P4MA21MT Complex Analysis II | 12 % | |

| Year | Revision in the existing courses | % of revision | Introduction of new courses |
|------|---|---------------|-----------------------------|
| | P4MA02MT Functional Analysis as P4MA22MT Functional Analysis | 5 % | |
| | P4MA03MT Mathematical Statistics as P4MA23MT Mathematical Statistics | 10 % | |
| | P4MA04MT Difference Equations as P4MA24MT Difference Equations | 15 % | |
| | P4MA05ET Number Theory and Cryptography as P4MA25ET Number Theory and Cryptography | 12 % | |

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|------------|--------|
| 53 | 43 | 10 | - | - |

2.2 No. of permanent faculty with Ph.D.

14

2.3 No. of Faculty Positions Recruited ® and Vacant (V) during the year

| Total | | Asst. Professors | | Associate Professors | | Professors | | Others | |
|-------|---|------------------|---|----------------------|---|------------|---|--------|---|
| R | V | R | V | R | V | R | V | R | V |
| 11 | - | 11 | - | - | - | - | - | - | - |

2.4 No. of Guest and Visiting faculty and Temporary faculty

- - -

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|-------------------------------|---------------------|----------------|-------------|
| Attended Seminars / Workshops | 9 | 16 | 28 |
| Presented papers | 1 | 2 | - |
| Resource Persons | - | - | 1 |

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Smart class
2. Language lab
3. OHP and LCD projectors
4. Bio-visual charts
5. Models and interactive CD-ROMs
6. E-Library resources - OPAC, DELNET and INFLIBNET
7. Mini projects for UG students
8. Live Project, Dissertation and viva-voce for PG and M.Phil. students
9. Participatory/Interactive Learning
10. Industrial Visits
11. Annual conference / seminar / symposium / workshops by all departments
12. Guest lectures

2.7 Total No. of actual teaching days during this academic year

180

| | | | | |
|------|--|---------|----|----|
| 2.8 | Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions) | - | | |
| 2.9 | No. of faculty members involved in curriculum restructuring / revision / syllabus development as member of Board of Study / Faculty / Curriculum Development workshop | 41 | 41 | 47 |
| 2.10 | Average percentage of attendance of students | 86.48 % | | |

2.11 Course/Programme wise distribution of pass percentage:

| Title of the Programme | Total no. of students appeared | Division | | | |
|----------------------------|--------------------------------|----------|------|-------|--------|
| | | I % | II % | III % | Pass % |
| B.Sc. Biochemistry | 40 | 82.5 | 2.5 | 0 | 85.0 |
| B.Sc. Computer Science | 46. | 71.7 | 4.3 | 0 | 76.1 |
| B.Sc. Microbiology | 45 | 80.0 | 11.1 | 0 | 91.1 |
| B.C.A. | 51 | 76.5 | 9.8 | 0 | 86.3 |
| B.Com. | 59 | 55.9 | 10.2 | 0 | 66.1 |
| B.B.A. | 31. | 64.5 | 29.0 | 0 | 93.5 |
| B.Sc. Maths | 68 | 85.3 | 4.4 | 0 | 89.7 |
| M.C.A. | 11 | 100 | 0 | 0 | 100 |
| M.Sc. Biochemistry | 15 | 100 | 0 | 0 | 100 |
| M.Sc. Applied Microbiology | 13 | 100 | 0 | 0 | 100 |
| M.Com. | 9 | 100 | 0 | 0 | 100 |
| M.Sc. Maths | 3 | 100 | 0 | 0 | 100 |

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

IQAC monitors the Teaching Learning process through Parents, past pupils and stakeholder's feedback and the IQAC gives suggestions to the Heads of the Department and Staff members.

Quality is sustained through academic audits which are held periodically. They syllabi are revised periodically with academic experts serving as members of Board of Studies who review the content specifically at the departmental level and at the college by the members of Academic Council. The IQAC also monitors the entire process for any lacunae.

Feedback from the students at the end of the academic year is analyzed and presented at the IQAC meeting. Based on the suggestions from the members of the IQAC, further follow up action is planned and disseminated the Heads of the Department and Staff members for implementation.

2.13 Initiatives undertaken towards faculty development

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty benefitted</i> |
|--|-------------------------------------|
| Refresher courses | - |
| UGC – Faculty Improvement Programme | - |
| HRD programmes | - |
| Orientation programmes | - |
| Faculty exchange programme | - |
| Staff training conducted by the university | - |
| Staff training conducted by other institutions | - |
| Summer / Winter schools, Workshops, etc. | - |
| Others – Faculty Development Programme organized by IQAC | 47 |

2.14 Details of Administrative and Technical staff:

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|----------------------|-------------------------------|----------------------------|--|--|
| Administrative Staff | 17 | - | - | - |
| Technical Staff | 7 | - | - | - |

Criterion - III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

As teaching and research are the two major dimensions of higher education, the college promotes a research culture among the staff and students through consultancy and collaboration. Currently the departments of Biochemistry, Microbiology, Computer Science and Commerce are recognized as Research Centers and other departments are making efforts towards this. The number of publications by the staff and students in reputed journals are increasing.

All the departments are organizing annual conference / seminar / symposia / workshop on current issues, which helps our staff members, research scholars and students to have interaction with many scholars and scientists. The details of research scholars registered for Ph.D. and M.Phil. are given below.

Ph.D. Registrations:

| | |
|--------------------------------|---|
| Department of Biochemistry | 3 |
| Department of Microbiology | 1 |
| Department of Computer Science | 3 |

M.Phil. Registrations:

| | |
|--------------------------------|----|
| Department of Biochemistry | 9 |
| Department of Microbiology | 0 |
| Department of Computer Science | 10 |
| Department of Commerce | 4 |

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | - | - | - | 4 |
| Outlay in Rs. Lakhs | - | - | - | 111.88 |

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | - | - | - | - |
| Outlay in Rs. Lakhs | - | - | - | - |

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 15 | 1 | - |
| Non-Peer Review Journals | - | - | - |

| | | | |
|------------------------|---|---|---|
| e-Journals | - | - | - |
| Conference proceedings | 2 | 1 | - |

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|--|---------------|----------------------------|------------------------|----------|
| Major projects | - | - | - | - |
| Minor Projects | - | - | - | - |
| Interdisciplinary Projects | - | - | - | - |
| Industry sponsored | - | - | - | - |
| Projects sponsored by the University/ College | - | - | - | - |
| Students research projects <i>(other than compulsory by the University)</i> | - | - | - | - |
| Any other (Specify) | - | - | - | - |
| Total | - | - | - | - |

3.7 No. of books published

i) With ISBN No.

Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP

CAS

DST-FIST

DPE

DBT Scheme/funds

3.9 For colleges

Autonomy

CPE

DBT Star Scheme

INSPIRE

CE

Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

| Level | International | National | State | University | College |
|---------------------|---------------|----------|-------|------------|---------|
| Number | 1 | 1 | 4 | - | - |
| Sponsoring agencies | - | - | - | - | - |

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | - |
| | Granted | - |
| International | Applied | - |
| | Granted | - |
| Commercialised | Applied | - |
| | Granted | - |

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

| Total | International | National | State | University | District | College |
|-------|---------------|----------|-------|------------|----------|---------|
| - | - | - | - | 1 | - | - |

3.18 No. of faculty from the Institution who are Ph. D. Guides

and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

| | | | |
|------------------|-----|---------------------|---|
| University level | 144 | State level | - |
| National level | - | International level | - |

3.22 No. of students participated in NCC events

| | | | |
|------------------|---|---------------------|---|
| University level | - | State level | - |
| National level | - | International level | - |

3.23 No. of Awards won in NSS:

| | | | |
|------------------|---|---------------------|---|
| University level | - | State level | - |
| National level | - | International level | - |

3.24 No. of Awards won in NCC:

| | | | |
|------------------|---|---------------------|---|
| University level | - | State level | - |
| National level | - | International level | - |

3.25 No. of Extension activities organized

| | | | |
|------------------|---|---------------|----|
| University forum | - | College forum | 18 |
| NCC | - | NSS | 9 |
| | | Any other | - |

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

1. Students received dance competition certificates from Collector Thiru. S.A. Raman during world consumer day celebration on 29.06.2017
2. NSS organized a campus cleaning work- cleaning the NSS room, Campus area, ground and classrooms on 05.07.2017
3. NSS conducted an awareness program regarding Dengue Awareness Programme at College Seminar Hall, APCAS on 18.07.2017
4. RRC conducting meeting for students are joining as a RRC volunteers and motivations of importance in HIV/AIDS awareness in APCAS at 22.07.2017
5. Biochemistry Department involved in blood grouping at Panchayat union primary school, Agaram Village on 28.07.2017
6. NSS organized Road and Temple cleaning work at Chennalери & Parikkalpattu Villages on 10.08.2017
7. Tamil Department conducted speech competition on 11.08.2017, students are actively participated and won the prizes
8. RRC organized international Youth Day celebration in APCAS on 12.08.2017

9. NSS conducted tree plantation programme at APCAS college playground and Chennaleri school on 22.08.2017
10. NSS organized a blood donation camp in association with Government Health Centre, Thimiri on 05.09.2017
11. Rotary club organized International Youth Day Celebration in Adhiparasakthi College of Arts and Science on 03.10.2017
12. NSS participated medical Camp at Chennaleri Village Associated with Government Hospital, Kalavai on 14.12.2017
13. NSS involved in temple cleaning and service work at Melmaruvathur on 03.01.2018
14. Tamil Department conducted essay, modern poetry, speech competition on 19.01.2018
15. RRC programme officer and students attended one day enrichment training program conducted by RRC cell of Thiruvalluvar University, Vellore on 19.01.2018
16. Student S. Reethika from B.Com won the first prize in silambam competition at Silambam association, Chennai on 28.01.18 and she won the Silambam double stick at Ayudda Varma Silamba porkalai academy, Chennai on 04.03.2018
17. NSS Special Camp was conducted at Chennaleri and Parikkalpattu Villages during 19.02.2018 to 25.02.2018
18. NSS cleaned the Mahatma Gandhi old-age Home, Arcot on 09.03.2018.
19. YRC club participate one day study camp at DKM college on 30.01.2018
20. YRC club students actively participated in speech completion at DKM college and won third prize on 06.02.2018
21. YRC club engaged in one day zonal level orientation program at Thiruvalluvar University on 09.02.2018
22. YRC club participated three day zonal level orientation program at Thiruvalluvar University on 21.02.2018 to 23.02.2018
23. Consumer club actively participated world consumer day celebration on 16.03.2018
24. Consumer club organized a program on world population day during 11.07.2018
25. YRC club students won the second prize in speech program both Tamil and English at DKM college on 20.08.2018
26. YRC engaged in one day district level camp at DKM college on 10.09.2018
27. YRC club participated zonal level orientation program at Thiruvalluvar University on 12.10.2018

Criterion - IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing | Newly created | Source of Fund | Total |
|---|-------------|---------------|----------------|-------------|
| Campus area | 71.94 Acres | - | Management | 71.94 Acres |
| Class rooms | 31 | 1 | Management | 32 |
| Laboratories | 12 | - | Management | 12 |
| Seminar Halls | 2 | - | Management | 2 |
| No. of important equipments purchased (\geq 1-0 lakh) during the current year. | - | 20 | Management | |
| Value of the equipment purchased during the year (Rs. in Lakhs) | - | Rs. 4,19,350 | Management | - |
| Others | - | - | Management | - |

4.2 Computerization of administration and library

| |
|---|
| - |
|---|

4.3 Library services:

| | Existing | | Newly added | | Total | |
|------------------|----------|-----------|-------------|---------|--------|-----------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 15,512 | 93,00,000 | 741 | 1,50,00 | 16,253 | 94,50,000 |
| Reference Books | 3,397 | 6,00,000 | - | - | 3,397 | 6,00,000 |
| e-Books | - | | - | | - | |
| Journals | 25 | 80,000 | 2, | 3,000 | 27 | 86,205 |
| e-Journals | | | | | | |
| Digital Database | | | | | | |
| CD & Video | 326 | | | | 326 | |
| Others (specify) | | | | | | |
| Backvolumes | 350 | | | | 350 | |
| DELNET | | | | 13,750 | | |
| INFLIBNET | | | | 5,900 | | |

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-----------------|---|--|------------------|------------------|--|---|--|
| Existing | 169 | UG Labs 77 PG Labs 70 Server rooms 4 Total 151 | Departments 7 Exam cell 3 IQAC 1 Office 3 Principal 1 Total 18 12 Mbps leased line | Internet lab 21 | 3 | Computers 4 Scanner 1 Printers 5 | Departments 7 Seminar hall 1 Conference hall 1 Exam cell 3 IQAC 1 Language lab 1 Total 14 | LCD 3 Printers 12 OHP 3 Scanners 3 Type writers 31 |
| Added | 24 | PG Labs 20 | - | - | - | Computer 1 | Departments 3 | Exam Cell Printer 1 |
| Total | 193 | 171 | - | - | - | 5 | 17 | - |

- 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

| |
|--|
| CCNA, Tally, DMLT, Diploma in Core Jva |
|--|

- 4.6 Amount spent on maintenance in lakhs :

| | |
|--|--------------|
| i) ICT | 1.63 |
| ii) Campus Infrastructure and facilities | 12.71 |
| iii) Equipments | 4.19 |
| iv) Others | 1.34 |
| Total : | 19.87 |

Criterion - V

5. Student Support Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Monitoring all services related to academics that are taken care of by the departments.
 Monitoring the Training and Placement Cell which takes care of all services related to career and placement.
 Counseling on problems of youth.
 Monitoring the Peer Group study.
 Creating awareness to students about various scholarships available.

5.2 Efforts made by the institution for tracking the progression

Periodical class tests were conducted and the students who fare poor are counseled.
 Academic advising is provided at the Department level.
 Parent Teachers meeting is organized at the Department level.
 Parents of students who take more than three days leave are called for and discussed.
 Remedial coaching is given for slow learners.
 Peer Group study.

5.3 (a) Total Number of students

| UG | PG | Ph.D. | Others |
|------|-----|-------|--------|
| 1231 | 152 | 7 | 23 |

(b) No. of students outside the state

| |
|---|
| 1 |
|---|

(c) No. of international students

| |
|-----|
| Nil |
|-----|

| Men | No | % |
|-----|-----|------|
| | 672 | 47.6 |

| Women | No | % |
|-------|-----|------|
| | 741 | 52.4 |

| Last year | | | | | | This year | | | | | |
|-----------|-----|----|------|-----------------------|-------|-----------|-----|----|------|-----------------------|-------|
| General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| 70 | 173 | - | 1074 | - | 1317 | 75 | 175 | - | 1163 | - | 1413 |

Demand ratio

1 : 1.68

Dropout %

2.4

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Department of Computer Science and Applications conducted weekly Aptitude coaching classes for B.Sc. and B.C.A. students.

| | |
|-------------------------------|-----|
| No. of students beneficiaries | 103 |
|-------------------------------|-----|

5.5 No. of students qualified in these examinations

| | | | | | | | |
|-------------|---|-----------|---|------|---|--------|---|
| NET | - | SET/SLET | - | GATE | - | CAT | - |
| IAS/IPS etc | - | State PSC | - | UPSC | - | Others | - |

5.6 Details of student counseling and career guidance

All the Departments counseled the students about discipline, behavior and advised to improve their studies, in the presence of their students.

Department of Biochemistry organized a guest lecture on “Role / Scope / Significance of Life Science in Industries / Research by Dr. P. Hanumantha Rao, Department of Microbiology, Madras Christian College, Chennai, on 22nd August, 2016, for 63 students.

Department of Commerce conducted a guest lecture on career awareness programme on company secretaryship, for 74 students.

The final year students of the department of Business Administration were given awareness programme about their future post-graduation studies and job prospects in industries / companies.

| | |
|-------------------------------|-----|
| No. of students beneficiaries | 202 |
|-------------------------------|-----|

5.7 Details of campus placement

| <i>On campus</i> | | | <i>Off Campus</i> |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 4 | 285 | 161 | - |

| Sl. No. | Name of the organization visited | Date | Number of Students Participated | Number of Students Placed |
|---------|--|-----------|---------------------------------|---------------------------|
| 1. | AGS Health, Vellore | 17.2.2018 | 40 | 4 |
| 2. | RuralShores Business Services Pvt. Ltd., Ratnagiri | 8.3.2018 | 153 | 101 |
| 3 | Eureka Forbes Ltd., Chennai | 19.3.2018 | 63 | 31 |
| 4 | FactEntry Data Solutions, Vellore | 20.3.2018 | 29 | 25 |

5.8 Details of gender sensitization programmes

Women's Cell conducted competitions on 'Pot painting on the themes Women & the Environment and Women & Health, Vegetable carving and Slogans on Women Empowerment, on 8th March, 2018, for the girl students of the college. Dr. L. Jeeva Jothi, Dean, Adhiparasakthi Horticultural College, G.B. Nagar, Kalavai, was the chief guest for the function.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/University level National level International level

No. of students participated in cultural events

State/University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports

State/University level National level International level

Cultural

State/University level National level International level

5.10 Scholarships and Financial Support

| | Number of students | Amount (Rs.) |
|---|--------------------|--------------|
| Financial support from institution | 6 | 60,000 |
| Financial support from government | 74 | 6,29,930 |
| Financial support from other sources | - | - |
| Number of students who received International / National recognitions | - | - |

5.11 Student organised / initiatives

Fairs

State/University level National level International level

Exhibitions

State/University level National level International level

5.12 No. of social initiatives undertaken by the students

-

5.13 Major grievances of students (if any) redressed

| Grievances | : Redressal |
|--|---|
| College buses in additional routes | : Bus fleet size increased |
| More drinking water facilities | : Increased the quantity of purified water supply |
| More toilet facilities for students | : New additional toilets constructed |
| Provision of bucket and mug in toilet | : Provided |
| Broken furniture and malfunctioning of lighting facilities or switches | : Rectified or replaced with new ones |
| Classroom dynamics, poor presentation, teaching strategies | : Brought to the notice of the teacher concerned by the HoD with suggestions for improvement and followed up. |
| Improper marking of attendance | : Corrected after verification |
| Students with economic problems | : The tutors and staff extend monetary support, find job opportunities, books, etc. |
| Extra Lab hours during the practical examinations | : Provided by the respective departments |
| Increase in Library hours at the exam time and more books for lending | : Extended by 30 minutes and 1 additional book for PG students |
| Reprographic facilities in Library | : Existing facility replaced |

Criterion - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision of the College

Our Vision is to mould youth to combat changing challenges and to serve global community, with professional competence and spiritual commitment to excellence.

Mission of the College

Our Mission is to provide quality, value-based and career-oriented education to students, especially rural young men and women, who will be agents of social transformation and global development through their selfless and spiritual service.

6.2 Does the Institution has a Management Information System

Yes,

1. Administrative procedures including finance
2. Student admission
3. Student records
4. Evaluation and examination procedures

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Board of Studies meetings held on 26.04.2018, has enabled us to implement quality curriculum which was updated and adopted by the institution.

Feedback from Stakeholders, Parents and Alumni has provided suggestions which helped for changes in the curriculum development.

6.3.2 Teaching and Learning

Coaching class for developing Tamil and English communication skills to the students.

Language Lab with Smart Board.

Classes are conducted with PowerPoint presentations and OHP projectors.

Conducting Seminars, Group discussions for students to improve their potential on subject topics cum recent trends in various domains.

Industrial visits and Lab visits for hands-on experience.

Chart and model making encourages the students to learn with zeal.

6.3.3 Examination and Evaluation

Two Continuous Internal Assessments and a final End Semester Examination.

Central Evaluation on campus by External Examiners

A final year student, having only two arrear in final semester, can apply for the instant supplementary examinations after the publication of results of VI semester.

6.3.4 Research and Development

The staff members have published 16 research articles in International and National journals.

23 M.Phil. and 7 Ph.D. scholars are pursuing their research.

One International conference was organized by the Department of Biochemistry.

Five national / state level conferences / seminars are conducted by the departments.

6.3.5 Library, ICT and physical infrastructure / instrumentation

New books were purchased for various departments and journals were subscribed for the college library.

INFLIBNET and DELNET are available for referring e-journals.

Binocular microscope, Laminar air flow chamber, Microscopes, Colorimeters and heating mantles were purchased for laboratory purpose.

6.3.6 Human Resource Management

Adequate workload has been allotted to the staff members.

Tutors are assigned for all classes to mentor and counsel the students.

Staff members are assigned additional charges for various clubs and co-curricular activities.

Prior Monthly and weekly plan of practical and theory classes.

Vacancies are filled immediately.

Documentation of student database (scholastic and non-scholastic) and records are maintained by the faculty.

6.3.7 Faculty and Staff recruitment

Staff recruitment selection committee comprises Director, Principal, Subject experts and HoDs for interviewing and selecting the new staff members.

Staff members are recruited as per the rules and regulations of Thiruvalluvar

University and UGC norms / Government of Tamil Nadu.
 Recruited staff members are directed to apply for Staff approval from Thiruvalluvar University.
 Eligible staff members are encouraged to apply for M.Phil. and Ph.D. guideship.

6.3.8 Industry Interaction / Collaboration

Memorandums of Understandings are signed with Industries.
 The Departments of Biochemistry and Microbiology offer PG Diploma in Medical Laboratory Technology (PGDMLT) and Diploma in Medical Laboratory Technology (DMLT – 1 and 2 Years) in affiliation with All India Medical Laboratory Technologists' Association (AIMLTA), Patna.
 The Department of Computer Science and Applications offers Cisco-Certified Network Administration (CCNA) course and Diploma in Core JAVA course.
 The Department of Business Administration offers a Course in TALLY in association with YENNES Infotec (P) Ltd., Chennai.
 The Department of Commerce offers ICAI Foundation Course in association with ICAI, Vellore Chapter.
 Industrial / Factory visit are arranged for the students to expose them to real life experiences of the industry.
 Students are taking up live projects of the company and submitting reports with suggestions, which helps the company for their future course of action.
 The College has become a Local Chapter for conducting NPTEL Online Courses.
 The College is conducting Spoken Tutorial courses, from IIT, Mumbai.

6.3.9 Admission of Students

Admission of students is done on the basis of University norms and the rules and regulations of the Tamil Nadu government.

6.4 Welfare schemes for

| | |
|--------------|-------------------------------|
| Teaching | Personal loans for Rs. 96,000 |
| Non teaching | Personal loans for Rs. 69,000 |
| Students | - |

6.5 Total corpus fund generated

Rs. 30,40,292

6.6 Whether annual financial audit has been done

Yes

No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type | External | | Internal | |
|----------------|----------|--------|----------|-----------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | - | - | ✓ | IQAC |
| Administrative | - | - | ✓ | IQAC |

6.8 Does the University / Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University / Autonomous College for Examination Reforms?

A final year student, having only two arrear in final semester, can apply for the instant supplementary examinations after the publication of results of VI semester.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The Thiruvalluvar University appreciates and supports the innovations that autonomy entails to the college.

6.11 Activities and support from the Alumni Association

The Alumni Association conducts its Annual meeting on 26th January of every year, where the development and dreams of the College is shared. The Secretary, Principal and staff members attend these meetings. One alumnus is co-opted as a Member into the Board of Studies of each department to contribute to restructuring and updating of the curriculum. The alumni are invited to participate in the important programmes of the departments. Alumni members residing in various parts of India and abroad share their experiences with staff and students during their visit. Enterprising alumni are invited to talk to the current students about the career opportunities available in their field of specialization. They expose our students to various methodologies used in research centers and industries.

Alumni who are employed in corporate sectors come forward give career guidance to students and / or to conduct campus interviews and offer career opportunities for the present eligible students.

Some members of the alumni contribute financially to aid economically weak students of our College. They volunteer readily by donating text books to the book banks of the department libraries. They also sponsor the prizes for competitions during the seminars

conducted by their departments.

Contact with the alumni is maintained through social networking. The College website lists out the prominent alumni from all the departments.

6.12 Activities and support from the Parent – Teacher Association

Feedback regarding academic content and other provisions at the departmental level and the College level is obtained from parents during the Parent-Teachers Meet.

Parents' feedback is collected after the orientation programme and used to improve the programme the following year. The College organizes a Parent- Teachers Meeting periodically. During the meeting the Principal addresses the parents, highlighting the responsibility of the parents in shaping their children and the need to support the College in the holistic development of the students. The tutors with Heads of the Department meet the parents of the students and share with them the academic performance and other discipline related issues on a one to one basis. The tutors remind about the responsibility of the parents in monitoring their wards' proper usage of Social Networks.

Parent-Teacher meetings are held regularly by all departments. These meetings encourage the personal touch where understanding with the parents is established. This makes it easier for the department to connect with the parent through the tutor, in the times of need. Thus, The Parents and Teachers play an active role in the progress of the students.

6.13 Development programmes for support staff

Basic Computer knowledge and hands-on training in MS-Office are given to non-teaching staff.

Department of Computer Science and Applications organized a Hands-on Training Programme on Microsoft Office for Teaching and Non-Teaching staff on 7-10, May, 2018.

6.14 Initiatives taken by the institution to make the campus eco-friendly

To keep the environment enriched, the College is maintaining green pastures and fish tanks in the campus.

The Seminar Hall, Conference Hall, Language Lab and ATM counter have been fitted with CFL bulbs.

For better energy management, steam boilers are used in the kitchens of the hostels.

Enviro club conducts awareness programmes on the conservation of energy.

As water is a fast depleting resource in the country, rain water is allowed to drain off into the percolation ponds and rain water harvesting structures installed throughout the campus to minimize water shortage and maximize available water usage. These structures are situated near the bore wells on campus so that the water table is recharged.

The green cover on the College campus is carefully nurtured. No trees are cut and cementing is kept to a minimum to allow for water percolation.

As proper percolation ponds and rain water harvesting structures are available in the College campus, the necessity for check dam construction has not arisen.

Solid waste management at source with color-coded twin bins has been implemented.

Food waste from hostels and canteen is being sent to the animal farm.

Leaf litter from the campus is used for vermin-composting by the Adhiparasakthi Agricultural College, a sister institution.

Segregation of plastic wastes is being done with an aim of recycling. Use of disposable plastic tumblers in the canteen and departments is strongly discouraged and use of paper plates and paper cups is encouraged.

Campus has adequate number of trees to maintain the air quality by absorbing carbon dioxide and releasing oxygen.

Within the College campus, the staff and students are encouraged to walk or to use cycle, instead of using motor vehicles.

The College Management has planted sufficient number of trees to neutralize carbon dioxide emission and to control green house effect.

Tree plantation programme was organized by the Enviro Club. Tree plantation camps have been conducted by the NSS at College campus and Government Hospital, Kalavai. During annual special camps, the NSS volunteers have planted tree saplings (100 Nos. of Flame of the Forest) in the villages.

The Enviro Club and the NSS units organize rallies to impart knowledge and the ill effects of plastics.

Criterion - VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

| Plan of Action | Action Taken Report |
|---|--|
| Department of Computer Science and Applications to conduct a National Conference in August, 2017. | Department of Computer Science and Applications conducted a National Conference on Image Processing and Pattern Recognition, on 30 th August, 2017. |
| Department of Biochemistry to conduct a Symposium in September, 2017. | Department of Biochemistry conducted an International Symposium on Healthcare System in Cancer Biology, on 20 th September, 2017. |
| Department of Microbiology to organize a Symposium in September, 2017. | Department of Microbiology organized a Symposium on Global Impact on Emerging Zoonotic and vector borne Diseases, on 27 th September, 2017. |
| Department of Commerce to organize a National Level Seminar in February, 2018. | Department of Commerce organized a National Level Seminar on Technological Innovations of Indian Banking System, on 21 st February, 2018 |
| Department of Mathematics to conduct a State Level Seminar in February, 2018. | Department of Mathematics conducted a State Level Seminar on Recent Developments in Applied Mathematics and |

| | |
|--|--|
| | Statistics, on 27 th February, 2018. |
| Department of Business Administration to conduct a National Seminar in March, 2018. | Department of Business Administration conducted a National Seminar on Post-GST impact in Indian Economy, on 7 th March, 2018. |
| IQAC to conduct a Faculty Development Programme in June, 2018. | IQAC conducted a Faculty Development Programme on “Productive Teaching Strategies” on 29 th and 30 th June, 2018. |
| Department of Biochemistry to conduct CPCSEA Institutional Animal Ethics Committee Meeting in April, 2018. | Department of Biochemistry conducted CPCSEA Institutional Animal Ethics Committee Meetings on 9 th December, 2017 and 22 nd April, 2018. |
| All the Departments to conduct periodical guest lectures / training programmes. | <p>Department of Computer Science and Applications conducted a Guest Lecture on “Inside Microsoft Sharepoint Web Application”, on 22nd July, 2017.</p> <p>Department of Microbiology organized a Guest Lecture on Antimicrobial Resistance, on 10th August, 2017.</p> <p>Department of Business Administration organized a Guest Lecture on Recent Trends of Corporate in HR Practices, on 26th September, 2017.</p> <p>Department of Mathematics conducted a Guest Lecture on Coherent of Mathematics and Physics, on 18th January, 2018.</p> <p>Department of Biochemistry conducted a training programme on Agarose gel electrophoresis, on 9th February, 2018.</p> <p>Department of Computer Science and Applications organized a Guest Lecture on “Web Application Development”, on 17th February, 2018</p> <p>Department of Biochemistry organized a Phlebotomy training programme on 1st March, 2018.</p> <p>Department of Computer Science and Applications organized a Hands-on Training Programme on Microsoft Office for Teaching and Non-Teaching staff on 7-10, May, 2018.</p> <p>Department of Microbiology conducted a Guest Lecture on Gene Therapy from Bench to Bedside, on 18th June, 2018.</p> |

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

The two best practices which have contributed to better academic and administrative functioning of the College are presented here.

Best Practice - I

Title of the Practice: Students to Socially Responsible Citizens

Objectives:

- To motivate and train the students to participate in nation building and development of the society.
- To engage the students in NSS, YRC, RRC, Leo Club, Rotract Club, Enviro Club, Consumer Club, to conduct various awareness programmes.
- To create responsibility in students minds about different social, political, economical and environmental problems.

The Context:

- The interested students of our College voluntarily enroll in NSS / YRC / RRC / Leo Club / Rotract Club / Enviro Club / Consumer Club.
- Various awareness programmes organized by the respective clubs on different aspects regularly.
- Trained students are encouraged to participate in various activities at college, university, state and national levels.
- Blood donation is one among the best life saving practices in the college.

The Practice:

- Our College NSS / YRC / RRC / Leo Club / Rotract Club / Enviro Club / Consumer Club students were given opportunities to do social service in nearby villages (Mulluvadi, Palla Mulluvadi, Chennaleri and Palyam).
- The students are participating in many social awareness programmes such as Swach Bharat, Environment protection and Health Care. They are made a part of promoting Social welfare of the public.
- Campus Cleaning and Sapling Plantations are practiced regularly to promote environmental awareness.

Evidence of Success:

- The training programmes given to the students helped them to develop social qualities and adjust themselves quickly in this competitive society, in accordance to the Vision and Mission of our College. .
- In particular, students' confidence level gets elevated to remarkably higher level, helping them to face any situation in their life.
- Students excel in the campus interview and gets placed in various companies
- There was a steep increase in the number of students participating in intercollegiate meets / Symposia / Seminars / Paper Presentations etc.

Problems Encountered:

- Occasionally regular classes have to be cancelled or sacrificed for conducting such extension activity programmes.
- Not much time is available for the various clubs / cells to conduct extension programmes

Best Practice - II

Title of the Practice: Student Support Activity

Objectives:

- To identify the needs of the students in curriculum and in their career.
- To provide add-on courses and online courses to increase the employability of the students.
- To improve soft skills of the students.
- To transform the students as well defined learners and professionals in the society.

The Context:

- Lack of communication skills affects students' learning capacity.
- Publication of Part-I / Part-II books for enriching academic performance of the students is useful at the initial stage in studies.
- The Language skill development programmes are conducted separately to the students after their regular classes.
- Providing additional courses (Certificate / Diploma) and online courses (NPTEL and Spoken Tutorial).
- The feedback and suggestion of the students are helpful to modify and improve such programmes / books.

The Practice:

- Part-I and Part-II Languages books are prepared by the respective department and published.
- Undergraduate and post graduate students are attending various programmes offered by the Departments and in other colleges.
- The skill development program are in the forms of workshop, training and management activities at PG level
- The Departments of Biochemistry and Microbiology offer PG Diploma in Medical Laboratory Technology (PGDMLT) and Diploma in Medical Laboratory Technology (DMLT – 1 and 2 Years) in affiliation with All India Medical Laboratory Technologists' Association (AIMLTA), Patna.
- The Department of Computer Science and Applications offers Cisco-Certified Network Administration (CCNA) course and Diploma in Core JAVA course.
- The Department of Business Administration offers a Course in TALLY in association with YENNES Infotec (P) Ltd., Chennai.
- The Department of Commerce offers ICAI Foundation Course in association with ICAI, Vellore Chapter
- The College has become a Local Chapter for conducting NPTEL Online Courses.
- The College is conducting Spoken Tutorial courses, from IIT, Mumbai.
- At the end of the programmes the students are empowered with knowledge in aptitude, communication skill, employability skills, soft skills etc.

Evidence of Success:

- After completing the skill development programmes, students from rural area are becoming more confident in communication and they develop themselves to get placement in various companies.
- Students got placement in various companies.

- In the parents meet most of the parents agree that their children have improved and have become confident to face the society because of these skill development programmes.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

To keep the environment enriched, the College is maintaining green pastures and fish tanks in the campus. The animals graze in the campus with birds perched on them searching their own food, presenting not only a live illustration of the natural food web, but also a perfect picture of eco-harmony.

The College focuses on power conservation as a priority. The Seminar Hall, Conference Hall, Language Lab and ATM counter have been fitted with CFL bulbs. In due course of time the fluorescent tube lights will be replaced with CFL lamps all over the campus, taking into account the cost effectiveness and value for money spent. For better energy management, steam boilers are used in the kitchens of the hostels.

Enviro club conducts awareness programmes on the conservation of energy. The users have been instructed to switch off the lights, fans and instruments, when they are not in use. Special instructions are placed near every switch board in the campus. The users have been instructed to shut down the computers and monitors, in the campus, when not used. The College community ensures that all these electrical appliances are switched off immediately after use.

As water is a fast depleting resource in the country, rain water is allowed to drain off. Percolation ponds and rain water harvesting structures have been installed throughout the campus to minimize water shortage and maximize available water usage. These structures are situated near the bore wells on campus so that the water table is recharged. The green cover on the College campus is carefully nurtured. No trees are cut and cementing is kept to a minimum to allow for water percolation.

Campus has adequate number of trees to maintain the air quality by absorbing carbon dioxide and releasing oxygen. Within the College campus, the staff and students are encouraged to walk instead of using motor vehicles. The campus has well-manicured lawns and garden. Naming of trees inside campus, establishing and maintaining garden, occasional tree planting within the campus and in the local community involving students and staff members are some of the initiatives undertaken.

The College has a green and serene atmosphere. It has adequate number and a wide variety of trees to maintain air quality by absorbing carbon dioxide and releasing oxygen. With this in mind, the College Management has planted sufficient number of trees to neutralize carbon dioxide emission and to control green house effect. If out of dire necessity trees are to be cut down, the College Management makes sure that they are replaced with more number of saplings.

Tree plantation programme have been was organized by the Enviro Club. Tree plantation camps have been conducted by the NSS at College campus and Government Hospital, Kalavai. During annual special camps, the NSS volunteers have planted tree saplings (100 Nos. of Flame of the Forest) in the villages. The NSS units also have conducted many awareness programmes which include plantation of trees in and off the campus.

The Enviro Club and the NSS units organize rallies to impart knowledge and the ill effects of plastics. The scrap materials available are sold. The chemicals and other

hazardous waste material are neutralized before disposal.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**SWOC (STRENGTH, WEAKNESS, OPPORTUNITY AND CHALLENGE)
ANALYSIS OF THE INSTITUTION**

Strengths of the Institution

- * Holistic (Physical, intellectual, psychological, spiritual, social and cultural) development is ensured to every student through a meticulously planned and executed educative system.
- * Driven by a vision and a mission for realization of objectives - socially uplifting, academically enriching through research orientation and empowering through value-based and learner-centric education.
- * The College has 71.94 acres land with two major buildings, well equipped indoor stadium and a big outdoor stadium.
- * Elaborate feedback mechanism to gauge stakeholder perceptions of all segments.
- * Transparent admission process.
- * The College is catering to the needs of students from rural areas and economically weaker sections of the society.
- * Students acquire knowledge, skills and research aptitude through 7 UG, 5 PG, 4 M.Phil. and 3 Ph.D. programmes. In addition, the College also conducts 8 career-oriented add-on courses.
- * Each core course programme enriched with specially designed vocational component in the form of Add-on diploma / certificate course considered by the industry as potentially relevant.
- * Ethical and fundamental human values are instilled through various activities including value education and human rights classes.
- * Staff and students are recharged through various programmes, meetings, industrial visit, picnics, sports and recreation.
- * Healthy teacher-student relationship facilitates smooth teaching-learning.
- * Staff members are encouraged to complete Ph.D./M.Phil .programmes.
- * Staff / student feedback considered for quality improvement.
- * Remedial classes for slow learners.
- * Focus on student-centric learning, participatory and interactive learning through assignments, seminars, projects etc.
- * Well-disciplined campus conducive to learning.
- * The examination process is conducted strictly and totally insulated with secrecy of all confidential matters.
- * Residential facility for students from remote and distant areas.
- * Students experience scientific and resourceful learning during their academic journey through regularly up-dated curriculum and innovative teaching-learning

practices.

- * Committed and research-minded staff.
- * Research ambience in the campus achieved by the visits of subject experts during National symposia / seminars / conferences / workshops and their interactions with students leads to the development of research culture and aptitude among students under the guidance of highly qualified staff.
- * Four full-fledged research centers in Biochemistry, Computer Science, Microbiology and Commerce operate as knowledge centers. The department of Biochemistry has the special feature of regular international journal publications.
- * State-of-the-art infrastructure facilities including Computer labs, Language lab and Research labs in Biochemistry and Microbiology developed to keep pace with growing technological and scientific needs.
- * Five staff members are members of different Boards of Studies of the Thiruvalluvar University and other Autonomous Colleges.
- * Unlimited Extension opportunities to infuse students with an ardent sense of responsible citizenship for nation building.
- * Innovative and creative environmentally conscious best practices such as neighborhood network activities, eco-friendly practices, green and health awareness campaigns, integration of sustainability principles and practices.
- * NSS Camp, street plays, blood donation camps, eye camps, veterinary camps, rallies (Aids awareness, Voting) and outreach programmes to empower the marginalized and downtrodden.
- * Uninterrupted power supply is ensured through generators.
- * Hospital and Gym facilities meant for developing health status of the College inmates.
- * A well-equipped modern library with an up-to-date technology satisfies the knowledge thirst of the teaching- learning community.
- * The library is enriched with valuable reference material, manuscripts, journals, OPAC, DELNET and NLIST-INFLIBNET facility to all staff members and many of the students.
- * Strong mentoring and student support system taking care of all students' campus needs extending even to medical care and wellness.
- * Good record of academic and extracurricular achievements.
- * Transportation for staff and students from selected towns to College.
- * Social commitment and personality development through NSS and other clubs / cells.
- * Women empowerment programmes by Women's Cell to support and guide the educationally and socially backward women students.
- * Promoting programmes to cater human values, social sensitiveness, self reliance, National integration etc.
- * A committed IQAC plays indispensable role in enhancement and sustenance of the quality education.
- * The IQAC collects inferences from the learners and various committees through participatory interactions based on which it proposes comprehensive perspective

plans to the governing council for approval and implementation.

- * A well-furnished office for the smooth College administration.
- * Interwoven curricular, co-curricular and extra-curricular student engagements with meritorious outcomes.
- * Alumni positioned in higher echelon of research/academic, political, entrepreneurship fields.

Weaknesses of the Institution

- * Inability to obtain 12(B) status from UGC, since the affiliating Thiruvalluvar University has not obtained it yet, has led to this self-financed College being not able to apply for any grant from the UGC.
- * The geographically remote location has been a major barrier in providing exposure, bringing the corporate world for placement drives and involving eminent personalities in the activities of the College.
- * Students from rural and poor economic background, lacking motivation, focus and quality and with poor communicative skills in both Tamil and English, get admitted in the College, as better students head for professional courses.
- * Poor economic background and the rural locality of the students has been a constraint on their access to various fields of higher education.
- * In spite of good academic records, poor knowledge base and weak language skills pose a great challenge since it takes away the precious time meant to transact the present curriculum.
- * Many of the teaching staff members are freshers with less than four years experience.
- * Library and Canteen services have to be improved.
- * Twinning and Faculty/Student Exchange programme yet to be introduced in the affiliating University.

Opportunities for the Institution

- * The College has a potential to excel as a hub for technology transfer and social transformation.
- * Research centers for all PG departments to provide more output in the higher research areas.
- * Enthusiastic young teachers with research aptitude can promote research culture among students and an enquiry-based learning approach.
- * The College has opportunities to establish linkages with institutes of prominence within and outside the country.
- * Online courses, video conferencing, teleconferencing and web conferencing technology can be used to bridge the geographical divide.
- * Staff and student exchange programmes between institutions need to be explored to achieve greater excellence and innovation.
- * Strengthening of alumni network and linkages with industries will create more possibilities for increasing the percentage of campus placement.
- * Further opportunities lie in establishing Entrepreneurship Development Cell and Incubator Cell to promote entrepreneurship and new technologies.

- * Consultancy can be further developed into an income generating source and the income thus generated utilized for the infrastructure enhancement of the departments.
- * Empowerment of women from this educationally backward area can bring about improvement in the social set up and community structure.

Challenges for the Institution

- * Due to the diminishing interest of students in arts and science subjects, there is a decline in the inflow of brighter students into the College.
- * Without UGC grants, providing better facilities is a big challenge to the Management. Paucity of non-salary grants and other funds poses a constraint and challenge for expansion of infrastructure.
- * Heavy competition from mushrooming new Colleges in the vicinity pose a big challenge.
- * Commercialization of education challenges the service motto of the College.
- * Integrating undergraduate teaching with research at College level is another challenge.
- * Poor educational backgrounds of the parents prevent even the high achievers from moving out for higher levels of learning or employment.
- * Students are mostly first generation learners getting little motivation from the parents or the society.
- * Due to the adverse influence of the media, mobile communications, internet and alcohol, there is a marked degradation of value system among the youth and its vibrations are felt in the campus.

8. Plans of the Institution for next year

- * Ph.D. programme in the subject – Commerce.
- * All departments to conduct National / State level / International Conference / Seminar / symposium / Workshop
- * Department of Computer Science and Applications to offer Diploma in Core Java as an add-on course to the students.
- * NSS, Departments and various cells to provide extension services for the uplift of the local community.

Name

Mr. N.T. RAVINDRAN

Name

Dr. A. MOHAMED SADIQ

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Abbreviations:

| | | |
|------|---|--|
| CAS | - | Career Advanced Scheme |
| CAT | - | Common Admission Test |
| CBCS | - | Choice Based Credit System |
| CE | - | Centre for Excellence |
| COP | - | Career Oriented Programme |
| CPE | - | College with Potential for Excellence |
| DPE | - | Department with Potential for Excellence |
| GATE | - | Graduate Aptitude Test |
| NET | - | National Eligibility Test |
| PEI | - | Physical Education Institution |
| SAP | - | Special Assistance Programme |
| SF | - | Self Financing |
| SLET | - | State Level Eligibility Test |
| TEI | - | Teacher Education Institution |
| UPE | - | University with Potential Excellence |
| UPSC | - | Union Public Service Commission |

ANNEXURE 1
STUDENT FEEDBACK

| No. | CRITERION | Excellent (%) | Good (%) | Satisfactory (%) | Poor (%) |
|---|---|---------------|----------|------------------|----------|
| I CURRICULAR ASPECTS | | | | | |
| 1 | Standard of Syllabus | 20.5 | 53.0 | 25.3 | 1.2 |
| 2 | Relevance of Course Content | 6.0 | 62.7 | 26.5 | 4.8 |
| 3 | Modernity of Syllabus | 15.7 | 40.9 | 42.2 | 1.2 |
| 4 | Interdisciplinary Papers | 15.7 | 37.4 | 45.7 | 1.2 |
| 5 | Value-based Curriculum | 14.5 | 41.0 | 38.5 | 6.0 |
| 6 | Career-oriented Subjects | 30.2 | 34.9 | 24.1 | 10.8 |
| II TEACHING, LEARNING AND EVALUATION | | | | | |
| 1 | Use of ICT Aids in Class | 12.1 | 36.1 | 38.5 | 13.3 |
| 2 | Communication with Students | 31.3 | 47.0 | 16.9 | 4.8 |
| 3 | Cordial Relationship with Students | 28.9 | 47.0 | 19.3 | 4.8 |
| 4 | Syllabus coverage and Preparation | 16.9 | 45.8 | 33.7 | 3.6 |
| 5 | Generation of Interest in Subject | 19.2 | 30.1 | 41.1 | 9.6 |
| 6 | Assessment of Students' Learning Ability and Creativity | 16.9 | 43.4 | 32.5 | 7.2 |
| III RESEARCH AND EXTENSION | | | | | |
| 1 | Effectiveness of Practical | 28.9 | 42.2 | 27.7 | 1.2 |
| 2 | Project-based Learning | 12.1 | 45.7 | 30.1 | 12.1 |

| No. | CRITERION | Excellent (%) | Good (%) | Satisfactory (%) | Poor (%) |
|-----------|---|---------------|----------|------------------|----------|
| 3 | Laboratory Facilities | 22.9 | 35.0 | 32.5 | 9.6 |
| 4 | Use of Internet Lab | 28.9 | 20.5 | 26.5 | 24.1 |
| 5 | Co-curricular Activities | 6.0 | 15.7 | 60.2 | 18.1 |
| 6 | Extension Activities by the Departments and Clubs | 14.5 | 21.7 | 39.7 | 24.1 |
| IV | INFRASTRUCTURE FACILITES | | | | |
| 1 | Library Facilities | 31.3 | 35.0 | 30.1 | 3.6 |
| 2 | Availability of Library Books and E-Books | 26.5 | 35.0 | 33.7 | 4.8 |
| 3 | Canteen | 14.5 | 15.7 | 27.8 | 42.2 |
| 4 | Drinking Water | 7.2 | 26.5 | 30.1 | 36.2 |
| 5 | Class Rooms | 13.3 | 36.1 | 38.5 | 12.1 |
| 6 | Rest Rooms | 6.0 | 30.1 | 36.2 | 27.7 |
| V | STUDENT SUPPORT | | | | |
| 1 | College Administration | 27.8 | 36.1 | 36.1 | 0 |
| 2 | Tutor – Ward System | 49.4 | 31.3 | 16.9 | 2.4 |
| 3 | Health Care Facilities | 34.9 | 41.0 | 22.9 | 1.2 |
| 4 | Grievance and Counseling Support | 8.4 | 15.7 | 57.8 | 18.1 |
| 5 | Sports Facilities | 13.3 | 22.9 | 38.5 | 25.3 |
| 6 | Transport Facilities | 13.3 | 48.2 | 31.3 | 7.2 |

| No. | CRITERION | Excellent (%) | Good (%) | Satisfactory (%) | Poor (%) |
|-------------------------------|--------------------------------|---------------|----------|------------------|----------|
| VI STUDENT PROGRESSION | | | | | |
| 1 | Availing Scholarships | 18.1 | 22.9 | 38.4 | 20.6 |
| 2 | Extra-Curricular Activities | 9.6 | 27.8 | 31.3 | 31.3 |
| 3 | Discipline | 42.1 | 38.6 | 18.1 | 1.2 |
| 4 | Motivation for Higher Studies | 37.4 | 37.4 | 16.8 | 8.4 |
| 5 | Placement and Training | 12.1 | 33.7 | 39.7 | 14.5 |
| 6 | Add-on Career-oriented Courses | 20.5 | 31.3 | 30.1 | 18.1 |
| VII HEALTHY PRACTICES | | | | | |
| 1 | Security Services | 50.6 | 38.6 | 9.6 | 1.2 |
| 2 | Co-curricular Activities | 8.4 | 34.9 | 34.9 | 21.8 |
| 3 | Online-courses (NPTEL) | 37.7 | 45.8 | 12.1 | 3.6 |
| 4 | Hospital in the Campus | 43.3 | 41.0 | 12.1 | 3.6 |
| 5 | Yoga Courses | 37.7 | 37.4 | 31.3 | 3.6 |
| 6 | Overall Ambience / Cleanliness | 20.5 | 42.2 | 30.1 | 7.2 |

ALUMNI FEEDBACK

| No. | CRITERION | Excellent (%) | Good (%) | Satisfactory (%) | Poor (%) |
|-----|---|---------------|----------|------------------|----------|
| 1 | Relevance of Course Content to Your Job | 16.4 | 55.7 | 11.5 | 16.4 |
| 2 | Skills-related Courses Suitable for Industry | 9.8 | 19.7 | 70.5 | 0 |
| 3 | Standard of Faculty | 19.7 | 65.5 | 14.8 | 0 |
| 4 | Conferences / Seminars / Symposia / Workshops | 21.3 | 59.0 | 19.7 | 0 |
| 5 | Guest Lectures | 13.1 | 78.7 | 8.2 | 0 |
| 6 | Competence of Students Passing out of College | 8.2 | 72.2 | 18.0 | 1.6 |
| 7 | Learning Experience in Relevance to Real Life Application | 44.3 | 32.8 | 22.9 | 0 |
| 8 | Laboratory Facilities | 9.8 | 47.6 | 41.0 | 1.6 |
| 9 | Infrastructure of the College | 21.3 | 70.5 | 8.2 | 0 |
| 10 | Library Facilities | 23.0 | 62.2 | 14.8 | 0 |
| 11 | College Administration and Fee Structure | 18.0 | 32.8 | 42.6 | 6.6 |
| 12 | Motivation for Higher Studies | 21.3 | 55.7 | 23.0 | 0 |
| 13 | Placement and Training | 23.0 | 47.5 | 13.1 | 16.4 |
| 14 | Add-on Career-oriented Courses | 8.2 | 26.2 | 64.0 | 1.6 |
| 15 | Overall Ambience / Cleanliness | 16.4 | 45.9 | 37.7 | 0 |