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HENRY BAKER COLLEGE MELUKAVU

ACADEMIC
STRATEGIC PLAN

2019-22

ACADEMIC
YEAR

FROM DARKNESS INTO MARVELLOUS LIGHT

Henry Baker College, Melukavu Is a Christian, Minority, Co-Educational, Government-aided Arts and Science College Established In 1981, affiliated to Mahatma Gandhi University, Kottayam, Kerala.

HENRY BAKER COLLEGE, MELUKAVU

ACADEMIC STRATEGIC PLAN 2019-22

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Profile of the College

Henry Baker College, Melukavu has been formed to liberate people from the darkness of ignorance to the twilight of knowledge and wisdom. It is an arts and science college established in 1981 by Madhya Kerala Diocese of Church of South India (CSI) to impart knowledge in all the basic sciences, arts, and commerce and to build interpersonal skills and bring out creativity in students that would promote innovation, research, and entrepreneurship. At present, it is an educational institution of higher learning under Henry Baker College Educational Society – a charitable society registered under the Travancore-Cochin Literary, Scientific and Charitable Societies Registration Act, 1955 and has been managed by East Kerala Diocese of CSI. The college is affiliated to **Mahatma Gandhi University, Kottayam** and it has been included under sections **2 (f) and 12 (b) of the UGC Act, 1956**. The college preserves and promotes the cultural heritage of India, the humanistic and spiritual values of our citizens, and thereby promotes peace and harmony in society.

The college is located in Melukavumattom, the lower valley of the eastern hillside of Kerala. It faces the Melukavumattom – Kollappally – Pala Road and is 15 km away from Pala Municipal town and 12 km away from Erattupetta Municipal town. The HBC management gives much emphasis to the welfare of tribal communities. Moreover, we also give weightage to students coming from very poor tribal settlements at the time of admission as per the university norms and also provide additional care and consideration to their academics, teachings, and career. The college located on the lower basin of Melukavu hill stations, largely caters to the highest education aspirations of socially, educationally, and economically marginalized sections of a rural population belonging to different communities especially tribal and other marginalized communities. The college comprises 452 students, 39 teachers, and 10 non-teaching staff. The interventions of the college community in improving the welfare of the tribal community have always been praised by the society at large for years. This college has the highest proportion of SC, ST, OBC and OEC students with 67.77 percent. If minority students are added, the proportion of students is 89.5 percent which is one of the largest in the State.

Henry Baker College, which began as a junior college with five Pre-degree batches in 1981, offers at present, 6 undergraduate courses with BA History, BA English, B.Com (Co-operation), B.Com (Computer Applications), B.Sc. in Physics and B.Voc Tourism and Hospitality Management and two postgraduate courses M.Com (Finance and Taxation) and MA (History). Department of Commerce is an approved Ph.D research centre of M G University, Kottayam. Besides, there are 3 diploma courses and 9 certificate courses run by various departments. The dedication of the management and the community

combined with the excellent infrastructural and teaching facilities help maintain high standards in the curricular and co-curricular spheres of the college.

The college has entered into tie up with International Agencies such as **INCHE, Albert-Schweitzer-Schule Alsfeld (Germany), and Birch Hall Centre for Learning & Leadership, Kirby, England**. The college is in the process of **NAAC and NIRF grading, ISO and HLACT (UK) certifications**. Besides, it has entered into MOU with a number of government/semi-government/private educational and other institutions in providing better higher education services to the needy. The college is an approved centre for implementation of a number of governments' projects/approved programmes including **SSP, WWS, CCEK, NPTEL-SWAYAM, YIP, YRC, NSS, SAP**, etc. College has been instrumental in implementing schemes of the government/local bodies which have social relevance to the society.

College has a **fully automated Digital library** with adequate books, journals and e-resources. Ours **is a green, eco-friendly, tobacco free, plastic free campus** having implemented Green Protocol. **Cent percent of classrooms are smart classrooms** with modern ICT facilities and all teachers are actively using technology in the teaching and learning process. **E governance** is implemented in the college with automated office operations including admission, attendance, TC, Finance and Accounts etc. College has state of the art computing facilities and ample opportunities for all curricular, extracurricular and co-curricular activities. Campus wide **high speed net connectivity** (> 50 mbps) with **complete CCTV coverage** ensures safety and convenience.

In keeping with the lofty vision of its founders, Henry Baker College, Melukavu is a melting pot of students from all communities and creeds, thus preserving a secular character while promoting the Christian/Hindu/Muslim ideals of love and service.

INSTITUTIONAL BOTTOM LINE: QUALITY FRAMEWORK & STANDARDS

Vision

To be a centre of higher education imparting qualitatively high, socially relevant and holistic education to all without discriminating against anyone on the ground of caste, religion or gender.

Mission

To liberate young men and women from the darkness of ignorance to the dawn of knowledge and wisdom through value based education.

Motto

“From Darkness into Marvellous Light”

Quality Policy

We aspire to continuously improve our performance through systematic monitoring and upgradation of all aspects of the Teaching-Learning process through HBC’s policy formulation, Strategic plan for every three years, IT support, Technology applications, Content development, Documentation, Organizational culture, Leadership, effective use of human resources and through the promotion of technology enhanced learning like, NPTEL, SWAYAM, edX, Coursera, etc.

CORE VALUES AND GUIDING PRINCIPLES

Excellence

Strive for excellence in all our academic pursuits and committed to innovation in teaching, research and extension. Our focus is on continuous self-development to embrace excellence in all our endeavours.

Ethics

Committed to the supreme standards of honesty, fairness, respect and scholarly ethics and value the dignity of all sections of people. We expect all of our conduct to be based on mutual respect, civility and integrity.

Diversity

We clinch all aspects of diversity and value its need to ensure a vibrant learning environment. Also committed to provide a college community that is supportive, safe, and welcoming by ensuring intercultural and international diversity in all respects.

Inclusiveness

Inclusive education can be seen to be underpinned by the values of equality, participation, developing and sustaining communities and respect for diversity. We include all sections – SC, STs, OBCs, OECs, Minorities, transgender, disabled, etc. without any reservations.

Growth

We at HBC, aim at growth with change. Overall growth and development of the institution, horizontally and vertically, in a sustained manner is our avowed objective. We initiate actions to ensure holistic growth of the entire academic fraternity.

Social Concern

We are a part and parcel of society and hence have a legitimate responsibility to respond to societal needs and aspirations. Our teachers and students should be proactive to society as education without social thinking is a futile exercise.

GUIDING PRINCIPLES FOR TEACHERS

- It is the responsibility and ultimate objective of teachers to ensure excellence in teaching, research and service to meet the needs of all our stakeholders such as students, employers, staff, community, and the citizens of India.
- Teachers shall equip students with sound knowledge and skill.
- Teachers shall offer educational programs with a plethora of innovative concepts, for creating a host of talented students.
- Teachers should encourage an open student-oriented culture with an understanding of students, their needs, goals and aspirations.
- Teachers shall develop exceptional opportunities for study and research and a system of industry-institution interaction, through industry-liaison cells for students to contribute to our Nation's economic growth.

- Teachers shall evolve a friendly face of education with emphasis laid on their respective areas such as science, arts, commerce, literature and research.
- Teachers shall develop leadership skills characterized by openness, fairness and firmness.
- Teachers shall foster respect for all people and appreciation of diversity in our academic enterprise.
- Teachers shall promote civic responsibility expressed as public involvement, individual responsibility, personal integrity and commitment to service.
- Teachers should ensure accountability and proper assessment at all levels in the institute.

INSTITUTIONAL AND ACADEMIC OBJECTIVES:

Institutional Objectives

Towards realizing our vision of holistic education, the college visualizes a pattern of education founded on Christian values and secular principles and has formulated the following objectives:

- To become a high quality premiere institution among Arts & Science colleges.
- To motivate young men and women of all caste and religion to avail of the best higher education opportunity leading to research, social welfare and nation building.
- To provide an additional opportunity to the Christian Minority students and marginalized communities to find a space for education and to infuse in them an urge for knowledge and social commitment.
- To cultivate a sense of discipline, human values and moral uprightness in our younger generation.
- To make the young ones conscious of socio-economic realities and respond meaningfully and effectively to effect a lasting impact on our social fabric.
- To enable students to play an integral part in nation building by protecting our nature and promoting sustainable development.
- To provide students an opportunity to learn in a multicultural context respecting all cultures.
- To be accredited by NAAC and achieve a good status among peer institutions

Academic Objectives

- To pursue knowledge for the sake of development of students and staff.
- Ignite in both staff members and students a lifelong love of learning
- Celebrate and learn from our diversity
- To develop the students to make outstanding contributions in the institution and the university.
- To contribute outstanding academic performance in institution and university.
- To make the students confident and competent to be successful in their career
- To expose students to lifelong learning skills
- To make students communicate coherently, rationally and convincingly
- To provide conducive learning environment in an intellectual atmosphere to all stakeholders
- To ensure student participation in co-curricular and extracurricular activities
- To achieve better employability and placement potential among eligible students
- To provide quality professional education
- To formulate and design programmes to provide quality education
- To develop social, ethical and environmental consciousness among community
- To take up R & D and consultancy in association with other colleges, UGC, MHRD and the industries.



Manager's Message

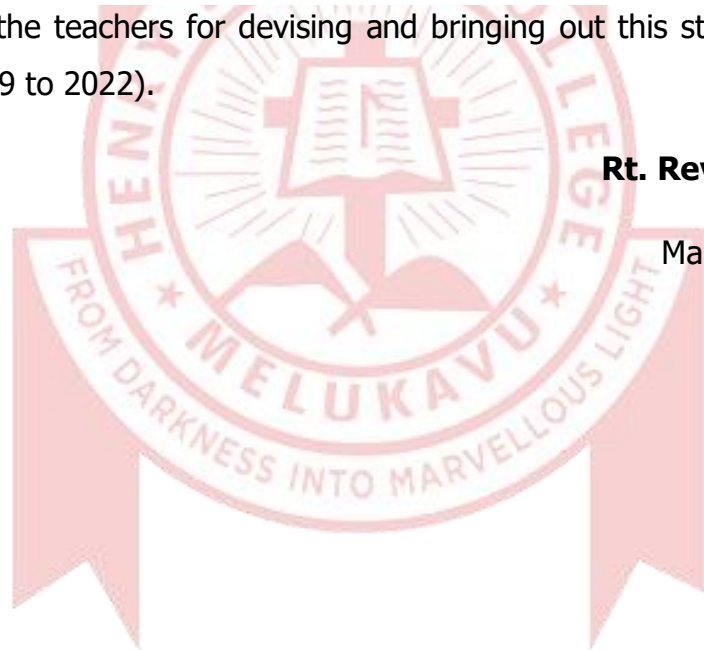
Henry Baker College, Melukavu is a dream of students living in the very remote hilly areas of Melukavu. Once these learners get admission in our college they understand that their classmates also have the same dream of theirs – a dream to grow, study, and reach the ultimate destination, along with a few other students coming from the neighbouring towns of these hill stations. Most of the students coming from the hillside may not have a career plan or ambition of their own; however, our college opens the doors of possibilities in front of them and makes them dream of the future. When they study here they come to understand that there are things beyond textbooks, classrooms and exams and there are even things that cannot be presented in a paper. Here in this campus they build social relationships, cherish the state of student group dynamics, dream and grow together doing good deeds in the society where they live

and by the time they complete their course, they would have enjoyed the HBC campus life and culture. Accordingly, the HBC Community strives to transform the educational ecosystem through this institution for the benefit of the student community residing in the eastern hillside of Kerala and ultimately contributes to the wellbeing of our citizens. The experience they felt in their life through HBC will broaden their knowledge, expand their global perspective, and support their goals in their career and will provide pleasant memories in their journey of life. The campus provides students the best teaching learning experience, making new strides to adapt to the rapid changes taking place in the educational, social and cultural arena and we believe in this context by taking into account the prospective students' bottomline, making short term and long term plans for the institution. As part of the short term planning, each department has come up with a range of ideas and activities for implementation in the coming three years. It is a combined effort by the management and the teachers to advise strategies for the maximum benefit of the primary stakeholders – the students.

I congratulate all the teachers for devising and bringing out this strategic plan for the coming years (2019 to 2022).

Rt. Rev. Dr. K G Daniel

Manager





Principal's Message

Henry Baker College boasts of a very dedicated and committed team of teachers with some extraordinary ideas to make a better campus in the midst of natural bottlenecks and make this society and the country a better place, who are also ready to positively respond to changes and always accept new responsibilities. As part of short term planning for the institution, the teachers pooled in their ideas for the college after brainstorming sessions and the periodic academic audits. It is evident that the teachers are very keen on the development of the college and enthusiastically participated in all the discussions. This strategic plan is a labour of their love and also a reflection of their dreams for their departments and the college. I congratulate all the teachers and wish them the very best for the fulfillment of the plans.

Dr. Gireesh Kumar G S

Principal

Editorial

We understand the unique challenges that the HBC community is facing for years while providing education to the marginalized community of the Melukavu hill-stations. However, in the midst of adversities in the society in which the HBC community serve, the HBC could interact with the beneficiaries well and we could bring our team together in a single platform for the ultimate wellbeing of our institution and our three year strategic plan is an evidence of it.

We are living in a dynamic environment and the velocity of change is continually increasing. As an educational institution of higher learning, we also have to change our pace in accordance with the changes in the environment. We also have to solve our common problems and overcome the challenges and in this context, our three year strategic plan is a route map to our ultimate objectives which is laid on the foundation of marvelous divine light so as to eradicate darkness of ignorance.

This three year strategic plan is also an evidence of how the HBC community looks forward to the future of this institution of higher learning. Here our academicians focused on Facility Planning, Safety and Security, Maintenance and operations, Educational Technology to be used in curriculum and how the Learning Environment should be in accordance with the dynamic educational environment. It is also the dreams and vision of the college management for shaping the future of our institution elevating to an institution of excellence in higher learning having autonomous and/or university status in future.

In the aforesaid context, we cannot forget the efforts taken by Mr. Jithin Johnson, our alumni student and our faculty Dr. Santo Jose, NAAC Coordinator, for their sincere and generous help for the preparation of this document. I appreciate the effort taken by Prof. Jenipher Carlos Hosanna for the academic editing of this book and the suggestions given by Dr. Beena Paul. My gratitude also goes to the members of the Strategic Planning Steering Committee who contributed with constructive insights and opinions.

It is not a rigid strategic plan but rather a very dynamic one and open to revisions, continually evolving and adapting to the changes in the system. This will act as a blueprint for the future and by the grace of God the Almighty and the support of everyone involved we will reach the heights that we have always dreamt of.

ACADEMIC STRATEGIC PLAN, 2019-2022

PREFACE

Henry Baker College, Melukavu has always been committed to Quality Assurance and Maintenance. Several steps have been taken to ensure and maintain high standards of education and align the goals for college learning with the needs of the new global century. The college seeks to give its students a campus to guide their learning, and to make the outcomes of their college education effective in all spheres including broad knowledge, intellectual and practical skills, personal and social responsibility, and integrative learning – thus providing excellence at all levels of education.

The college understands that highly intentional planning, teaching and assessment is required to improve learning and to sustain engagement of all students. This is to ensure that students achieve the sophisticated outcomes expected from contemporary college education. One of the continuing initiatives towards this goal practiced by the college is the Academic Retreat conducted every year. It is an opportunity for introspection and an evaluation of the academic and co-curricular activities conducted in the previous year. Informative talks by experts are arranged and there is a forum for exchange of ideas between the teachers and the experts for evolving new strategies in order to further augment the teaching learning experience. The Academic Plan for the forthcoming year is discussed and tentatively chalked out during the retreat.

This year's deliberations led to the idea of a three-year strategic planning for the college instead of the usual one-year plan. It was felt that a three-year prospective planning would turn out to be more effective as outcome-oriented longer initiatives could be evolved for better attainment of the goals. Hence a new initiative – A three-year Strategic Plan (2019-2022) – was conceptualized and took shape. A central committee consisting of the Manager, Principal, the heads of the departments and selected teachers, was given the responsibility for bringing out a document outlining the

forthcoming plans and targets of the college. All the departments were asked to set their targets based on the framework of the seven NAAC criteria. Pursuant to this, HBC departments pooled in their ideas to set targets in various aspects. The aims and targets of all the departments were combined to form the present document.





ACADEMIC STRATEGIC PLANNING STEERING COMMITTEE

(MEMBERS OF THE THREE-YEAR ACADEMIC STRATEGIC PLAN)

1. Rt. Rev. Dr. K G Daniel
2. Dr. Gireesh Kumar G S, Principal (Convener, Academic Strategic Plan)
3. Rev. P C Mathewkutty – Treasurer, CSI East Kerala Diocese
4. Rev. Biju Joseph – Clergy Secretary, College Bursar, CSI East Kerala Diocese
5. Dr. Josemon George – Lay Secretary, CSI East Kerala Diocese
6. Dr. K Jeevan Kumar, HoD, Dept. of English
7. Dr. Santo Jose, HoD, Dept. of Commerce
8. Dr. Beena Paul, HoD, Dept. of History
9. Dr. Disha V J, Dept. of Chemistry
10. Adv. Mathew Joseph
11. Rev. Bijoy T J
12. Sri. A V Samuel



COLLEGE STRATEGIC PLAN 2019-2022

The present initiative details the broad initiatives planned for the next three years from 2019 to 2022. The initiatives have been streamlined according to the seven criteria of NAAC. It details the plans of the management and staff of the college towards delivering high quality educational experiences and opportunities for the students. The planning is decentralized with each department making a distinct plan of its own. This is not meant to be an exclusive report on the activities, but a reflection of the guidelines for shaping the entire college community to provide the direction and target for a better future. In this, our plans are detailed, and our hopes unveiled.



1. CURRICULAR ASPECTS

The college has to implement time bound graduate attribute linked course plans. New and innovative Add-on/ Certificate courses have to be introduced by each department for the enhancement of students' skills. The college is planning to apply for new UG and PG courses in the next three years.

NEW COURSES

APPLICATION WILL BE GIVEN FOR:

2019-2020	2020-2021	2021-2022
BBA BSW B.Sc (Computer Science)	BA (Sociology) M.A English	B.Sc (Mathematics) B.Sc (Statistics) M.Sc (Physics) M.A (Sociology)

RESULTS**THE PROJECTED RESULTS OF THE STUDENTS IN THE NEXT THREE YEARS ARE:**

Year	2019-2020	2020-2021	2021-2022
UG	75%	80%	85%
PG	80%	85%	90%

2. TEACHING –LEARNING AND EVALUATION

We believe in introducing student centric methods, and in implementing new ICT enabled methods of teaching. Emphasis is given to the most effective usage of evaluation techniques. We plan to recruit new qualified faculties for the vacant posts with concurrence from the State government. The teachers who do not possess Ph.D degrees are encouraged to enroll and secure their doctoral degree.

NEW FACULTY

New faculty to be appointed: 15 (2019-22)

At present almost 60% of the permanent faculty has Ph.D.

PROGRESSION OF TEACHERS WITH HIGHER DEGREES

Year	2019-2020	2020-2021	2021-2022
Permanent	70%	75%	80%

Temporary	10%	20%	30%
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3. RESEARCH, INNOVATION AND EXTENSION

The college promotes the research interests of the teachers and lays major emphasis on research and publications. The Department of Commerce is a Research Centre of M G University. Principal Dr. Gireesh Kumar G S (Department of Commerce) and Dr. Antony Joseph are research guides. We have to our credit a doctorate and more than 100 research publications. Our aspiration is to have research guides from the Department of History by 2020 and also hope that the Department of History will be elevated as a research centre by 2021. In this context, we expect a rise in the number of research guides from our institution as follows:

2019-2020	2020-2021	2021-2022
1	1	1

RESEARCH PUBLICATIONS IN INDEXED/UGC APPROVED JOURNALS

2019-2020	2020-2021	2021-2022
10	15	20

Teachers are encouraged to take up new projects aided by UGC/Governmental/CSIR grants.

RESEARCH PROJECTS: 2019-22

No. of Major Existing Projects	NIL
No. of Major Proposed Projects	1

HBC ACADEME COMMUNITY EXTENSION SERVICE

In order to provide resources and support to the neighbourhood and to maintain a social cohesiveness through extended activities, college proposes a **Campus Community Connect Program**. The program shall include philanthropic activities, visit to old age homes, blood donation, and awareness campaigns.

HBC gives much weightage and importance to people and students belonging to tribal communities. We have a number of students coming from different tribal settlements. As an initiative of the HBC Social Responsibility Centre, we promote tribal education and extension service. In this context, we would like to collect books, dictionaries, periodicals, magazines, etc. from the HBC community in order to start a library cum reading room in different tribal settlements. Accordingly, we wish to construct a library cum reading room in any of the main tribal settlements by 2020. We will arrange in this building, facilities such as subscription of newspapers, periodicals, kids' storybooks, etc. Every ensuing year we are expected to provide this facility to a number of tribal settlements.

SEMINARS-NATIONAL/INTERNATIONAL

Each department will continue their regular conduct of national and international seminars on current topics.

NUMBER OF SEMINAR-NATIONAL/INTERNATIONAL TO BE CONDUCTED:

2019-2020	2020-2021	2021-2022
2	4	5

4. INFRASTRUCTURE AND LEARNING RESOURCES

Classrooms

All of our existing classrooms are well furnished and 65% of them are smart classrooms. However, we wish to convert all of our classrooms as smart classrooms by 2021. We also need additional smart classrooms and audio visual rooms and we propose to construct new buildings by 2022.

Library

Our fully automated library is operating in a limited space. We wish to build a new spacious Central Library spanning a total area of 1000 sq m by 2022. Our proposed library will come with a provision of Conference Hall, Media Centre, Reference Section, Stock Section, and Issue Section having most modern technological infrastructure.

Labs

We are planning to construct state-of-the-art laboratories which are the backbone of any college because practical exposure brings real value to the degree. We expect to get this facility by 2022

Transportation

Our college does not own any kind of transport vehicles at present. We are expected to have a bus for the conveyance of our students coming from remote places and we will provide this facility by 2022.

College Hostels

We have a full-fledged hostel for our girl students which can accommodate a maximum of 50 students. We will provide additional facilities in this hostel by 2021. However, as there is no hostel for boys, we wish to construct a new hostel outside the campus by 2022.

Students' Homeroom

We have study rooms for our students in addition to classrooms. However we are expected to have students' homerooms wherein a group of students and teachers can assemble daily after the regular class hours or after the closure of the classrooms in the evening or holidays. In this context, we are expected to construct an open access building by 2022

Auditorium

Though Henry Baker College has an auditorium with a total seating capacity of 400, the stage needs maintenance and there are no adjacent green rooms and toilets. A sum of Rs. 50 lakhs shall have to be utilized for the overall renovation including necessary toilet facilities and green rooms.

Rainwater Harvesting System

We already have a well maintained Rainwater Harvesting System. However, it is mainly used for the low lying area of the backyard greenery of Herbal Garden (medicinal plants). However, we propose to construct one more tank of 3.3 meters height with 50,000 liters capacity by the end of 2021-22 so that rainwater can be used in the upper areas of the campus.

P.G. Block

We propose to construct a separate PG Block by the end of 2021-2022

Computer Centre

We have a centralized computer lab. However, this lab is not suitable for conducting online examinations conducted by SWAYAM and NPTEL. For that we propose to set up by the end of the year 2021-2022:

- A Linux lab having 100 high end desktops with remote access facility;
- A Windows lab having 50 high end desktops with remote access facility;
- Advanced GPU and non-GPU workstations;

We also propose to set up a separate computer lab for Department of Commerce by the end of the year 2020-2021

New Canteen

The college canteen which was constructed in 1981 and renovated in 2018 finds it difficult to cater the needs of existing strength of stakeholders, as the existing facility is provided using the infrastructure of the old building. Hence a new canteen with a spacious dining hall which can accommodate at least 200 persons at a time will be constructed by 2022.

Exam Hall

We need to construct an exam hall with a capacity of 200 students and we propose to construct by 2022.

HBC's Sports Arena Proposals

In the coming three years, a better focus will be given to the development of sports facilities and modernization of the sports amenities. The amount allocated for each is listed below:

- Composite Football/Cricket Playfield with pitch (4 line running track): 10 Lakh
- Cricket Pitch for Training: 2 Lakhs
- Multipurpose Gymnasium (for Ladies): 10Lakhs
- Concrete Basketball Court: 5 Lakhs

Ladies' Retiring Room

A retiring hall accompanied by rooms for girl students and lady staff is to be set up. Those unwell and in need of rest may take a break and relax in this room.

LIBRARY (RFID SYSTEM FOR LIBRARY AUTOMATION IN 2020-2021)

We will replace the barcode technology used at present in our library with RFID (Radio Frequency Identification) technology by 2021 for checking items in and out of the library, collection inventory and for accurate shelving. It will further accelerate the process of returning CD, DVDs and books to library shelves faster.

Renewing INFLIBNET to access the research journals (INFLIBNET is Information and Library Network, a central computer communication network for linking libraries and information centres in universities, colleges, R & D institutions, etc.)

New Tables and Chairs worth 2.5 lakhs in 2019-2020

Procurement of more books worth 10 lakhs and racks/shelves worth 5 lakhs

TOTAL NUMBER OF NEW JOURNALS TO BE SUBSCRIBED:

2019-2020	2020-2021	2021-2022
10	15	20

OFFICE AUTOMATION

Filling up of vacant posts in the office is essential to ensure the smooth functioning of the office. Hence, we will fill all the vacant posts by 2020-2021. Also, the need to implement systematic office protocols will be addressed. The working of the college office will be completely automated by 2020.

5. STUDENT SUPPORT AND PROGRESSION

The efforts of the college community for the students are reflected in their performance in competitive examinations, progress in higher education and placements.

NUMBER OF STUDENT PLACEMENTS

Some students from the UG departments and students from professional courses and PG generally opt for placements.

2019-2020	2020-2021	2021-2022
15	19	25

CAPABILITY ENHANCEMENT & ASSISTANCE PROGRAMMES

Capability Enhancement Programmes of the college include various programmes arranged for the overall development of the students. Every programme has a teacher coordinator. The coordinator maintains the details of students enrolled under each

programme. All the programs that go at par with the vision and mission of the college, cater to the holistic development of the students.

Bridge Course

To alleviate the knowledge gap of students, all departments of the college conduct bridge courses. The course is designed in such a way that the under-graduation course syllabus is linked with that of the higher secondary syllabus. This helps the students to get a continuity of what they have learned in their higher secondary, before they go in depth to undergraduate curriculum.

Remedial Coaching

All departments of our college conduct an entry level test (as and when a student gets admission in his/her first semester) to find out the slow learners. Once such students are identified they are given special attention by providing proper training and advice to boost up their skills and confidence thereby such students can excel at par with their peers.

Career Counselling

The career & placement cell of the college organizes career counselling for our students which help our students to stand out in campus interviews and recruitment drives. The role played by the career & placement cell is pivotal which ensures placement job opportunities for our students.

Walk With a Scholar (WWS)

Kerala Higher Education Council initiated the Walk with a Scholar (WWS) Programme, expanding the perspective of the learning process of the advanced learners. The students selected under this scheme get the chance to interact with foremost intellectuals and prominent personalities from various streams.





Scholar Support Programme (SSP)

The Scholar Support Programme – an innovative initiative of the Higher Education Department, Govt. of Kerala shall have to start function in our college during the academic year 2020-21. The programme is intended to provide personalized additional support to deprived students by means of internal and external mentoring sessions, study materials, additional lectures, question banks and interactive sessions, Motivation visits, video lectures etc.

PROPOSAL FOR ASAP

Additional Skill Acquisition Programme – A government of Kerala sponsored programme facilitates in improving the soft skills and communication skills of the students. At present we do not provide it on our campus. However, we propose to do so by 2021-22 academic year.





ASPIRE 2K20 AND TALENT HUNT

HBC believes in the creation of the learning space of our students’ dreams. We also believe that youth festivals in institutions of higher learning are one such platform for students’ dreams coming true. Over a period of years a question arose in PTA meetings of our college: why are the HBC students not leading in university youth festivals? As a prelude to it, we decided to give our students adequate training free of cost especially with respect to sports and games through the help of a trainer faculty along with our alumni and students’ clubs. As a result, they could overcome their bottlenecks and without any hesitation they would be able to participate in University Youth Festivals in the coming years. We named this venture ASPIRE 2K20. Accordingly, every year when a student joins his/her first semester course, we decided to conduct a Talent Hunt. After thorough analysis of the data collected and closely monitoring the students through their respective mentors, we take steps to motivate them and boost up their

talents through proper, systematic training. The expected outcome is remarkable achievements in the university level youth festivals and athletic meets.

HBC GREEN CAMPUS DRIVE

To foster a culture of self-sustainability and make the entire campus an eco friendly living laboratory, the HBC community initiated green campus drive. At the outset, we could understand that our students are interested in digging their fingers into a patch of soil on HBC campus as most of them come from farmers' families. Interestingly, we can see in the preceding years of our students' campus life that there are students who want to be around vegetable plants and not spend their college period worrying about pre-educational stuff. Nowadays, our students are more interested in both campus vegetable gardens and herbal gardens (cultivating medicinal plants) because it is something within their control. There are students who lack nutritional value; in this context, we decided to distribute the agricultural produce to a selected number of our financially backward students, hence we can say that HBC's vegetable garden tries to get around this nutritional barrier. We have different varieties of vegetable herbs, beans, tomatoes, etc. and our campus garden activities of our students inculcate in them a habit of sustainability, nutritional thought, and ultimately self-sufficiency by the time when they are back at home. We use the natural manure from the Compost Pit for the vegetation and cultivation of this garden.

The other major initiatives of this green campus drive inter alia include: waste disposal system by placing tricolor bins in different places on the campus, internal generation of electricity through solar panels, tree plantation drive (HBC Cloud) and a Plastic Waste Crushing Unit inside the campus. We expect a 25% additional growth every year in all the aforesaid areas.

HIGHER EDUCATION

Students from the UG departments generally opt for higher education. They are encouraged to pursue their education in top ranking institutes in India and also they are made aware of scholarships provided by institutes abroad.

2019-2020	2020-2021	2021-2022
50%	55%	60%

INTERNSHIPS

In order to get a professional exposure, HBC promotes internship to final year/semester students in corporate/non-corporate or professional firms including co-operative and charitable undertakings according to the interest of the student. Students can find internships on their own or through the Career Development Cell (CDC) of HBC. The internship would be evaluated by the departments concerned based on the training report submitted by the student, presentation, and mentor's input immediately after the successful completion of their internships.

2019-2020	2020-2021	2021-2022
30%	40%	50%

NET QUALIFICATION/COACHING

Our PG students secure NET/JRF certificate from National Testing Agency (NTA). We provide NET/JRF coaching to our students and faculty members (teachers on contract without NET) through HBC NET Coaching Centre. Motivated by our previous years' results, we expect a rise in the number of NET holders in the forthcoming years.

2019-2020	2020-2021	2021-2022
5	7	9

NET COACHING MATERIALS

We have already published our study materials given to our students as five textbooks. Accordingly, we also expect a rise in the number of publications in the coming years

2019-2020	2020-2021	2021-2022
1	3	5

OUR PROSPECTIVE NET HOLDERS GET MOTIVATION
FROM 7 OF OUR 2015-2016 BATCH NET/JRF HOLDERS

			
Ms. Anumol Sam Commerce	Ms. Binduja S Commerce	Ms. Sabitha Muhammed (Commerce)	Ms. Chippy K Raj Commerce
			
Ms. Vinsha P Sam Commerce	Ms. Aparna Merin Mathew (Commerce)	Mr. Binu Kurian Commerce	

STUDENT LEADERSHIP PROGRAM

Our students join hands with the management to become active participants in all their activities. In addition to students' clubs, we will be setting up new student leadership teams so that they can form their own associations, self-help groups (social volunteer teams), disaster management groups (emergency response teams), etc.

2019-2020	2020-2021	2021-2022
Students' Social Volunteer Teams	Resource Management Training to students	Students' Emergency Response Teams

HBC CAMPUS RADIO STATION

At present we have a campus radio program run by students. As a sequel to it we propose the introduction of a radio station run by the college students with the help of faculty members and we will set up it by 2021-2022 with the title Radio HBC.

LAPTOP LIBRARY

Just like one lends the books, a laptop lending library for students is likely to be set up by 2021-2022. This will be most beneficial to students coming from remote hilly areas.

STUDENT SCHOLARSHIPS

In addition to the already existing scholarships, new scholarships of Rs. 5,000 to be introduced in 2019-2020 for 10% of the EWS students

LUNCH FOR NEEDY STUDENTS

At present we provide free lunch facilities to our needy students. However, we propose the introduction of a free lunch coupon for needy students in 2020-2021. This will benefit 10% of students (50 students).

COUNSELLING CELL

A permanent counselling cell to be set up with qualified counsellors

ALUMNI MEETINGS AND COLLABORATIVE PROGRAMMES

2019-2020	2020-2021	2021-2022
2 per department	3 per department	4 per department

6. GOVERNANCE, LEADERSHIP AND MANAGEMENT

The strength of the college lies in the impetus provided by the Management and the Governing Council to push the college to a higher level. Along with providing unstinting support, the strategies for the next three years include:

- Drafting of a research policy document in 2019-2020
- Framing of a Quality Assurance Document in 2019-2020
- Academic Administrative Audit to be conducted every year
- Get ISO Certification by 2020-2021

7. INNOVATIVE AND BEST PRACTICES

WASTE SEGREGATION

In adherence to the green protocol, the waste will be segregated into three different coloured waste bins. The green coloured bins are meant for wet and biodegradable wastes. The blue bins are meant for disposal of plastic wrappers and non-biodegradable wastes. Yellow bins are meant for papers and glass bottles. Clearing or emptying of the bins will be done on a regular basis between 4.00 p.m and 5 p.m every day.

GREEN AUDIT

A green audit will be conducted in 2019-2020, as a tool for attaining sustainable development. In this context, the HBC management wishes to analyze the environmental quality of the campus and accordingly will assess the quality of

water and soil on the campus, assess the energy consumption pattern of the college, quantify the 'solid waste generation and management', assess the carbon footprint of the college and impart environment management plans to the college.

WATER AUDIT

The rain water harvesting system with a total capacity of 2,00,000 litres should suffice to meet the daily water requirements of students and this will minimize the dependence of the community on the other water sources. A water audit will be conducted to analyse the requirement of water usage.

ENERGY AUDIT

An energy audit will also be conducted to find the feasibility of installing solar powered electrical appliances and to reduce the energy consumption needs of the college

ENVIRONMENTAL SUSTAINABILITY

Our campus is a plastic free eco friendly zone wherein great efforts are put to instill the values of environmental consciousness among the student community. In-house activities like implementation of green protocol, waste segregation, reduction of plastic usage are a part of the campus culture.

GO SOLAR 2020

HBC believes in a sustainable environment and wishes to go solar by the year 2020. It will help us run our library, office, and canteen in the day and HBC's illuminations at night. To add to it, we would like to go solar by the year 2022 and 75% of our energy needs are being fulfilled by these panels.

HBC SOCIAL RESPONSIBILITY CENTRE (HBC SRC)

Waste Management Plant and Plastic Crushing Unit

We collect plastic waste from the community (households of students and stakeholders) and from an adopted ward of Melukavu Grama Panchayath. The collected plastics are crushed in our Plastic Crushing Unit on a weekly basis. Our campus is completely littered free. The National Service Scheme (NSS) unit in the college is working hard to ensure that students have access to the tools and information they need to make change on the campus. To complete this, college works with industry innovators, campus student leaders and other non-profit

activists in building best-practice resources for eliminating the usage of plastics on the campus.

To reduce waste and plastic materials on the campus, recycling efforts have been improved and organic recycling services are facilitated. We also provide awareness for students, faculty, staff and the general public on proper waste management practices. We ensure the collection and distribution of organic waste from each household and convert it into organic manure. For that, we propose to conduct a number of seminars on Waste Management in the ensuing academic years.

Prospective Activities of HBC Social Responsibility Centre

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Entrepreneurship Programs for Divyangajans ➤ Skill building for Children & Youth ➤ School education for Children ➤ My Waste My Responsibility ➤ 100% Electricity generation through Solar Panels on the campus 	<ul style="list-style-type: none"> ➤ Student Entrepreneurship Programs ➤ Skill building for Children & Youth ➤ School education for Children ➤ My Waste My Responsibility Campaigns ➤ Tribal knowledge bank and Cultural Centre 	<ul style="list-style-type: none"> ➤ Women Entrepreneurship Programs ➤ Skill building for Children & Youth ➤ School education for Children, ➤ Solid Waste management and green protocol ➤ Tribal knowledge bank and Cultural Centre ➤ Empowerment for Self-sufficient existence



RESEARCH AND POSTGRADUATE DEPARTMENT OF COMMERCE

[B.COM (CO-OPERATION) & M.COM (FINANCE)]

1. CURRICULUM DESIGN

INNOVATIVE TEACHING TECHNIQUES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none">➤ 100% ICT enabled teaching➤ Each faculty member to create digital contents and to adopt Google classroom at least for 2 courses➤ GD➤ Panel Discussion➤ Quiz, Debate, Experiential learning to enhance teaching skills, Each P.G student shall teach for 1 hour in each semester	<ul style="list-style-type: none">➤ 100% ICT enabled teaching➤ Each faculty member to adopt google classrooms for 2 more additional courses➤ GD/Panel Discussion/Quiz/Debate/ Flipped Classroom (10% of 1 subject in each semester)➤ Experiential learning➤ Commerce Repository➤ Each P.G student shall teach for 1 hour in each semester	<ul style="list-style-type: none">➤ 100% ICT enabled teaching➤ Each faculty member to adopt google classrooms for 2 more additional courses➤ GD and Panel Discussion➤ Quiz/Debate Flipped classroom (10% of 1 subject in each semester)➤ Experiential learning➤ Commerce Repository➤ Each P.G student shall teach for 1 hour in each semester

ACADEMIC FLEXIBILITY

- 1 week to 2 weeks mandatory organization study – internship, during summer vacation (banks and industry)
- 10 days' academic exposure to other reputed higher education institutions

2019-2020	2020-2021	2021-2022
3 Collaborations (MOU)	3 Collaborations (MOU)	4 Collaborations (MOU)

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Corporate and/or Cooperative interaction 5 ➤ CEO Talk 3 ➤ Add on/Certificate course on Financial Mathematics (PG) -1 ➤ 1 Workshop on Data Analysis – for project work and research (PG) – 1 Interaction with industrial and academic experts (UG & PG) – 8 ➤ UG Certificate Course on: (1) Behavioural and 	<ul style="list-style-type: none"> ➤ Corporate and/or Cooperative interaction 5 ➤ CEO Talk 4 ➤ Add on/Certificate course on Mathematical & Portfolio Theory (PG) -1 ➤ 1 Workshop on Data Analysis – for project work and research (PG) – 1 Interaction with industrial and academic experts (UG & PG) – 8 ➤ UG Certificate 	<ul style="list-style-type: none"> ➤ Corporate and/or Cooperative interaction 5 ➤ CEO Talk 5 ➤ Add on/Certificate course on Financial Mathematics (PG) -1 ➤ 1 Workshop on Data Analysis – for project work and research (PG) – 1 Interaction with industrial and academic experts (UG & PG) – 8 ➤ UG Certificate Course on: (1) Behavioural and

Personal Finance (2) Income Tax Law & Practice (3) Soft Skills (4) Introduction to German (Interdisciplinary)	Course on: (1) Behavioural and Personal Finance (2) Income Tax Law & Practice (3) Soft Skills (4) Introduction to German (Interdisciplinary)	Personal Finance (2) Income Tax Law & Practice (3) Soft Skills (4) Introduction to German (Interdisciplinary) ➤ (5) Corporate Social Responsibility (CSR)
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CURRICULUM ENRICHMENT



2. TEACHING, LEARNING AND EVALUATION
STUDENT PROGRESSION

Students	2019-2020	2020-2021	2021-2022
UG	90%	92%	100%
PG	80%	85%	100%

2019-2020	2020-2021	2021-2022
A rank at university level within 5, for UG	Every year a rank at university level within 5, for UG and within 10 for PG	Every year a rank at university level within 5, for UG and within 10 for PG

STUDENT PROJECTS

2019-2020	2020-2021	2021-2022
Publication oriented projects (PG) – 5	Publication oriented projects (PG) – 7	Publication oriented projects (PG) – 7
5 industry oriented projects (UG)	8 industry oriented projects (UG)	10 industry oriented projects (UG)

USE OF EFFECTIVE ICT

% OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM ETC.

2019-2020	2020-2021	2021-2022

<ul style="list-style-type: none"> ➤ 60% ➤ At least 25% of the classes through any Learning Management System 	<ul style="list-style-type: none"> ➤ 65% ➤ At least 30% of the classes through any Learning Management System ➤ Flipped classroom ➤ (10% of 1 subject in each semester) 	<ul style="list-style-type: none"> ➤ 75% ➤ At least 35% of the classes through any Learning Management System ➤ Flipped classroom ➤ (10% of 2 subjects in each semester)
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TEACHER & TEACHING QUALITY

2019-2020	2020-2021	2021-2022
Ph.D Registration -1 Orientation/Refresher course – 2 Attending short term course – 2 Seminar / Workshop – every faculty at least 1 FDP – 2	Ph.D Registration -1 Orientation/Refresher course – 3 Attending short term course – 2 Seminar / Workshop – every faculty at least 1, with paper presentation Conduct a seminar/workshop All faculties will have to do FDP through NPTEL	New Ph.Ds – Faculty -2, Scholars – 3, Orientation/Refresher course -2, Attending short term course – 3, Semiabr / workshop – every faculty at least 1, with paper presentation, International seminar abroad – 1 FDP – 3

STUDENT EVALUATION SYSTEM

- MCQ exam for P G (as a promotional measure of NET Coaching)
- Open book exam for UG & PG
- Assignment 50% online

3. RESEARCH AND PUBLICATIONS

PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS

2019-2020	2020-2021	2021-2022
1 Research publication per faculty 1 in UGC list	1 Research publication per faculty 2 in UGC list Funded Project (Minor/Major Research) – 1	1 Research publication per faculty 3 in UGC list Funded Project (Minor/Major Research) – 1

FACULTY AUTHORED BOOKS

2019-2020	2020-2021	2021-2022
2	2	2

INDUSTRY ACADEMIA COLLABORATION

2019-2020	2020-2021	2021-2022
➤ Internships in Banks/Industries –	➤ Internships in Banks/Industries –	➤ Internships in Banks/Industries –

<p>MOU</p> <ul style="list-style-type: none"> ➤ Industrial visit and Prospects of Internship ➤ IIM visit: II B.Com, I M.Com, II M.Com 	<p>MOU</p> <ul style="list-style-type: none"> ➤ Industrial visit and Prospects of Internship ➤ IIM visit: II B.Com, I M.Com, II M.Com 	<p>MOU</p> <ul style="list-style-type: none"> ➤ Industrial visit and Prospects of Internship ➤ IIM visit: II B.Com, I M.Com, II M.Com
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TRAINING AND CAPACITY BUILDING

2019-2020	2020-2021	2021-2022
<p>Facilitating a Peer Classroom Visit</p> <p>How to Make use of a Campus Library</p>	<p>One capacity building programme for Consultancy and related services</p>	<p>One capacity building programme for Consultancy and related services</p>

4. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

We ensure library-work-based assignments

2019-2020	2020-2021	2021-2022
111 Book review sessions	115 Book review sessions	120 Book review sessions

E-JOURNALS AND BOOKS

We suggested e-journals for OPAC so that the UG students be trained for journal reference, and the PG students can do the projects in an efficient manner.

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none">➤ Every sem., one assignment based on library work➤ E-journals referred in projects - PG	<ul style="list-style-type: none">➤ Every sem., at least 10% of 1 course – library➤ E-journals referred in projects - PG	<ul style="list-style-type: none">➤ Every sem., at least 10% of 2 courses – library➤ E-journals referred in projects - PG

5. STUDENT SUPPORT

2019-2020	2020-2021	2021-2022
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Every sem, career guidance talk	Every sem, career guidance talk	Every sem, career guidance talk
Once in a week after the regular working hours, personal career counseling	Every Thursday 3.30 to 4.30, personal career counseling	Every Thursday 3.30 to 4.30, personal career counseling
Capacity enhancement – Commerce Association activities, Participation in intercollegiate paper presentations and co-curricular activities	Capacity enhancement – Commerce Association activities, Participation in intercollegiate paper presentations and co-curricular activities	Capacity enhancement – Commerce Association activities, Participation in intercollegiate paper presentations and co-curricular activities
Organize National Paper Presentation Competition (PG)	Organize National Paper Presentation Competition (PG)	Organize National Paper Presentation Competition (PG)

INCREASE OF STUDENT DIVERSITY DISTRICT WISE AND STATE WISE

2019-2020	2020-2021	2021-2022
2 Districts	2 States	2 States

STRENGTHENING OF PLACEMENTS AND TRAINING ACTIVITIES

2019-2020	2020-2021	2021-2022
No. of Recruiters – 20	No. of Recruiters – 25	No. of Recruiters – 30
Median Salary – Rs. 2.4 lakhs/annum	Median Salary – Rs. 3 lakhs/annum	Median Salary – Rs. 4 lakhs/annum

ALUMNI ENGAGEMENT/MEET

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Alumni interactions with students -2 ➤ Alumni meet -2 ➤ Alumni interaction 8 	<ul style="list-style-type: none"> ➤ Alumni interactions with students -2 ➤ Alumni meet -2 ➤ Alumni interaction 8 	<ul style="list-style-type: none"> ➤ Alumni interactions with students -2 ➤ Alumni meet -2 ➤ Alumni interaction 8

NUMBER OF ALUMNI MEETS / INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Alumni meet – 1 ➤ Alumni interaction 2 	<ul style="list-style-type: none"> ➤ Alumni meet – 1 ➤ Alumni interaction 3 	<ul style="list-style-type: none"> ➤ Alumni meet – 1 ➤ Alumni interaction 3

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022

<ul style="list-style-type: none"> ➤ UG – 75% to higher studies and 10% placement ➤ PG – 85% placement ➤ NET/SET -3 	<ul style="list-style-type: none"> ➤ UG – 80% to higher studies and 10% placement ➤ PG – 90% placement ➤ NET/SET -4 	<ul style="list-style-type: none"> ➤ UG – 85% to higher studies and 10% placement ➤ PG – 95% placement ➤ NET/SET -4
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6. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

- Centralized internal exam valuation
- Visit to IIM, Industrial visits

2019-2020	2020-2021	2021-2022
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Design and implement one best practice	Design and implement one best practice	Design and implement one best practice
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GENDER EQUITY PROGRAMMES/COUNSELLING

2019-2020	2020-2021	2021-2022
1 Program	2 Programmes	3 Programmes

ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022
Visit/class/programme – 1	Visit/class/programme – 2	Visit/class/programme – 3

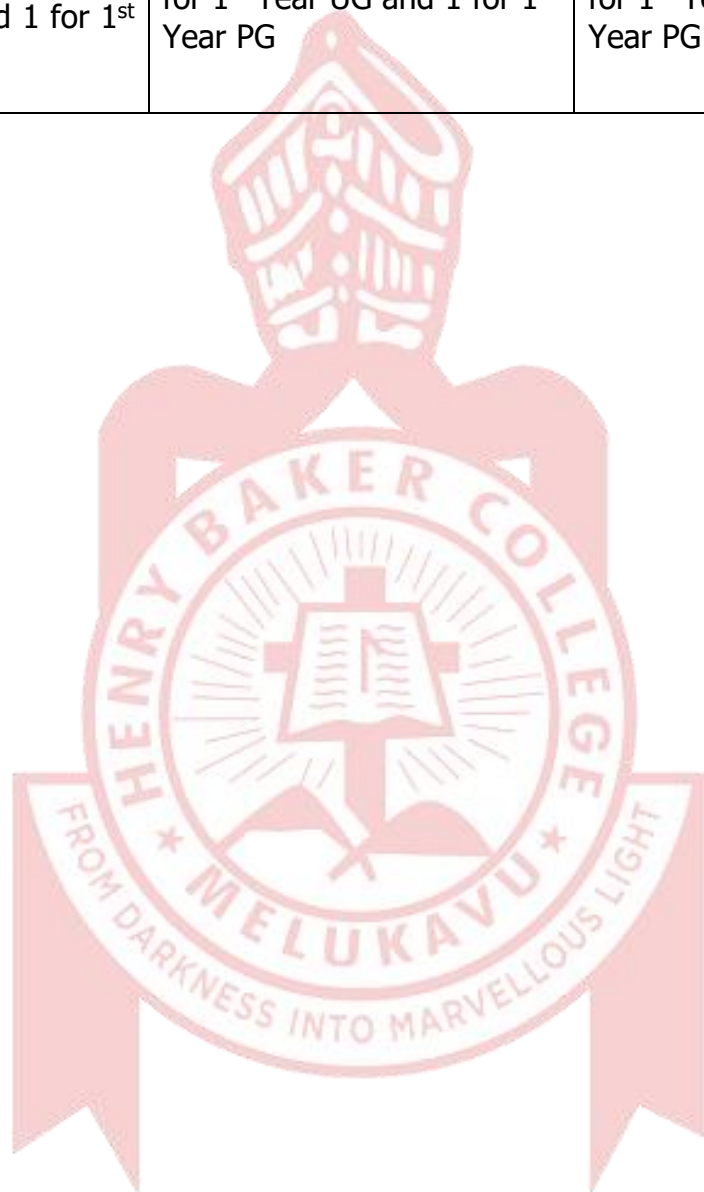
PROFESSIONAL ETHICS

2019-2020	2020-2021	2021-2022
1 Programme	1 Programme	1 Programme

SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022
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Experience sharing professional ethics -1 2 outreach programme – 1 for 1 st Year UG and 1 for 1 st Year PG	Experience sharing professional ethics -1 2 outreach programme – 1 for 1 st Year UG and 1 for 1 st Year PG	Experience sharing professional ethics -1 2 outreach programme – 1 for 1 st Year UG and 1 for 1 st Year PG
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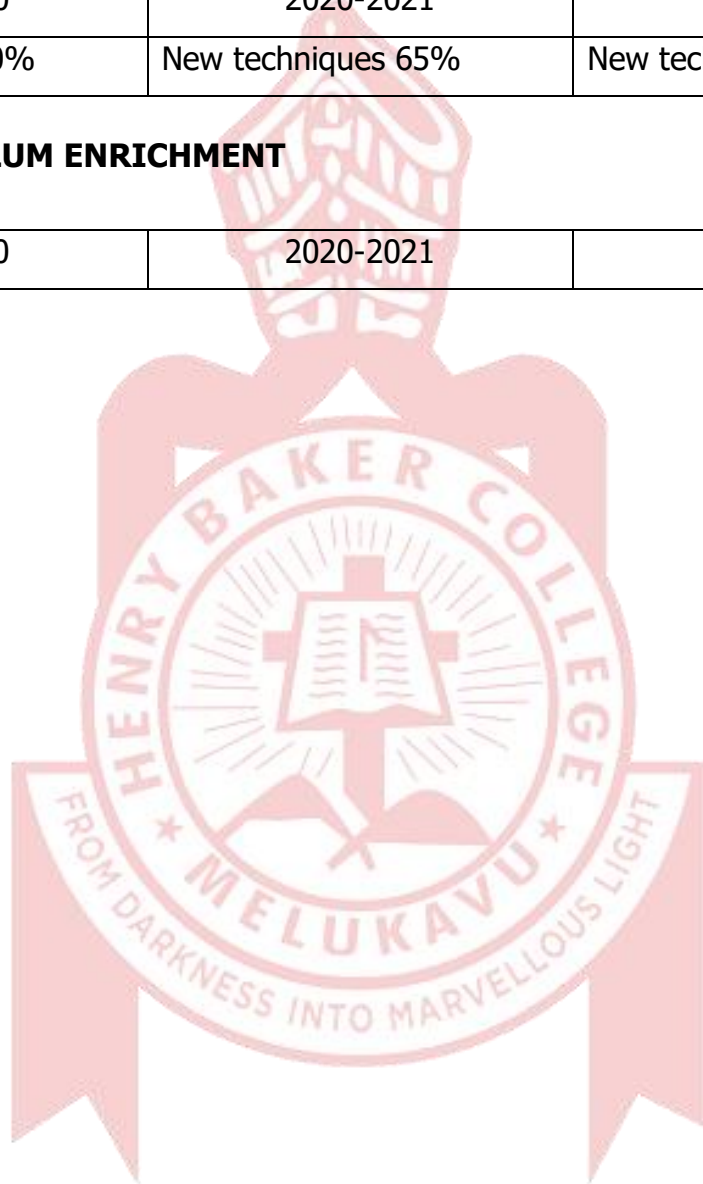
1. CURRICULUM DESIGN

INNOVATIVE TEACHING TECHNIQUES

2019-2020	2020-2021	2021-2022
New techniques 60%	New techniques 65%	New techniques 75%

CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
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<ul style="list-style-type: none"> ➤ Orientation Lectures ➤ Subject Experts Talk (Invited Lectures) ➤ Project Orientation to Students 	<ul style="list-style-type: none"> ➤ Orientation Classes ➤ Subject Experts Talk ➤ Project Orientation 	<ul style="list-style-type: none"> ➤ Orientation Classes ➤ Subject Experts Talk ➤ Project Orientation
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2. TEACHING, LEARNING AND EVALUATION
STUDENT PROGRESSION

2019-2020	2020-2021	2021-2022
75%	78%	85%

STUDENT PROJECTS

2019-2020	2020-2021	2021-2022
100% of students to do projects	100% of students to do projects	100% of students to do projects

USE OF EFFECTIVE ICT

% OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM ETC:

2019-2020	2020-2021	2021-2022
60% of content through ICT, Google classroom / Google meet	65% of content through ICT, Google classroom / Google meet	70% of content through ICT, Google classroom / Google meet

TEACHING QUALITY

NUMBER OF TEACHERS WITH Ph.D

2019-2020	2020-2021	2021-2022
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1 of the faculties with Ph.D and additional qualification	2 of the faculties with Ph.D and additional qualification	3 of the faculty with Ph.D and additional qualification
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TEACHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
2 of the faculties will attend orientation and or FDP programmes (through SWAYAM NPTEL Platform)	3 of the faculties will attend orientation and or FDP programmes (through SWAYAM NPTEL Platform)	4 of the faculties will attend orientation and or FDP programmes (through SWAYAM NPTEL Platform)

TEACHER PARTICIPATION IN INTERNATIONAL/NATIONAL LEVEL PROGRAMMES

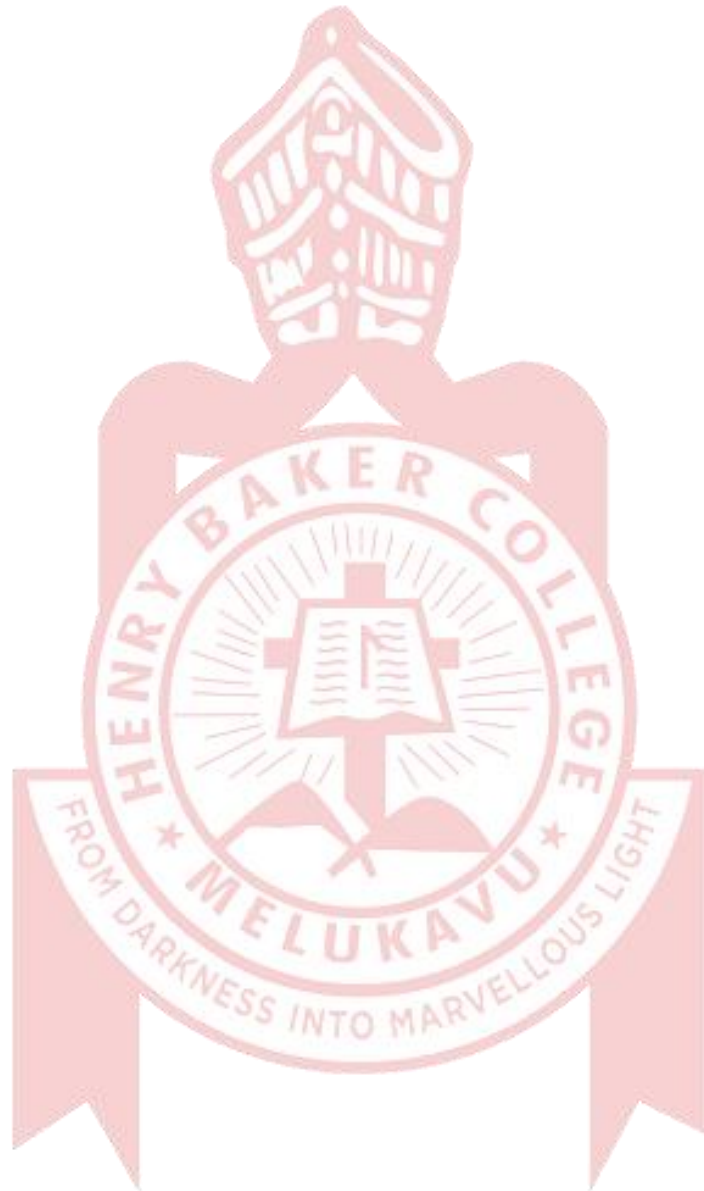
2019-2020	2020-2021	2021-2022
As a policy of our management, 2 of the faculties shall attend seminars/workshops and academic events	3 of our teachers shall attend seminars/workshops and/or any other academic events (as the HBC Management policy)	As HBC Management Policy, 3 of our faculties shall attend seminars/workshops and/or any other academic events

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Quiz, ➤ MCQs, ➤ Group Discussion, ➤ Role Play, ➤ Test Papers, ➤ Case study analysis, ➤ Project presentation 	<ul style="list-style-type: none"> ➤ Group Discussion, ➤ Role Play, ➤ Test Papers, Quiz, and MCQ, ➤ Case study analysis, ➤ Project presentation 	<ul style="list-style-type: none"> ➤ Group Discussion, ➤ Role Play, ➤ Test Papers, Quiz, and MCQ, ➤ Case study analysis, <p>Project presentation</p>

3. RESEARCH AND PUBLICATIONS

PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS, ETC.



2019-2020	2020-2021	2021-2022
One publication per faculty	One publication per faculty	One publication per faculty

4. STUDENT SUPPORT

CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Preparatory talks with external bodies to notify career prospects ➤ 1 Talk by Expert per semester 	<ul style="list-style-type: none"> ➤ Preparatory talks with external bodies to notify career prospects ➤ 1 Talk by Expert per semester 	<ul style="list-style-type: none"> ➤ Preparatory talks with external bodies to notify career prospects ➤ 1 Talk by Expert per semester

ALUMNI ENGAGEMENT/MEET/INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Career and orientation talks for Juniors ➤ One Interaction and Alumni meet per year 	<ul style="list-style-type: none"> ➤ Career and orientation talks for Juniors ➤ Two Interactions and Alumni Meet per year 	<ul style="list-style-type: none"> ➤ Career and orientation talks for Juniors ➤ Two interactions per year

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022

75% of UG students opt for Higher Education	75% of UG students opt for Higher Education	75% of UG students opt for Higher Education
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5. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Classes on "Nurturing the Nature" ➤ Conducting expert talks ➤ Personality development programmes ➤ Accountability and Equitable Access 	<ul style="list-style-type: none"> ➤ Classes on "Nurturing the Nature" ➤ Academic Freedom ➤ Personality development programmes ➤ Accountability and Equitable Access 	<ul style="list-style-type: none"> ➤ Classes on "Nurturing the Nature" ➤ Academic Freedom ➤ Conducting expert talks ➤ Personality development programmes

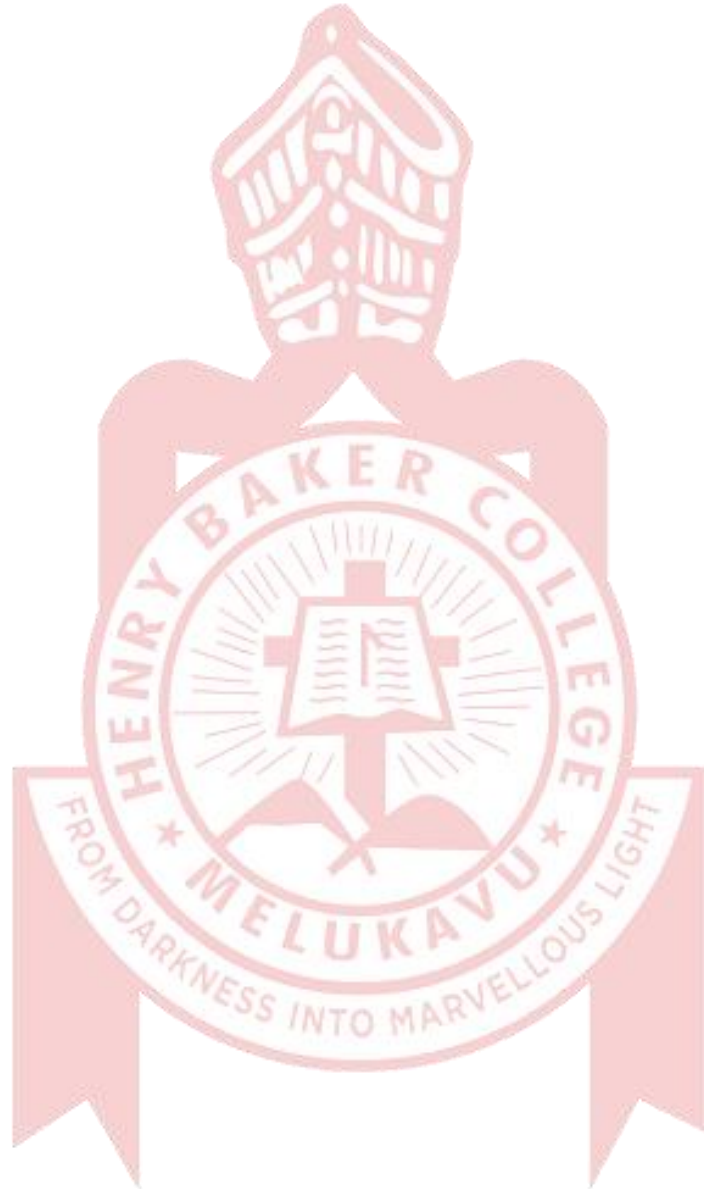
ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022
World Environment Day Celebration & Awareness Classes	World Environment Day Celebration & Awareness Classes	World Environment Day Celebration & Awareness Classes

PROFESSIONAL ETHICS

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Punctual in Academic Programmes – time bound ➤ Teachers update their knowledge through seminars and refreshers. ➤ Students are mentored and tutored regularly which result in the upward mobility of the results. ➤ Department generates Co-curricular, extra-curricular activities for the holistic development of students. 	<ul style="list-style-type: none"> ➤ Punctual in Academic Programmes – time bound ➤ Teachers update their knowledge through seminars and refreshers. ➤ Students are mentored and tutored regularly which result in the upward mobility of the results. ➤ Department generates Co-curricular, extra-curricular activities for the holistic development of students. 	<ul style="list-style-type: none"> ➤ Punctual in Academic Programmes – time bound ➤ Teachers update their knowledge through seminars and refreshers. ➤ Students are mentored and tutored regularly which result in the upward mobility of the results. ➤ Department generates Co-curricular, extra-curricular activities for the holistic development of students.

➤ Faculty maintain Interpersonal skills between students, alumni and peers.	➤ Faculty maintains Interpersonal skills between students, alumni and peers..	➤ Faculty maintain Interpersonal skills between students, alumni and peers.
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DEPARTMENT OF HISTORY

DEPARTMENT OF HISTORY

1. CURRICULUM DESIGN

INNOVATIVE

TEACHING

TECHNIQUES

2019-2020	2020-2021	2021-2022
Integrate ICT in teaching	Integrate ICT in teaching	Integrate ICT in teaching
Peer teaching by students	Peer teaching by students	Peer teaching by students
Literature review on research articles	Literature review on research articles	Literature review on research articles
PowerPoint Presentation	PowerPoint Presentation	PowerPoint Presentation

CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
Certificate Course on Oral History	Certificate Course (Add on Course) on Tribal Studies	Certificate Course (Add on Course) on Cultural Heritage of Kerala
Talk by experts (Invited Lectured)	Talk by experts (Invited Lectured)	Talk by experts (Invited Lectured)

2. TEACHING, LEARNING AND EVALUATION

STUDENT PROGRESSION

2019-2020	2020-2021	2021-2022
60%	70%	80%

STUDENT PROJECTS

2019-2020	2020-2021	2021-2022
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<ul style="list-style-type: none"> ➤ Manuscript Magazine ➤ Study tour for final year ➤ Field Visit for first years for participatory learning ➤ Visit to Indian Institute of Archaeology, Ernakulam for final year students ➤ All final year students to carry out project on different aspects in history ➤ Local History Collections 	<ul style="list-style-type: none"> ➤ Manuscript Magazine ➤ Study tour for final year ➤ Field Visit for first years for participatory learning ➤ Visit to archeological centre of University of Kerala: Oriental Research Institute and Manuscript Library Thiruvananthapuram for participatory/experiential learning ➤ All final year students to carry out project on different aspects in history 	<ul style="list-style-type: none"> ➤ Manuscript Magazine ➤ Study tour for final year ➤ Field Visit for first years for participatory learning ➤ Visit to Directorate of Archaeology Thiruvananthapuram for final year students ➤ All final year students to carry out project on different aspects in history ➤ Local History Collections
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**TEACHING QUALITY
NUMBER OF TEACHERS WITH Ph.D**

2019-2020	2020-2021	2021-2022
50% faculty with Ph.D	60% faculty with Ph.D	70% faculty with Ph.D

TEACHER PARTICIPATION IN INTERNATIONAL/NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
➤ Encourage faculty members to participate/present a paper in seminars/workshops/ Training	➤ Encourage faculty members to participate/present a paper in seminars/workshops/ Training	➤ Encourage faculty members to participate/present a paper in seminars/workshops/ Training

<p>programmes in great historical events & symposiums</p> <ul style="list-style-type: none"> ➤ Seminar – 1 ➤ Workshop/Training – 1 	<p>programmes in great historical events & symposiums</p> <ul style="list-style-type: none"> ➤ Seminar – 2 ➤ Workshop/Training – 1 	<p>programmes in great historical events & symposiums</p> <ul style="list-style-type: none"> ➤ Seminar – 3 ➤ Workshop/Training – 1
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RUBRICS FOR MEASURING PROGRAMME OUTCOME

2019-2020	2020-2021	2021-2022
Short Test-Papers	Short Test-Papers	Short Test-Papers
Seminar presentation	Seminar presentation	Seminar presentation
Project presentation	Project presentation	Project presentation
Conduct viva-voce	Conduct viva-voce	Conduct viva-voce

3. RESEARCH AND PUBLICATIONS

FACULTY AUTHORED BOOKS

2019-2020	2020-2021	2021-2022
One	Two	Three

4. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Assignment and research projects using library ➤ Library Books Data 	<ul style="list-style-type: none"> ➤ Assignment and research projects using library ➤ Library Books Data 	<ul style="list-style-type: none"> ➤ Assignment and research projects using library ➤ Library Books Data

Collection and Reporting (History)	Collection and Reporting (History)	Collection and Reporting (History)
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E-JOURNALS AND BOOKS

2019-2020	2020-2021	2021-2022
Books as per the availability of funds	Books as per the availability of funds	Books as per the availability of funds

5. STUDENT SUPPORT

CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Career guidance class ➤ NET Coaching ➤ PSC/Civil Service Coaching 	<ul style="list-style-type: none"> ➤ Career guidance class ➤ NET Coaching ➤ PSC/Civil Service Coaching 	<ul style="list-style-type: none"> ➤ Career guidance class ➤ NET Coaching ➤ PSC/Civil Service Coaching

CAPACITY ENHANCEMENT AND DEVELOPMENT

2019-2020	2020-2021	2021-2022
Encourage students to participate in seminars; in intercollegiate competitions/hands on training	Encourage students to participate in seminars; in intercollegiate competitions/hands on training	Encourage students to participate in seminars; in intercollegiate competitions/hands on training

NUMBER OF ALUMNI MEETS/INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022
One	One	One

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022
Students opt for higher education (50%)	Students opt for higher education (60%)	Students opt for higher education (70%)

6. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Annual academic exchange and joint research projects with other Research Centres of M G University ➤ Bimonthly M.A research colloquia ➤ Interdisciplinary Ph.D research colloquium ➤ Constant student and faculty interaction with History experts (Historians) ➤ Students exposed to live projects in the 	<ul style="list-style-type: none"> ➤ Annual academic exchange and joint research projects with other Research Centres of M G University ➤ Bimonthly M.A research colloquia ➤ Interdisciplinary Ph.D research colloquium ➤ Constant student and faculty interaction with History experts (Historians) ➤ Students exposed to live projects in the 	<ul style="list-style-type: none"> ➤ Annual academic exchange and joint research projects with other Research Centres of M G University ➤ Bimonthly M.A research colloquia ➤ Interdisciplinary Ph.D research colloquium ➤ Constant student and faculty interaction with History experts (Historians) ➤ Students exposed to live projects in the

<p>Department</p> <ul style="list-style-type: none"> ➤ Field Visits for History of Art & Culture ➤ Collection of Rare books on the history of Melukavu ➤ Faculty Exchange Programme between the colleges of M G University ➤ Tribal Community focused Research Projects 	<p>Department</p> <ul style="list-style-type: none"> ➤ Field Visits for History of Art & Culture ➤ Collection of Rare books on the history of Melukavu ➤ Faculty Exchange Programme between the colleges of M G University ➤ Tribal Community focused Research Projects 	<p>Department</p> <ul style="list-style-type: none"> ➤ Field Visits for History of Art & Culture ➤ Collection of Rare books on the history of Melukavu ➤ Faculty Exchange Programme between the colleges of M G University ➤ Tribal Community focused Research Projects
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GENDER EQUITY PROGRAMMES/COUNSELLING

2019-2020	2020-2021	2021-2022
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<ul style="list-style-type: none"> ➤ Participate in women cell activities ➤ Participate in equal opportunity cell 	<ul style="list-style-type: none"> ➤ Participate in women cell activities ➤ Participate in equal opportunity cell 	<ul style="list-style-type: none"> ➤ Participate in women cell activities ➤ Participate in equal opportunity cell
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ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ World environment day celebrations and Awareness Programs ➤ Encourage the students to stress on aspects like waste management, rainwater harvesting etc. & empower the public about these aspects 	<ul style="list-style-type: none"> ➤ World environment day celebrations and Awareness Programs ➤ Encourage the students to stress on aspects like waste management, rainwater harvesting etc. & empower the public about these aspects 	<ul style="list-style-type: none"> ➤ World environment day celebrations and Awareness Programs ➤ Encourage the students to stress on aspects like waste management, rainwater harvesting etc. & empower the public about these aspects

PROFESSIONAL ETHICS

2019-2020	2020-2021	2021-2022
Teachers update their knowledge through newer technologies	Teachers update their knowledge through newer technologies	Teachers update their knowledge through newer technologies

SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022

Develop & implement professional code of ethics – ethics in water use, environmental protection	Develop & implement professional code of ethics – ethics in water use, environmental protection	Develop & implement professional code of ethics – ethics in water use, environmental protection
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DEPARTMENT OF ENGLISH

1. CURRICULUM DESIGN

Innovative Teaching Techniques

EXPERIENTIAL LEARNING

New techniques: Role-play, Direction, Scripting, Quiz, Debates, Panel discussion, Online Assignments

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Creating Writing, Imitation, Parody ➤ Editing, Creating an Edition ➤ Hearing authors read and talk about their own work ➤ Reviewing literary work for academic and/or popular audiences ➤ Recreating a particular historical context to illuminate a literary text 	<ul style="list-style-type: none"> ➤ Creating Writing, Imitation, Parody ➤ Editing, Creating an Edition ➤ Hearing authors read and talk about their own work ➤ Reviewing literary work for academic and/or popular audiences ➤ Recreating a particular historical context to illuminate a literary text 	<ul style="list-style-type: none"> ➤ Creating Writing, Imitation, Parody ➤ Editing, Creating an Edition ➤ Hearing authors read and talk about their own work ➤ Reviewing literary work for academic and/or popular audiences ➤ Recreating a particular historical context to illuminate a literary text

ACADEMIC FLEXIBILITY

No. of students who will participate and present papers in National and International Seminars

2019-2020	2020-2021	2021-2022

National Seminars: 1 Student	National Seminars: 2 Students	National Seminars: 3 Students International – 1
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CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Enactment of Plays ➤ Orientation Talk ➤ Project Orientation ➤ Enrich Language Skills through our Language Lab ➤ Competitive Exam Orientation 	<ul style="list-style-type: none"> ➤ One Add on Course ➤ Enactment of Plays ➤ Orientation Talk ➤ Project Orientation ➤ Competitive Exam Orientation ➤ Enrich Language Skills through our Language Lab ➤ Students joining MOOC courses through NPTEL, SWAYAM, edX and Coursera 	<ul style="list-style-type: none"> ➤ One Add on Course ➤ Enactment of Plays ➤ Orientation Talk ➤ Project Orientation ➤ Competitive Exam Orientation ➤ Enrich Language Skills through our Language Lab ➤ Students joining MOOC courses through NPTEL, SWAYAM, edX and Coursera

2. TEACHING, LEARNING AND EVALUATION STUDENT PROGRESSION

2019-2020	2020-2021	2021-2022
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84%

85%

86%



STUDENT PROJECTS

100% of Students to undergo Projects

NO. OF STUDENTS TO PRESENT THEIR PROJECTS FOR AWARDS AND
COMPETITIONS

2019-2020	2020-2021	2021-2022
One	2	3

USE OF EFFECTIVE ICT

% OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM
ETC.



2019-2020	2020-2021	2021-2022
75%	80%	90%

TEACHING QUALITY

NUMBER OF TEACHERS WITH Ph.D

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ PhD Registration – 1 ➤ Pursuing Ph.D – 1 	<ul style="list-style-type: none"> ➤ PhD Registration – 1 ➤ Pursuing Ph.D – 1 	<ul style="list-style-type: none"> ➤ 30% of faculty with Ph.D and additional qualification(s)

TEACHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Refresher – 1 ➤ Orientation –1 ➤ Coursework –1 	<ul style="list-style-type: none"> ➤ Refresher – 2 ➤ Orientation –1 ➤ Coursework –1 ➤ Apply for FDP –1 	<ul style="list-style-type: none"> ➤ Refresher – 3 ➤ Orientation –1 ➤ Coursework -1 ➤ Apply for FDP – 1

TEACHERS PARTICIPATION IN INTERNATIONAL/NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
Every faculty will attend one seminar/workshop	Every faculty will attend one seminar/workshop	Every faculty will attend one seminar/workshop

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022

Group Discussion, Role Play, Test Papers, Quiz, MCQ	Group Discussion, Role Play, Test Papers, Quiz, MCQ	Group Discussion, Role Play, Test Papers, Quiz, MCQ
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RUBRICS/PLANS FOR MEASURING PROGRAMME OUTCOMES

2019-2020	2020-2021	2021-2022
Theoretical and linguistic ability, skill, Effective communication, Completion, Knowledge level and appropriate delivery. Intellectual, social and ethical competence, Self awareness	Completion, Clarity of Points, Ideas conveyed, knowledge level and appropriate delivery, Theoretical and linguistic ability, Argumentative skill, Effective Communication	Completion, Clarity of Points, Ideas conveyed, knowledge level and appropriate delivery, Theoretical and linguistic ability, Argumentative skill, Effective Communication

3. RESEARCH AND PUBLICATIONS

FACULTY TO TAKE UP MINOR PROJECTS FUNDED BY UGC

2019-2020	2020-2021	2021-2022
NIL	10% of the Faculty	10% of the Faculty

PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS ETC.

2019-2020	2020-2021	2021-2022
Publication by Faculty – 3	One Publication per Faculty	One Publication per Faculty

CONSULTANCY & PATENTS

2019-2020	2020-2021	2021-2022

Collaboration with CDPO (Govt.) for Training Anganwady Teachers	Collaboration with CDPO (Govt.) for Training Anganwady Teachers	Collaboration with CDPO (Govt.) for Training Anganwady Teachers
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BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
Book – 1	Books – 2	Books – 2

4. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

2019-2020	2020-2021	2021-2022
Assignments and Research Projects using INFLIBNET	Assignments and Research Projects using INFLIBNET	Assignments and Research Projects using INFLIBNET

E-JOURNALS AND BOOKS

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Subscription of 3 journals ➤ Purchase of new books 	<ul style="list-style-type: none"> ➤ Subscription of 3 journals ➤ Purchase of new books 	<ul style="list-style-type: none"> ➤ Subscription of 3 journals ➤ Purchase of new books

5. STUDENT SUPPORT

CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
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3 Talks by experts per semester	3 Talks by experts per semester	3 Talks by experts per semester
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CAPACITY ENHANCEMENT AND DEVELOPMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Service Teaching - Servey ➤ Leadership skills - Ensalysis ➤ Experiential learning - BETA 	<ul style="list-style-type: none"> ➤ Service Teaching - Servey ➤ Leadership skills - Ensalysis ➤ Experiential learning - BETA 	<ul style="list-style-type: none"> ➤ Service Teaching - Servey ➤ Leadership skills - Ensalysis ➤ Experiential learning - BETA

ALUMNI ENGAGEMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Actively involved in Servey Funding of Ensalysis ➤ Career talks for Juniors ➤ Competitive Exam Orientation Class 	<ul style="list-style-type: none"> ➤ Actively involved in Servey Funding of Ensalysis ➤ Career talks for Juniors ➤ Competitive Exam Orientation Class 	<ul style="list-style-type: none"> ➤ Actively involved in Servey Funding of Ensalysis ➤ Career talks for Juniors ➤ Competitive Exam Orientation Class

FUNDS RAISED & EVENTS ORGANIZED BY ALUMNI

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Funds for Ensalysis 	<ul style="list-style-type: none"> ➤ Funds for Ensalysis 	<ul style="list-style-type: none"> ➤ Funds for Ensalysis

➤ One orientation class for students	➤ One orientation class for students	➤ One orientation class for students
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NUMBER OF ALUMNI MEETS /INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022
2 interactions per year	2 interactions per year	2 interactions per year

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022
65% Of Students opt Higher Education	65% Of Students opt Higher Education	70% Of Students opt Higher Education

INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

2019-2022

- Ensalysis – an Intercollegiate education fest for a cause
- Servee – Service Teaching
- BETA – Business English Training Academy
- Readrack – Providing reading materials and rack to Primary Health Centres
- Book Bank – Collect used textbooks and hand over to less privileged juniors
- Egnature – Maintain a fruit orchard inside the HBC campus
- The English Folio – Annual Departmental Publication
- Introduces major writers and poets through role play and presentations
- Annual enactment of a Shakespeare play for the college & Public

GENDER

EQUALITY

PROGRAMMES

/COUNSELLING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Students actively get involved in the activities of women cell and equal opportunity cell of the college ➤ Gender sensitivity created through discussions and wall magazines GBTQ awareness talk on Article 377 	<ul style="list-style-type: none"> ➤ Students actively get involved in the activities of women cell and equal opportunity cell of the college ➤ A presentation on Gender Equity 	<ul style="list-style-type: none"> ➤ Students actively get involved in the activities of women cell and equal opportunity cell of the college ➤ A presentation on Gender Equity

ENVIRONMENTAL SUSTAINABILITY

2019-2022

Observe Environmental Day every year on June 5th, Research and Projects promoted in Ecocriticism, Egnature – Maintain a fruit orchard in the college, Wall magazine/orientation talk on ecological issues, Inter department competition on environment day, Beach cleaning to create awareness of Environmental ethics – eradicate plastic

PROFESSIONAL ETHICS

2019-2022

- Subject experts for interviews
- Question paper setters and evaluators in autonomous colleges
- Punctual in Academic Programmes – time bound
- Teachers update their knowledge through seminars and refreshers
- Students are mentored and tutored regularly which result in the upward mobility of the results
- Department generates Co-curricular, extra-curricular activities for holistic development
- Faculty maintain Interpersonal skills between students, alumni and peers
- Active participation in campus life for institutional upliftment and student progress

SOCIAL RESPONSIBILITY

2019-2022

- Extension Programmes – BETA & SERVEE, initiated for service Teaching
- Outreach – contribution to the old age homes and Juvenile home as Analsysis initiative
- Readrack – providing reading materials to Primary health centres
- Environment day programmes and maintaining of fruit orchard on the campus
- Beach cleaning in collaboration with Clean FortKochi Foundation





DEPARTMENT OF PHYSICS

1. CURRICULUM DESIGN

INNOVATIVE TEACHING TECHNIQUES

EXPERIENTIAL LEARNING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Usage of audio/video tools of online science academy ➤ Remedial teaching after regular college hours, with the help of senior students ➤ Problem solving – Help students to develop a conceptual framework as well as to develop problem solving skills ➤ Practical oriented – 	<ul style="list-style-type: none"> ➤ Usage of audio/video tools of online science academy ➤ Remedial teaching after regular college hours, with the help of senior students ➤ Visits to science park – Help students experience science in varied, interesting, and enjoyable ways ➤ Storytelling – Teach scientific ways of 	<ul style="list-style-type: none"> ➤ Usage of audio/video tools of online science academy ➤ Remedial teaching after regular college hours, with the help of senior students ➤ Peer to peer group promote student discussion and group activities ➤ Usage of Training kits ➤ Open-source

Activity involve students in their own learning ➤ Project	thinking ➤ Open-source electronic prototyping platform	electronic prototyping platform
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ACADEMIC FLEXIBILITY

2019-2020	2020-2021	2021-2022
2 students will participate in national seminars	2 students will participate in national seminars and present paper in national seminars	2 students will participate in national seminars and present paper in national seminars

CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Five talks by subject experts in an academic year Visit to a mechanical/electronic industry per year ➤ Inclusion of curriculum related project 	<ul style="list-style-type: none"> ➤ Five talks by subject experts in an academic year Visit to a mechanical/electronic industry per year ➤ Introduction of one electronic course ➤ Inclusion of curriculum related project ➤ Add on course in 	<ul style="list-style-type: none"> ➤ Five talks by subject experts in an academic year Visit to a mechanical/electronic industry per year ➤ Inclusion of curriculum related project

	Computer hardware	
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2. TEACHING, LEARNING AND EVALUATION



3. STUDENT PROGRESSION

2019-2020	2020-2021	2021-2022
50%	55%	60%
A student progression of 30% from UG to PG	A student progression of 35% from UG to PG	A student progression of 40% from UG to PG

STUDENT PROJECTS

2019-2020	2020-2021	2021-2022
All students have to do projects in Electronic industries/mechanical industries	All students have to do projects in Electronic industries/mechanical industries	All students have to do projects in Electronic industries/mechanical industries

USE OF EFFECTIVE ICT

% OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM ETC.

2019-2020	2020-2021	2021-2022
30% enhancement in ICT usage in classroom	40% enhancement in ICT usage in classroom	50% enhancement in ICT usage in classroom
	Google Classroom – 10%	Google Classroom – 20%

TEACHING QUALITY

NUMBER OF TEACHERS WITH Ph.D

2019-2020	2020-2021	2021-2022
50% of faculty having research related additional qualification	50% of faculty having research related additional qualification	One to register for Ph.D

TEACHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
One Refresher	One Refresher	One Refresher
One FDP	All the teachers shall do FDP course through NPTEL	All the teachers shall do FDP course through NPTEL
Workshop – 1	Workshop – 1	Workshop – 1
	Short term – 1	Short term – 1

TEACHER PARTICIPATION IN INTERNATIONAL/NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
National Level Academic Science Fest, to be organized	National Level Academic Science Fest, to be organized	National Level Academic Science Fest, to be organized
International – 1	International – 1	International – 1
National – 1	National – 1	National – 1

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ An evaluation of the students' performance immediately after the first internal exam, with all the subject teachers, class teacher and HoD ➤ Computer program development ➤ Measuring students' responses in Classroom ➤ Open-book exam ➤ Written exam, MCQ ➤ Experimental evaluation ➤ Assess student understanding at frequent intervals throughout the learning process ➤ PowerPoint Presentations 	<ul style="list-style-type: none"> ➤ An evaluation of the students' performance immediately after the first internal exam, with all the subject teachers, class teacher and HoD ➤ Computer program development ➤ Measuring students' responses in Classroom ➤ Open-book exam ➤ Written exam, MCQ ➤ Experimental evaluation ➤ Assess student understanding at frequent intervals throughout the learning process ➤ Online exams to train students for competitive exams 	<ul style="list-style-type: none"> ➤ An evaluation of the students' performance immediately after the first internal exam, with all the subject teachers, class teacher and HoD ➤ Computer program development ➤ Measuring students' responses in Classroom ➤ Open-book exam ➤ Written exam, MCQ ➤ Experimental evaluation ➤ Assess student understanding at frequent intervals throughout the learning process ➤ Online exams to train students for competitive exams

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RUBRICS/PLANS FOR MEASURING PROGRAMME OUTCOMES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ PowerPoint development ➤ Knowledge level assessment ➤ Experiential skill 	<ul style="list-style-type: none"> ➤ PowerPoint development ➤ Knowledge level assessment ➤ Experiential skill 	<ul style="list-style-type: none"> ➤ PowerPoint development ➤ Knowledge level assessment ➤ Experiential skill

4. RESEARCH AND PUBLICATIONS

FACULTY TO TAKE UP MINOR PROJECTS FUNDED BY UGC

2019-2020	2020-2021	2021-2022
NIL	One Minor/Major project	One Major project

PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS ETC.

Minimum one research paper per faculty in three years

2019-2020	2020-2021	2021-2022
One paper	Two papers	3 papers

FACULTY AUTHORED BOOKS

2019-2020	2020-2021	2021-2022
NIL	One	One

5. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

2019-2020	2020-2021	2021-2022
Assignments/Research Projects based on referring to the Library	Assignments/Research Projects based on referring to the Library	Assignments/Research Projects based on referring to the Library

E-JOURNALS AND BOOKS

2019-2020	2020-2021	2021-2022
Scientific journals – 1 Books as per the availability of funds	Scientific journals – 2 Books as per the availability of funds	Scientific journals – 2 Books as per the availability of funds

INTRODUCTION

TO

SMART

CLASSROOM

One smart classroom in the Department to be set up in three years

SETTING UP OF AN INSTRUMENTATION ROOM

A well-equipped instrumentation and research lab with facilities to be set up in three years and lab equipments to be purchased

2019-2020	2020-2021	2021-2022
<p>Dielectric Constant Kit- Determination of Dielectric Constant of Solid Samples (Glass, Bakelite and PZT) by parallel plate capacitor</p>	<p>ExpEYES- A tool for learning science by exploring and experimenting. Fiber Optic Apparatus- To measure Numerical Aperture and Acceptance angle of Optical Fiber. Universal B-H Curve Tracer- To study of the hysteresis curves of transformer stampings, ferrites and other magnetic materials of different shapes and determination of their energy losses</p>	<p>Boltzmann Constant Kit- Measurement of Boltzmann's Constant using semiconductor Diode. LED and Laser diode and photodiode Characterization Apparatus- To Study I-V and P-I characteristics of LED and Diode Laser and also to study V-I and response characteristics of photodiode. e/m Experiment Apparatus (Thomson's method)- To measure the Charge to Mass ratio of Electron (e/m)</p>

6. STUDENT SUPPORT CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
Organise one career guidance class per year	Organise one career guidance class per year	Organise one career guidance class per year

CAPACITY ENHANCEMENT AND DEVELOPMENT

2019-2020	2020-2021	2021-2022
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<ul style="list-style-type: none"> ➤ Conducting APT & IAPT exam for students ➤ Soldering training ➤ Serial bulb making training 	<ul style="list-style-type: none"> ➤ Electronic equipment maintenance training, Software installation training, ➤ Conducting APT & IAPT exam for students ➤ Technical writing skill development training 	<ul style="list-style-type: none"> ➤ Technical writing skill development training ➤ LED making training ➤ Soldering training
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FUNDS RAISED & EVENTS ORGANIZED BY ALUMNI

2019-2020	2020-2021	2021-2022
Donation of wheelchair to our college by 2011-2012 Batch students	<ul style="list-style-type: none"> ➤ Expected to collect an amount of Rs. 10,000 from our alumni ➤ Our Alumni who are the faculties in other institutions taking Refresher Courses to our students 	<ul style="list-style-type: none"> ➤ Expected to collect an amount of Rs. 10,000 from our alumni ➤ Our Alumni who are the faculties in other institutions taking Refresher Courses to our students

NUMBER OF ALUMNI MEETS / INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022

One alumni meet per semester, Introduce scholarships sponsored by Alumni	One alumni meet per semester, Introduce scholarships sponsored by Alumni	One alumni meet per semester, Introduce scholarships sponsored by Alumni
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HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Those who are not going for higher studies will be given opportunities to get placed in reputed companies ➤ Students opt for higher education 	<ul style="list-style-type: none"> ➤ Those who are not going for higher studies will be given opportunities to get placed in reputed companies ➤ Students opt for higher education 	<ul style="list-style-type: none"> ➤ Those who are not going for higher studies will be given opportunities to get placed in reputed companies ➤ Students opt for higher education

7. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

2019-2020	2020-2021	2021-2022

<ul style="list-style-type: none"> ➤ Nobel Prize Lecture ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Science exhibition to school students 	<ul style="list-style-type: none"> ➤ Nobel Prize Lecture ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Remembrance of important days ➤ Computer literacy program to adults 	<ul style="list-style-type: none"> ➤ Nobel Prize Lecture ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Science exhibition to school students
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GENDER EQUITY PROGRAMMES/COUNSELLING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell 	<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell 	<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell

ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022

<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to introduce microanalysis ➤ Energy Conservation Day 2021 	<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to introduce microanalysis ➤ Energy Conservation Day 2022 ➤ Celebrating Water Day 2022 ➤ Remembrance of Hiroshima Day ➤ Pollution Awareness Week 	<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to introduce microanalysis ➤ Energy Conservation Day 2023 ➤ Pollution Awareness Week
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PROFESSIONAL ETHICS

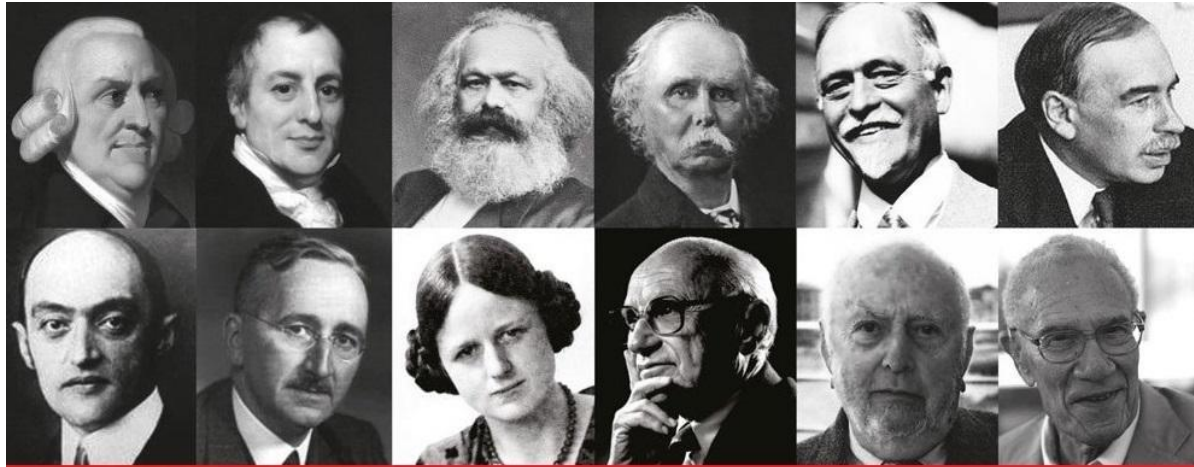
2019-2020	2020-2021	2021-2022
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<ul style="list-style-type: none"> ➤ Punctuality in Academic activities (Exam & Evaluation) ➤ Teachers always updating their knowledge through newer technologies ➤ Strict attendance results in their academic performance ➤ Department regularly conducting extra-curricular activities to promote students' overall personal development 	<ul style="list-style-type: none"> ➤ Punctuality in Academic activities (Exam & Evaluation) ➤ Teachers always updating their knowledge through newer technologies ➤ Strict attendance results in their academic performance ➤ Department regularly conducting extra-curricular activities to promote students' overall personal development 	<ul style="list-style-type: none"> ➤ Punctuality in Academic activities (Exam & Evaluation) ➤ Teachers always updating their knowledge through newer technologies ➤ Strict attendance results in their academic performance ➤ Department regularly conducting extra-curricular activities to promote students' overall personal development
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SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022
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<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Debate competition – relevant topic, Charity visit ➤ Computer literacy program to Adults every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness 	<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Debate competition – relevant topic, Charity visit ➤ Computer literacy program to Adults every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ LED making training to Kudumbasree 	<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Debate competition – relevant topic, Charity visit ➤ Computer literacy program to Adults every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ Emergency Lamp/LED making training to Kudumbasree
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DEPARTMENT OF  **ECONOMICS**



€ EU: Euro	\$ US: Dollar	¥ China: Yuan	¥ Japan: Yen	R\$ Brazil: Real	C\$ Canada: Dollar	₽ Russia: Rouble	₹ India: Rupee
DM Germany: Deutsche Mark	Fr France: Franc	£ UK: Pound	₣ Italy: Lira	₧ Spain: Peseta	A\$ Australia: Dollar	Mex\$ Mexico: Peso	₩ South Korea: Won
R\$ Brazil: Real	C\$ Canada: Dollar	₽ Russia: Rouble	₹ India: Rupee	f Netherlands: Guilder	TL Turkey: Lira	Rp Indonesia: Rupiah	SFr Switzerland: Franc

1. CURRICULUM DESIGN

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Introduction of Flipped classroom models: 10% ➤ Industry Linked Learning Models: 10% ➤ Introduction of outreach programmes: 10% 	<ul style="list-style-type: none"> ➤ Introduction of Flipped classroom models: 20% ➤ Industry Linked Learning Models: 20% ➤ Introduction of outreach programmes: 10% 	<ul style="list-style-type: none"> ➤ Introduction of Flipped classroom models: 20% ➤ Industry Linked Learning Models: 30% ➤ Introduction of outreach programmes: 10%

CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Five talks and interaction sessions by external experts ➤ Panel Discussion on Union and State Budgets ➤ International, National and Regional Seminar on various relevant topics 	<ul style="list-style-type: none"> ➤ Five talks and interaction sessions by external experts ➤ Panel Discussion on Union and State Budgets ➤ International, National and Regional Seminar on various relevant topics 	<ul style="list-style-type: none"> ➤ Five talks and interaction sessions by external experts ➤ Panel Discussion on Union and State Budgets ➤ International, National and Regional Seminar on various relevant topics

2. TEACHING, LEARNING AND EVALUATION

STUDENT

PROGRESSION

2019-2020	2020-2021	2021-2022
65%	70%	75%

STUDENT PROJECTS

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Projects oriented papers will be published on referred/UGC listed journals: 10% Project oriented Paper presentation in national and regional conference/seminars : 10% ➤ Focus on the project outcome 	<ul style="list-style-type: none"> ➤ Projects oriented papers will be published on referred/UGC listed journals: 12% Project oriented Paper presentation in national and regional conference/seminars : 12% ➤ Focus on the project outcome 	<ul style="list-style-type: none"> ➤ Projects oriented papers will be published on referred/UGC listed journals: 15% Project oriented Paper presentation in national and regional conference/seminars : 15% ➤ Focus on the project outcome

USE OF EFFECTIVE ICT

% OF STUDENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM ETC.

2019-2020	2020-2021	2021-2022
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30% of learning aid in soft form	40% of learning aid in soft form	50% of learning aid in soft form
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TECAHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
One Orientation Programme	One Refresher Programme	Three Programmes

TEACHER PARTICIPATION IN INTERNATIONAL/NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
1 National 1 International	2 National 1 International	2 National 1 International

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ 50% -power point presentation ➤ Assignment ➤ One Open book exam ➤ Entry level tests 	<ul style="list-style-type: none"> ➤ 75% -power point presentation ➤ Assignment ➤ One Open book exam ➤ Entry level tests 	<ul style="list-style-type: none"> ➤ 100% -power point presentation ➤ Assignment ➤ One Open book exam ➤ Entry level tests

3. RESEARCH AND PUBLICATIONS

FACULTY TO TAKE UP FUNDED PROJECTS

2019-2020	2020-2021	2021-2022
One	One	One

PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS, ETC.

2019-2020	2020-2021	2021-2022
One	One	One

INDUSTRY ACADEMIA COLLABORATION

2019-2020	2020-2021	2021-2022
One	One	One

CONSULTANCY & PATENT

2019-2020	2020-2021	2021-2022
One	One	One

BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
		One

BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
		One

4. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

2019-2020	2020-2021	2021-2022
100% library linked assignments	100% library linked assignments	100% library linked assignments
1 Library hour per week	1 Library hour per week	1 Library hour per week

E-JOURNALS AND BOOKS

2019-2020	2020-2021	2021-2022
Subscription of EPW	Subscription of EPW	Subscription of EPW
Subscription of Economic Times	Subscription of Economic Times	Subscription of Economic Times

5. STUDENT SUPPORT

CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
2 Sessions on Career Counselling by External Experts	2 Sessions on Career Counselling by External Experts	2 Sessions on Career Counselling by External Experts
Participation in the placement training held on the Campus and other nearby campus	Participation in the placement training held on the Campus and other nearby campus	Participation in the placement training held on the Campus and other nearby campus

CAPACITY ENHANCEMENT AND DEVELOPMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none">➤ 1 Association Meeting in a year➤ 1 Soft Skill Training Programme	<ul style="list-style-type: none">➤ 1 Association Meeting in a year➤ 1 Soft Skill Training Programme	<ul style="list-style-type: none">➤ 1 Association Meeting in a year➤ 1 Soft Skill Training Programme

ALUMNI ENGAGEMENT

2019-2020	2020-2021	2021-2022
One Alumni Engagement along with Department of History	One Alumni Engagement along with Department of History	One Alumni Engagement along with Department of History

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022
10% students in India's reputed campuses 5% will get campus placements	20% students in India's reputed campuses 5% will get campus placements	30% students in India's reputed campuses 5% will get campus placements

- NET/SET/Civil Services/UPSC Examinations
- Conduct Civil service Orientation and Foundation programmes

6. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

- Department

Manuscript

- Entrepreneurship Fests

GENDER EQUALITY PROGRAMMES/COUNSELLING

2019-2020	2020-2021	2021-2022
Conduct awareness classes about women's rights and labour laws by efficient law practitioners	Conduct awareness classes about women's rights and labour laws by efficient law practitioners	Conduct awareness classes about women's rights and labour laws by efficient law practitioners

ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Participation in Zero Waste Campus ➤ Environmental Sensitive Programmes 	<ul style="list-style-type: none"> ➤ Participation in Zero Waste Campus ➤ Environmental Sensitive Programmes 	<ul style="list-style-type: none"> ➤ Participation in Zero Waste Campus ➤ Environmental Sensitive Programmes

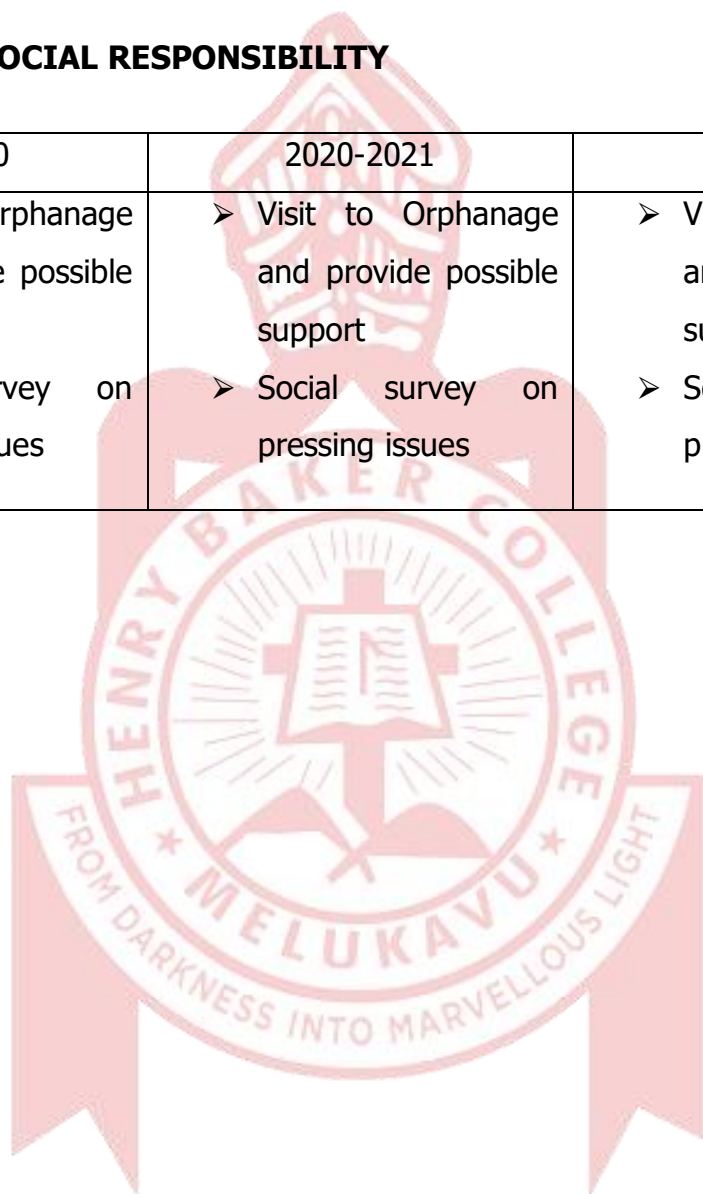
PROFESSIONAL ETHICS

2019-2020	2020-2021	2021-2022

Value Programme	Orientation	Value Programme	Orientation	Value Programme	Orientation
		Tedx Talks		Tedx Talks	

SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Visit to Orphanage and provide possible support ➤ Social survey on pressing issues 	<ul style="list-style-type: none"> ➤ Visit to Orphanage and provide possible support ➤ Social survey on pressing issues 	<ul style="list-style-type: none"> ➤ Visit to Orphanage and provide possible support ➤ Social survey on pressing issues





DEPARTMENT OF HINDI

1. CURRICULUM DESIGN

INNOVATIVE TEACHING TECHNIQUES

Enhance digital learning and expert teaching through innovative teaching techniques

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Introduce one new teaching learning technique ➤ A workshop on Communication Skills in Hindi ➤ A talk on Scope of Hindi in a country like India 	<ul style="list-style-type: none"> ➤ Introduce one new teaching learning technique ➤ Certificate course on Translation, Journalism and Secretarial Practice 	<ul style="list-style-type: none"> ➤ Introduce one new teaching learning technique ➤ Digital learning in Hindi

2. TEACHING, LEARNING AND EVALUATION

USE

OF

EFFECTIVE

ICT

2019-2020	2020-2021	2021-2022
30%	35%	40%

TEACHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
Short term courses	Refresher Course	Workshop
A day regional seminar	National Seminar	National Seminar

TEACHER PARTICIPATION IN INTERNATIONAL/NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
1 National Programme	1 National Programme	1 International Programme

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
Test Papers, Quiz, MCQ	Refresher Course	Workshop
Short term courses	National Seminar	National Seminar

RUBRICS/PLANS FOR MEASURING PROGRAMME OUTCOMES

2019-2020	2020-2021	2021-2022
5% of courses to have new evaluation methods	5% of courses to have new evaluation methods	5% of courses to have new evaluation methods

3. RESEARCH AND PUBLICATIONS

FACULTY TO TAKE UP MINOR PROJECTS FUNDED EXTERNALLY

2019-2020	2020-2021	2021-2022
Identifying and contacting various organizations	Identifying and contacting various organizations	1 Extremely funded project

PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS ETC.

2019-2020	2020-2021	2021-2022
1 Publication	1 Publication	1 Publication

BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
		Translation of 1 book

BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
		Translation of 1 book

4. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

Enhancement of library usage through assignments

2019-2020	2020-2021	2021-2022
20%	20%	20%

ALUMNI

ENGAGEMENT

2019-2020	2020-2021	2021-2022
1 Programme with alumni	1 Programme with alumni	1 Programme with alumni

5. INSTITUTIONAL VALUES & BEST PRACTICES

GENDER EQUITY PROGRAMMES/COUNSELLING

To create cultural consciousness and respect for each other

2019-2020	2020-2021	2021-2022
Panel discussion	Panel discussion Skit	Panel discussion Drama

PROFESSIONAL ETHICS

To engage student discussion on issues such as professional behavior, respecting public and private space etc. For this various programmes may be conducted.



DEPARTMENT OF MALAYALAM

1. CURRICULUM DESIGN

INNOVATIVE TEACHING TECHNIQUES

EXPERIENTIAL LEARNING

2019-2020	2020-2021	2021-2022
New techniques 40%	New techniques 40%	New techniques 40%
Media Writing	Media Writing	News Reporting News Reading Anchoring

ACADEMIC FLEXIBILITY

No. students who will participate and present papers in National International Seminars:

2019-2020	2020-2021	2021-2022
5 Students	6 Students	7 Students

CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
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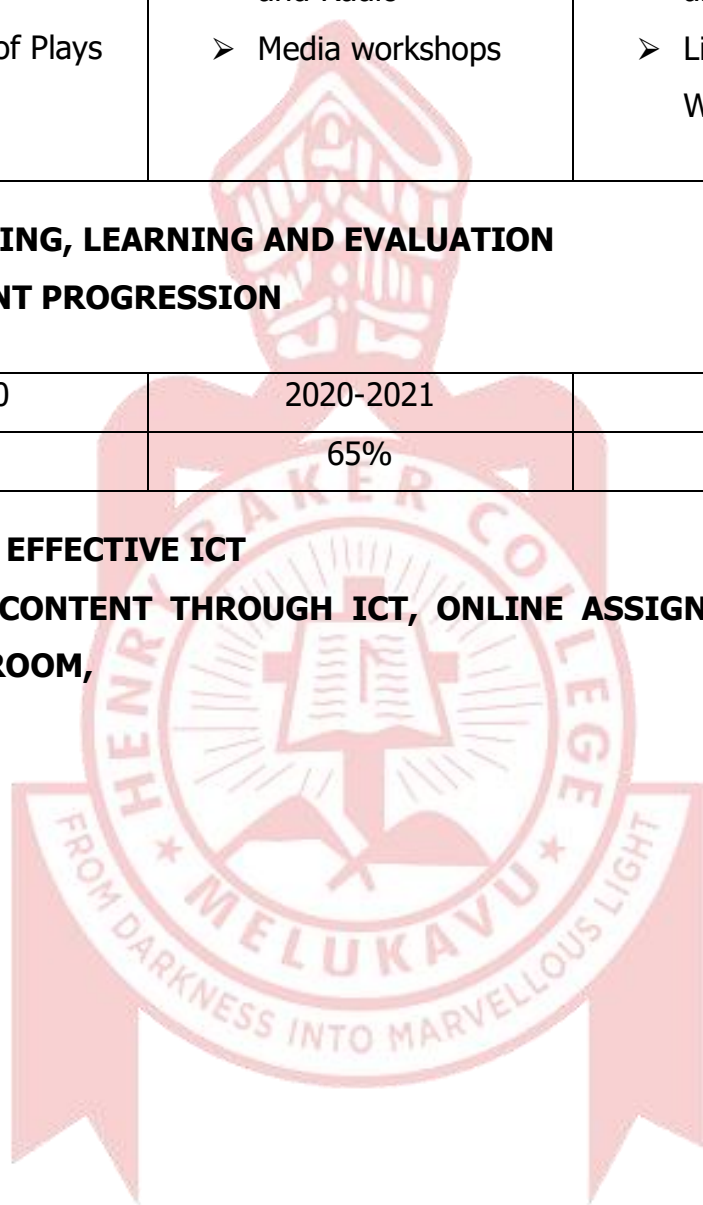
<ul style="list-style-type: none"> ➤ Add on Course in "Broadcast content development for TV and Radio" ➤ Enactment of Plays 	<ul style="list-style-type: none"> ➤ Add on Course in "Broadcast content development for TV and Radio" ➤ Media workshops 	<ul style="list-style-type: none"> ➤ Add on Course in "Broadcast content development for TV and Radio" ➤ Literary and Media Workshops
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**2. TEACHING, LEARNING AND EVALUATION
STUDENT PROGRESSION**

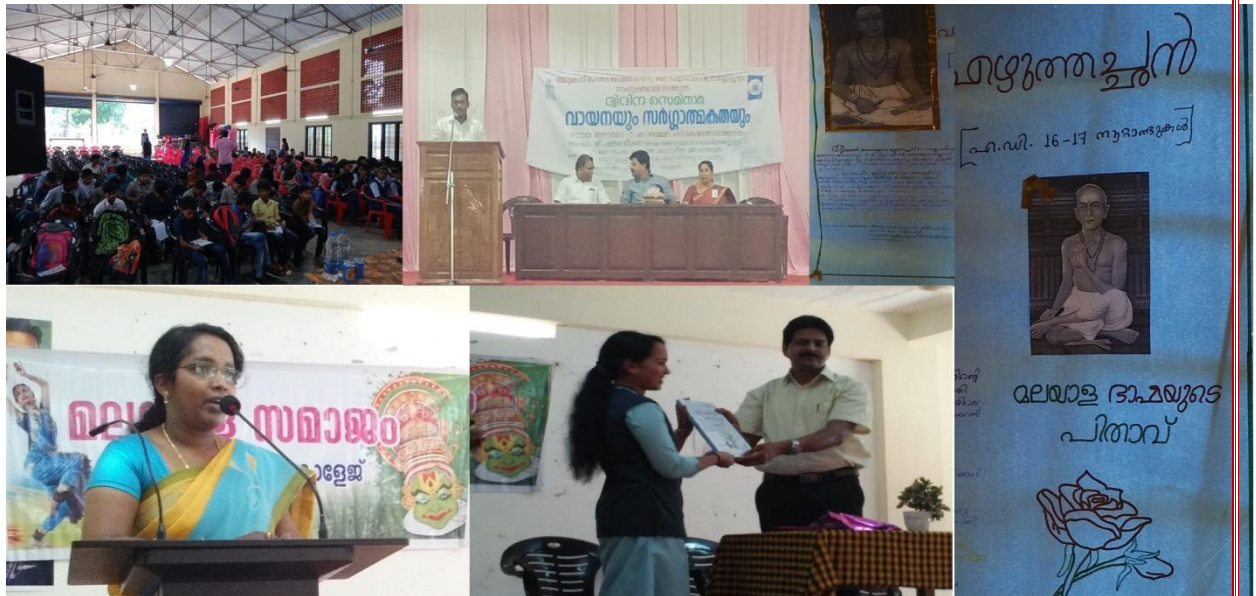
2019-2020	2020-2021	2021-2022
60%	65%	75%

USE OF EFFECTIVE ICT

% OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM, ETC.



2019-2020	2020-2021	2021-2022
30%	40%	50%



**TEACHING QUALITY
NUMBER OF TEACHERS WITH Ph.D**

2019-2020	2020-2021	2021-2022
100% the faculty with Ph.D	100% the faculty with Ph.D	100% the faculty with Ph.D

TEACHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
A faculty will attend Refresher/Orientation Programmes	A faculty will attend FDP	A faculty will attend FDP

TEACHER PARTICIPATION IN INTERNATIONAL /NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
A Faculty will attend seminar/workshop	A Faculty will attend seminar/workshop	A Faculty will attend seminar/workshop

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
Group Discussion, Role Play, Test Papers, Assignments, Quiz, MCQ	Group Discussion, Role Play, Test Papers, Assignments, Quiz, MCQ	Group Discussion, Role Play, Test Papers, Assignments, Quiz, MCQ

RUBRICS/PLANS FOR MEASURING PROGRAMME OUTCOMES

2019-2020	2020-2021	2021-2022
Completion, Clarity of Points, Ideas conveyed, Knowledge level and appropriate delivery, Writing Skill Assessment, Measuring graduate outcome (based on % of Marks awarded in Malayalam) every year and improve it	Completion, Clarity of Points, Ideas conveyed, Knowledge level and appropriate delivery, Writing Skill Assessment, Measuring graduate outcome (based on % of Marks awarded in Malayalam) every year and improve it	Completion, Clarity of Points, Ideas conveyed, Knowledge level and appropriate delivery, Writing Skill Assessment, Measuring graduate outcome (based on % of Marks awarded in Malayalam) every year and improve it

3. RESEARCH AND PUBLICATIONS PROJECTS

2019-2020	2020-2021	2021-2022

With the help of Kerala Sahithya Academy, we will do research	With the help of Kerala Folklore Academy, we will do research	With the help of Kerala Chalachitra Academy, we will do research
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PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS, ETC.

2019-2020	2020-2021	2021-2022
One publication per faculty	One publication per faculty	One publication per faculty

INDUSTRY, ACADEMIA COLLABORATION

2019-2020	2020-2021	2021-2022
Collaboration with All India Radio (AIR)	MoU with Media Institutions	MoU with Ad Agencies

CONSULTANCY & PATENTS

2019-2020	2020-2021	2021-2022
A faculty is a consultant with many media institutions	A faculty is a consultant with many media institutions	A faculty is a consultant with many media institutions

BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
0	0	1

4. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

2019-2020	2020-2021	2021-2022
Giving training for doing Assignments and Research projects using INFLIBNET	Giving training for doing Assignments and Research projects using INFLIBNET	Giving training for doing Assignments and Research projects using INFLIBNET

E-JOURNALS AND BOOKS

2019-2020	2020-2021	2021-2022
Subscription of 4 Journals	Subscription of 4 Journals	Subscription of 4 Journals

5. STUDENT SUPPORT

CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
Classes by media persons	Classes by Copywriters	Classes by Ad Agencies and on Animation Web

CAPACITY ENHANCEMENT AND DEVELOPMENT

2019-2020	2020-2021	2021-2022
Computer knowledge Enhancement Skill Enhancement	Communication Anchoring RJ	News Reading and Skill Enhancement

ALUMNI

ENGAGEMENT

2019-2020	2020-2021	2021-2022
One programme for Alumni Orientation talks by Alumni	One Programme for Alumni	One Programme for Alumni

FUNDS RAISED & EVENTS ORGANIZED BY ALUMNI

2019-2020	2020-2021	2021-2022
Raise Fund with the help of Alumni	Raise Fund with the help of Alumni	Raise Fund with the help of Alumni

NUMBER OF ALUMNI MEETS /INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022
1 interaction per year	1 interaction per year	1 interaction per year

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022
Give training to get placed in Various Media Institutions Give Guidance for Higher Education	Give training to get placed in Various Ad Institutions Give Guidance for Higher Education	Give training to get placed in Various Ad Institutions Give Guidance for Higher Education



Coaching for Competitive Examinations

2019-2020	2020-2021	2021-2022
Coaching for Media Entrance Exams	Coaching for Media Entrance Exams	Coaching for Media Entrance Exams

6. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

2019-2020	2020-2021	2021-2022

<ul style="list-style-type: none"> ➤ BOUGAINVILLEA Newspaper ➤ GULMOHAR Magazine 	<ul style="list-style-type: none"> ➤ BOUGAINVILLEA Newspaper ➤ GULMOHAR Magazine ➤ MASTER CLASS (Document the classes of famous literary persons and master teachers) 	<ul style="list-style-type: none"> ➤ BOUGAINVILLEA Newspaper ➤ GULMOHAR Magazine ➤ KABANI Bimonthly periodical ➤ MASTER CLASS (Document the classes of famous literary persons and master teachers)
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GENDER EQUALITY PROGRAMMES/COUNSELLING

2019-2020	2020-2021	2021-2022
Orientation Programme on gender equity	Gender Equality Awareness Campaign	Group Discussion with transgenders

ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Observe Environmental Day every year on June 5th ➤ Conduct Basheer Anusmaranam (One of the environmentalists) 	<ul style="list-style-type: none"> ➤ Observe Environmental Day every year on June 5th ➤ A talk on "Madhuras Gayathi": a famous ecological novel of writer O V Vijayan 	<ul style="list-style-type: none"> ➤ Observe Environmental Day every year on June 5th ➤ A talk on Enmakaje (The Novel narrates the life of endosulfan victims of Kasargod)

and writer in Malayalam)		– a famous ecological novel of writer Ambikasudan Managd
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PROFESSIONAL

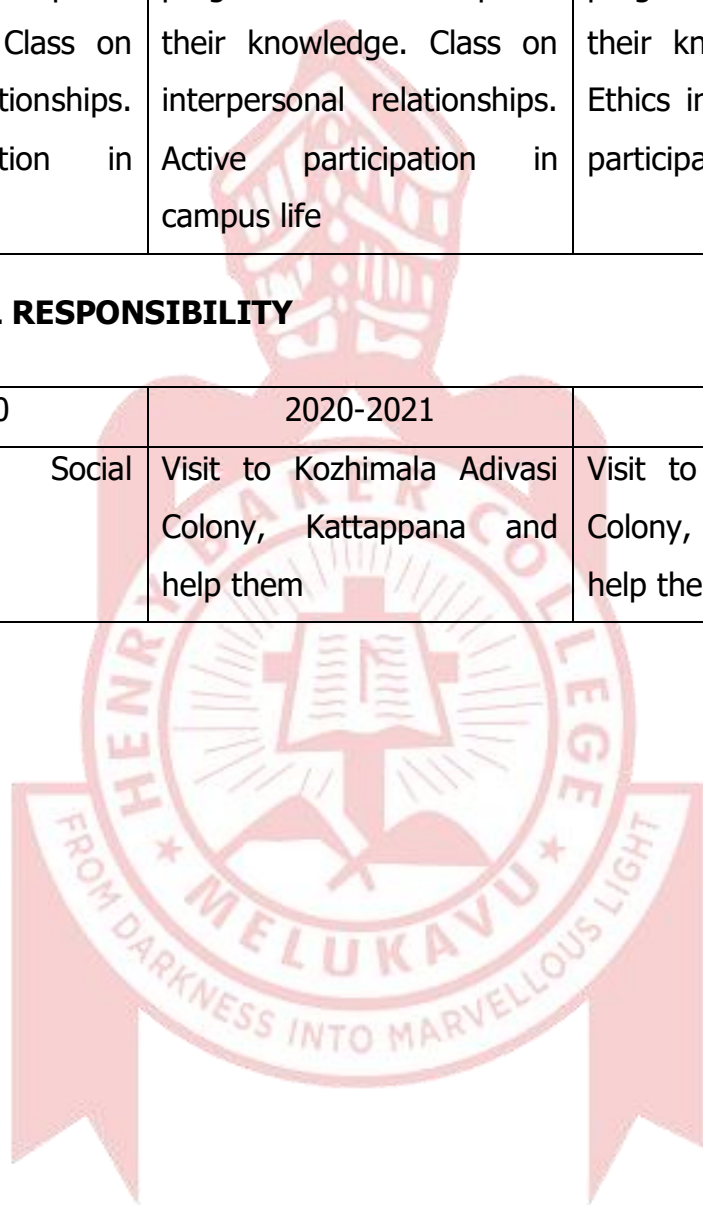
ETHICS



2019-2020	2020-2021	2021-2022
Time bound classes and programs. Teachers update their knowledge. Class on interpersonal relationships. Active participation in campus life	Time bound classes and programs. Teachers update their knowledge. Class on interpersonal relationships. Active participation in campus life	Time bound classes and programs. Teachers update their knowledge. Class on Ethics in journalism. Active participation in campus life

SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022
Class on Social Commitment	Visit to Kozhimala Adivasi Colony, Kattappana and help them	Visit to Kozhimala Adivasi Colony, Kattappana and help them





DEPARTMENT OF PHYSICAL EDUCATION



Proposal for 2019 – 2022 Academic Year

- New Cricket Pitch
- Indoor Sports Complex
- Concrete Basketball Court

- New Running Track in the ground







Proposals of Department of Physical Education

- Setting of Sports Academy/ Club for Cricket, Chess, Football and Basketball
- Providing Scholarships and Cash Awards for Sports Students
- Outgoing students to be trained as coaches and giving them placements

Academic Social Responsibility of Department of Physical Education

2019-2020	2020-2021	2021-2022
Motivational Classes on Sports and Games by HBC athletes to school children	➤ The physical education trainer will participate one MOOC Course on health and/or Vitamins and also take the same class to school children and HBC students as	➤ The physical education trainer will join one FDP Course through SWAYAM on any specific physical education related courses and also provide the same course to HBC

	<p>a Certificate Course of at least 7 days duration</p> <ul style="list-style-type: none">➤ HBC athletes will engage in Campus Clean Drive	<p>students as a Certificate Course of at least 14 days duration</p> <ul style="list-style-type: none">➤ HBC athletes will engage in Campus Clean Drive
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Sports Events to be conducted every year from 2020-21

1. Coaching camps for Football, Cricket and Basketball (Men and Women)
2. M G University Inter Collegiate Shuttle Badminton Tournament
3. Intra Mural Cricket, Football, Shuttle Badminton and Chess Tournaments
4. Annual Sports Day
5. H.B.C Trophy Inter Collegiate Shuttle Badminton Tournament
6. Prof. Arbey Varghese Memorial Women's Basketball Tournament
7. Bishop Michael John Memorial Inter Collegiate Football Tournament
8. Inter Diocesan Affiliated Colleges' Tournaments in Cricket, Football and Shuttle Badminton
9. Summer Coaching Camp for 5-15 Year students in Cricket, Football and Basketball



**HENRY BAKER COLLEGE, MELUKAVU
DEPARTMENT OF TOURISM**



Our Motto

Gather and Learn for Professional Excellence

**Admission
Open**

Programs

- Destination Visit
- Travel Agency Training
- Hospitality Training
- Projects
- National Tour
- Tourism Fest

Our Features

- Ideal Student - Teacher Ratio
- Activity Based Integrated Curriculum
- One to One Extra Help Session
- Advance diploma and certificate will be given at the end of each year

Our Facilities

- Interactive classroom
- Multimedia Support
- Computer Lab
- Online Library Facilities



Call Us

0482 219014
95626 98413
85476 72321



hbcprincipal@gmail.com
principal@henrybakercollege.edu.in



www.hbcdots.com

1. CURRICULUM DESIGN

INNOVATIVE TEACHING TECHNIQUES

EXPERIENTIAL LEARNING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Internships in hotels 20% ➤ Problem based learning ➤ Cooperative Learning 	<ul style="list-style-type: none"> ➤ Internships in hotels 20% ➤ Problem based learning ➤ Cooperative Learning ➤ Instructional educational tours 	<ul style="list-style-type: none"> ➤ Internships in hotels 20% ➤ Problem based learning ➤ Cooperative Learning ➤ Instructional educational tours ➤ Project based learning and living labs

ACADEMIC FLEXIBILITY

Number of students who will participate and present papers in National International Seminars:

2019-2020	2020-2021	2021-2022
2 Students	3 Students	4 Students

CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Add on Course in "Medical Tourism" ➤ Remote Residential Visits ➤ Career guidance ➤ Residential Experiments 	<ul style="list-style-type: none"> ➤ Add on Course in "Medical Tourism" ➤ Remote Residential Visits ➤ Career guidance ➤ Residential Experiments 	<ul style="list-style-type: none"> ➤ Add on Course in "Medical Tourism" ➤ Remote Residential Visits ➤ Career guidance ➤ Residential Experiments

2. TEACHING, LEARNING AND EVALUATION
STUDENT PROGRESSION

2019-2020	2020-2021	2021-2022
50%	55%	60%

STUDENT PROJECTS/ASSIGNMENTS

All students to do Projects in different Travel Agencies in Kottayam

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ All students to do travel and tourism related projects/assignments ➤ Good projects/assignments may be published 	<ul style="list-style-type: none"> ➤ All students to do travel and tourism related projects/assignments ➤ Best projects/assignments Award ➤ Good projects/assignments may be published 	<ul style="list-style-type: none"> ➤ All students to do travel and tourism related projects/assignments ➤ Best projects/assignments Award

USE OF EFFECTIVE ICT

% OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM, ETC.

2019-2020	2020-2021	2021-2022
30%	40%	50%



**TEACHING QUALITY
TEACHERS GOING FOR FDP PROGRAMMES**

2019-2020	2020-2021	2021-2022
All faculties will do FDP through NPTEL	<ul style="list-style-type: none"> ➤ All faculties will do FDP through NPTEL ➤ A teacher will do a short term course of Travel and Tourism through IATA 	<ul style="list-style-type: none"> ➤ All faculties will do FDP through NPTEL ➤ A teacher will do a short term course of Travel and Tourism through IATA

TEACHER PARTICIPATION IN INTERNATIONAL /NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
A Faculty will attend seminar/workshop	A Faculty will attend seminar/workshop	A Faculty will attend seminar/workshop

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
Group Discussion, Test Papers, Assignments, Quiz, MCQ	Group Discussion, Test Papers, Assignments, Quiz, MCQ	Group Discussion, Test Papers, Assignments, Quiz, MCQ

RUBRICS/PLANS FOR MEASURING PROGRAMME OUTCOMES

2019-2020	2020-2021	2021-2022
Knowledge level and Measuring graduate outcome (based on % of Marks awarded in respective courses) every	Knowledge level and Measuring graduate outcome (based on % of Marks awarded in respective courses)) every	Knowledge level and Measuring graduate outcome (based on % of Marks awarded in respective courses)) every

year and improve it	year and improve it	year and improve it
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PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS, ETC.

2019-2020	2020-2021	2021-2022
One publication per faculty	One publication per faculty	One publication per faculty

INDUSTRY, ACADEMIA COLLABORATION

2019-2020	2020-2021	2021-2022
Collaboration with Various Tour Operators and Tourism promotional institutions and agencies	Collaboration with Various Tour Operators and Tourism promotional institutions and agencies	Collaboration with Various Tour Operators and Tourism promotional institutions and agencies

CONSULTANCY

2019-2020	2020-2021	2021-2022
NIL	A faculty is a consultant with many tourism promotional institutions	A faculty is a consultant with many tourism promotional institutions

BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
A faculty will publish a Chapter in a book	A faculty will publish a book on tourism	Two faculties will publish two books on tourism

3. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

2019-2020	2020-2021	2021-2022

Giving training for doing Assignments and Research projects using INFLIBNET	Giving training for doing Assignments and Research projects using INFLIBNET	Giving training for doing Assignments and Research projects using INFLIBNET
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E-JOURNALS AND BOOKS

2019-2020	2020-2021	2021-2022
Subscription of two Journals	Subscription of two Journals	Subscription of three Journals

4. STUDENT SUPPORT

CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
Classes by tourism promotional personnel	Classes by tourism promotional personnel	Classes by tourism promotional personnel

CAPACITY ENHANCEMENT AND DEVELOPMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Computer knowledge Enhancement ➤ Skill Enhancement programs ➤ 3 Students will do short term courses of NPTEL SWAYAM 	<ul style="list-style-type: none"> ➤ Computer knowledge Enhancement ➤ Skill Enhancement programs ➤ 5 Students will do short term courses of NPTEL SWAYAM 	<ul style="list-style-type: none"> ➤ Computer knowledge Enhancement ➤ Skill Enhancement programs ➤ 7 Students will do short term courses of NPTEL SWAYAM

ALUMNI ENGAGEMENT

2019-2020	2020-2021	2021-2022
NIL	One Programme for Alumni	One Programme for Alumni

FUNDS RAISED & EVENTS ORGANIZED BY ALUMNI

2019-2020	2020-2021	2021-2022
NIL	Raise Fund with the help of Alumni	Raise Fund with the help of Alumni

NUMBER OF ALUMNI MEETS /INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022
NIL	1 interaction per year	1 interaction per year

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022
Give training to get placed in Various Tour Operators Institutions & Give Guidance for Higher Education	Give training to get placed in Various Tour Operators Institutions & Give Guidance for Higher Education	Give training to get placed in Various Tour Operators Institutions & Give Guidance for Higher Education

Coaching for Competitive Examinations

2019-2020	2020-2021	2021-2022
Coaching for AITA Entrance Exams	Coaching for AITA Entrance Exams	Coaching for AITA Entrance Exams

5. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

2019-2020	2020-2021	2021-2022
TOURMAN Magazine	<ul style="list-style-type: none"> ➤ TOURMAN Magazine ➤ MASTER CLASS (Documentation of Tourism Events through the assistance of master teachers) 	<ul style="list-style-type: none"> ➤ TOURMAN Magazine ➤ MASTER CLASS (Documentation of Tourism Events through the assistance of master teachers)

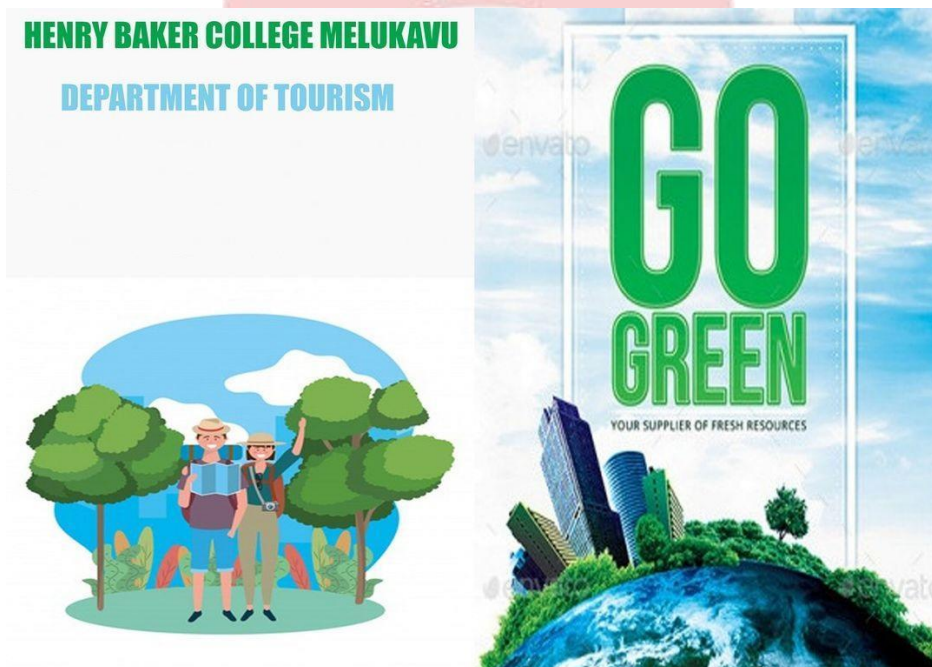
GENDER EQUALITY PROGRAMMES/COUNSELLING

2019-2020	2020-2021	2021-2022
Gender Equality Awareness Campaign	<ul style="list-style-type: none"> ➤ Gender Equality Awareness Campaign ➤ Group Discussion with Foreign Tourists on the subject "Gender Equality in Tourism" 	Group Discussion with Foreign Tourists on the subject "Gender Equality in Tourism"

ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Observe Environmental Day every year on June 5th ➤ Organize environmental 	<ul style="list-style-type: none"> ➤ Observe Environmental Day every year on June 5th ➤ Organize environmental 	<ul style="list-style-type: none"> ➤ Observe Environmental Day every year on June 5th ➤ Organize environmental

<p>friendly tourism activities through the participation of our students</p> <ul style="list-style-type: none"> ➤ Inculcating our students the values of sustainable tourism ➤ Classes on the conservation of natural environment 	<p>friendly tourism activities through the participation of our students</p> <ul style="list-style-type: none"> ➤ Inculcating our students the values of sustainable tourism ➤ Classes on the conservation of natural environment 	<p>friendly tourism activities through the participation of our students</p> <ul style="list-style-type: none"> ➤ Inculcating our students the values of sustainable tourism ➤ Classes on the conservation of natural environment
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PROFESSIONAL ETHICS

2019-2020	2020-2021	2021-2022
Time bound classes and enjoy campus life through students' promotional	Time bound classes and enjoy campus life through students' promotional	Time bound classes and enjoy campus life through students' promotional

programs; Teachers update their knowledge by joining FDP courses on tourism through NPTEL; Class on Global Code of Ethics for Tourism	programs; Teachers update their knowledge by joining FDP courses on tourism through NPTEL; Class on Global Code of Ethics for Tourism	programs; Teachers update their knowledge by joining FDP courses on tourism through NPTEL; Class on Global Code of Ethics for Tourism
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SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022
<p>Promotion of Tourism Social Responsibility (TSR) among the students whereby students integrate social and environmental concerns in their curriculum, and develop strategies and operations in their interaction with tourism related stakeholders</p>	<p>➤ Promotion of Tourism Social Responsibility (TSR) among the students whereby students integrate social and environmental concerns in their curriculum, and develop strategies and operations in their interaction with tourism related stakeholders</p> <p>➤ Students will prepare and publish TSR articles in our magazine TOURMAN</p>	<p>➤ Promotion of Tourism Social Responsibility (TSR) among the students whereby students integrate social and environmental concerns in their curriculum, and develop strategies and operations in their interaction with tourism related stakeholders</p> <p>➤ Students will prepare and publish TSR articles in our magazine TOURMAN</p>



DEPARTMENT OF CHEMISTRY

1. CURRICULUM DESIGN

INNOVATIVE TEACHING TECHNIQUES

EXPERIENTIAL LEARNING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Remedial coaching ➤ Problem solving & Analytical Knowledge ➤ Chemistry 298 Independent Study ➤ Practical oriented – Activity (Experimental Work) 	<ul style="list-style-type: none"> ➤ Remedial coaching ➤ Problem solving & Analytical Knowledge ➤ Chemistry 298 Independent Study ➤ Practical oriented – Activity (Experimental Work) 	<ul style="list-style-type: none"> ➤ Remedial coaching ➤ Problem solving & Analytical Knowledge ➤ Chemistry 298 Independent Study ➤ Practical oriented – Activity (Experimental Work)

➤ Project (Library research work)	➤ Project (Library research work)	➤ Project (Library research work)
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ACADEMIC FLEXIBILITY

2019-2020	2020-2021	2021-2022
NIL	1 student will participate in national seminars and present paper in national seminars	2 students will participate in national seminars and present paper in national seminars

CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ One talk by subject experts in an academic year with respect to new possibilities of Chemical Sciences ➤ Experimental Chemistry Competitions ➤ Providing Science enrichment opportunities ➤ One Student pursuing NPTEL 	<ul style="list-style-type: none"> ➤ One talk by subject experts in an academic year with respect to new possibilities of Chemical Sciences ➤ Experimental Chemistry Competitions ➤ Providing Science enrichment opportunities ➤ Inclusion of curriculum related 	<ul style="list-style-type: none"> ➤ One talk by subject experts in an academic year with respect to new possibilities of Chemical Sciences ➤ Experimental Chemistry Competitions ➤ Providing Science enrichment opportunities ➤ Inclusion of curriculum related

Course	project ➤ Two Students pursuing NPTEL Courses	project ➤ Two Students pursuing NPTEL Courses
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2. TEACHING, LEARNING AND EVALUATION STUDENT PROGRESSION

2019-2020	2020-2021	2021-2022
50%	55%	60%
A student progression of 30% from UG to PG	A student progression of 35% from UG to PG	A student progression of 40% from UG to PG

STUDENT PROJECTS

2019-2020	2020-2021	2021-2022
All students have to do projects in Chemical Science	All students have to do projects in Chemical Science	All students have to do projects in Chemical Science

USE OF EFFECTIVE ICT % OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM ETC.

2019-2020	2020-2021	2021-2022
30% enhancement in ICT usage in classroom	➤ 40% enhancement in ICT usage in classroom	➤ 50% enhancement in ICT usage in classroom

	➤ Google Classroom – 10%	➤ Google Classroom – 20%
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TEACHING QUALITY

NUMBER OF TEACHERS WITH Ph.D

2019-2020	2020-2021	2021-2022
50% of faculty having research related additional qualification	50% of faculty having research related additional qualification	One to register for Ph.D

TEACHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ One Refresher ➤ One FDP ➤ Workshop – 1 	<ul style="list-style-type: none"> ➤ One Refresher ➤ All the teachers will do FDP course through NPTEL ➤ Workshop – 1 ➤ Short term – 1 	<ul style="list-style-type: none"> ➤ One Refresher ➤ All the teachers will do FDP course through NPTEL ➤ Workshop – 1 ➤ Short term – 1

TEACHER PARTICIPATION IN INTERNATIONAL/NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ National Level Academic Science Fest, Henrile to be organized (this is in association with 	<ul style="list-style-type: none"> ➤ National Level Academic Science Fest, Henrile to be organized (this is in association with 	<ul style="list-style-type: none"> ➤ National Level Academic Science Fest, Henrile to be organized (this is in association with

Department of Physics) ➤ International – 1 ➤ National – 1	Department of Physics) ➤ International – 1 ➤ National – 1	Department of Physics) ➤ International – 1 ➤ National – 1
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STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ An evaluation of the students' performance immediately after the first internal exam, with all the subject teachers, class teacher and HoD ➤ Measuring students' responses in Classroom ➤ Open-book exam ➤ Written exam, MCQ ➤ Experimental evaluation 	<ul style="list-style-type: none"> ➤ An evaluation of the students' performance immediately after the first internal exam, with all the subject teachers, class teacher and HoD ➤ Measuring students' responses in Classroom ➤ Open-book exam ➤ Written exam, MCQ ➤ Experimental evaluation 	<ul style="list-style-type: none"> ➤ An evaluation of the students' performance immediately after the first internal exam, with all the subject teachers, class teacher and HoD ➤ Measuring students' responses in Classroom ➤ Open-book exam ➤ Written exam, MCQ ➤ Experimental evaluation

RUBRICS/PLANS FOR MEASURING PROGRAMME OUTCOMES

2019-2020	2020-2021	2021-2022
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<ul style="list-style-type: none"> ➤ PowerPoint development & presentation ➤ Lab related Experimental Skills 	<ul style="list-style-type: none"> ➤ PowerPoint development & presentation ➤ Lab related Experimental Skills 	<ul style="list-style-type: none"> ➤ PowerPoint development & presentation ➤ Lab related Experimental Skills
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3. RESEARCH AND PUBLICATIONS

FACULTY TO TAKE UP MINOR PROJECTS FUNDED BY UGC

2019-2020	2020-2021	2021-2022
NIL	One Minor project	One Major project

PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS ETC.

Minimum one research paper per faculty in three years

2019-2020	2020-2021	2021-2022
One paper	Two papers	3 papers

BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
NIL	One	One

4. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

2019-2020	2020-2021	2021-2022
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Assignments/Research Projects based on referring to the Library	Assignments/Research Projects based on referring to the Library	Assignments/Research Projects based on referring to the Library
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E-JOURNALS AND BOOKS

2019-2020	2020-2021	2021-2022
Scientific journals – 1	Scientific journals – 2	Scientific journals – 2
Books as per the availability of funds	Books as per the availability of funds	Books as per the availability of funds

INTRODUCTION TO SMART CLASSROOM

One smart classroom in the Department to be set up in three years (this is in association with Department of Physics)

SETTING UP OF AN INSTRUMENTATION ROOM

A well-equipped instrumentation and research lab with facilities to be set up in three years (this is in association with Department of Physics)

5. STUDENT SUPPORT CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
Organise one career guidance class per year (this will be done in association with Department of Physics)	Organise one career guidance class per year (this will be done in association with Department of Physics)	Organise one career guidance class per year (this will be done in association with Department of Physics)

CAPACITY ENHANCEMENT AND DEVELOPMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Students review and study Material before coming to class ➤ Teacher seek understanding of Students ➤ Provide good quality notes (Students take down notes from the faculty) ➤ Students are asked to Practice daily ➤ Take advantage of Lab Time ➤ Use Flash Cards ➤ Use Study groups 	<ul style="list-style-type: none"> ➤ Students review and study Material before coming to class ➤ Teacher seek understanding of Students ➤ Provide good quality notes (Students take down notes from the faculty) ➤ Students are asked to Practice daily ➤ Take advantage of Lab Time ➤ Use Flash Cards ➤ Use Study groups 	<ul style="list-style-type: none"> ➤ Students review and study Material before coming to class ➤ Teacher seek understanding of Students ➤ Provide good quality notes (Students take down notes from the faculty) ➤ Students are asked to Practice daily ➤ Take advantage of Lab Time ➤ Use Flash Cards ➤ Use Study groups

FUNDS RAISED & EVENTS ORGANIZED BY ALUMNI

2019-2020	2020-2021	2021-2022
<p>Donation of Rs. 5,000 to our college by Rs. 5,000 Batch students</p>	<ul style="list-style-type: none"> ➤ Expected to collect an amount of Rs. 10,000 from our alumni (in association with Department of Physics) 	<ul style="list-style-type: none"> ➤ Expected to collect an amount of Rs. 10,000 from our alumni (in association with Department of Physics)

	<p>➤ Our Alumni who are the faculties in other institutions taking Refresher Courses to our students (in association with Department of Physics)</p>	<p>➤ Our Alumni who are the faculties in other institutions taking Refresher Courses to our students (in association with Department of Physics)</p>
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NUMBER OF ALUMNI MEETS / INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022
One alumni meet per semester, Introduce scholarships sponsored by Alumni (in association with Department of Physics)	One alumni meet per semester, Introduce scholarships sponsored by Alumni (in association with Department of Physics)	One alumni meet per semester, Introduce scholarships sponsored by Alumni (in association with Department of Physics)

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022
Students opt for higher education	Students opt for higher education	Students opt for higher education

6. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Nobel Prize Lecture (in association with Department of Physics) ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Science exhibition to school students (this is in association with Department of Physics) 	<ul style="list-style-type: none"> ➤ Nobel Prize Lecture (in association with Department of Physics) ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Remembrance of important days ➤ Computer literacy program 	<ul style="list-style-type: none"> ➤ Nobel Prize Lecture (in association with Department of Physics) ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Science exhibition to school students (this is in association with Department of Physics)

GENDER EQUITY PROGRAMMES/COUNSELLING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell 	<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell 	<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell

ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022

<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to introduce microanalysis (in association with Department of Physics) ➤ Celebrate National Chemistry Week 2020 on October 18-24 2020 with the theme "Sticking with Chemistry" 	<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to introduce microanalysis ➤ Energy Conservation Day 2022 ➤ Celebrating Water Day 2022 ➤ Remembrance of Hiroshima Day ➤ Pollution Awareness Week ➤ Celebrate National Chemistry Week 2021 on October 18-24 2021 ➤ (all the aforesaid activities in association with Department of Physics) 	<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to introduce microanalysis ➤ Energy Conservation Day 2023 ➤ Pollution Awareness Week ➤ Celebrate National Chemistry Week 2021 on October 18-24 2021 ➤ (all the aforesaid activities in association with Department of Physics)
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PROFESSIONAL ETHICS

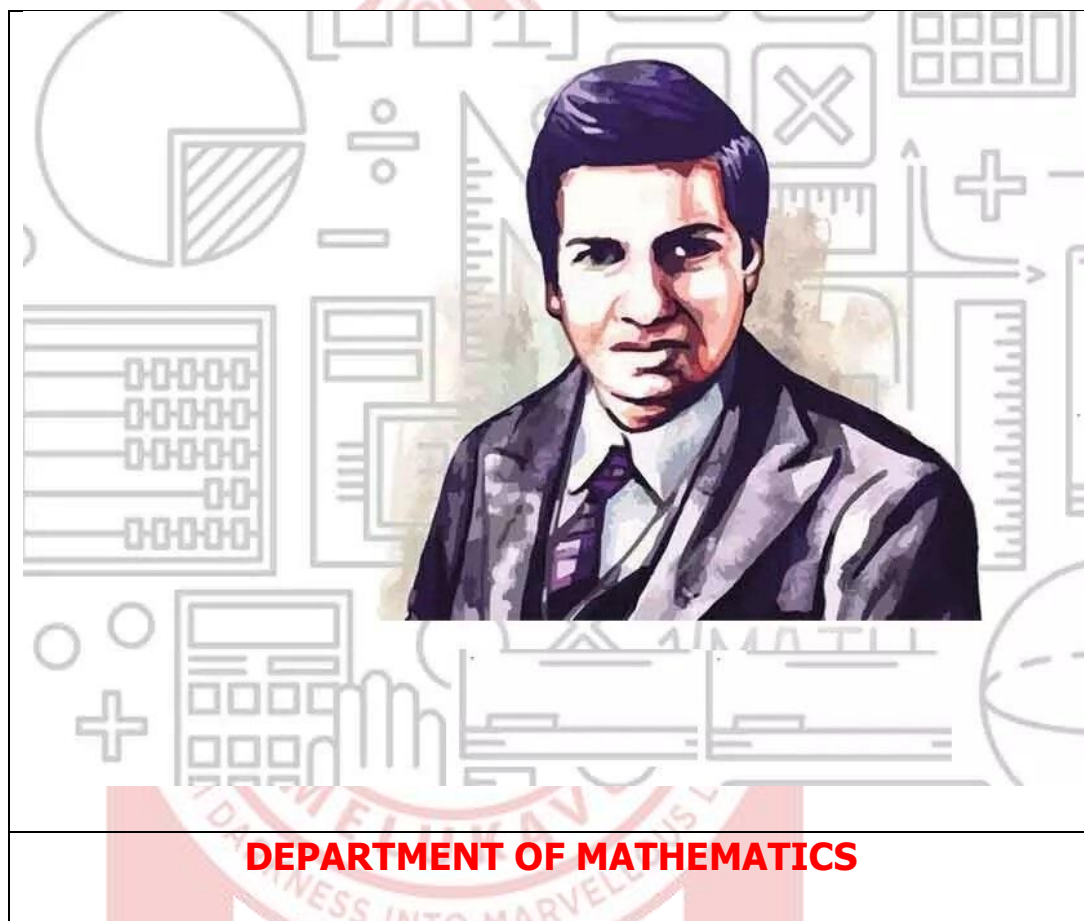
2019-2020	2020-2021	2021-2022
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<ul style="list-style-type: none"> ➤ Punctuality in Academic activities (Exam & Evaluation) ➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC Courses ➤ Strict attendance results in their academic performance 	<ul style="list-style-type: none"> ➤ Punctuality in Academic activities (Exam & Evaluation) ➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC Courses ➤ Strict attendance results in their academic performance 	<ul style="list-style-type: none"> ➤ Punctuality in Academic activities (Exam & Evaluation) ➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC Courses ➤ Strict attendance results in their academic performance
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SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ (All the aforesaid activities in association with 	<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ (All the aforesaid activities in association with 	<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ (All the aforesaid activities in association with

Department of Physics)	Department of Physics)	Department of Physics)
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1. CURRICULUM DESIGN
INNOVATIVE TEACHING TECHNIQUES
EXPERIENTIAL LEARNING

2019-2020	2020-2021	2021-2022
➤ Remedial coaching	➤ Remedial coaching	➤ Remedial coaching

<ul style="list-style-type: none"> ➤ Problem solving (Routine and non-routine Problems) ➤ Understanding of Mathematical Concepts & Practices ➤ Identification of Problem & Using Constructive Reasoning ➤ Applying Mathematics in Real Life Problems ➤ Scaffolding (Asking guide questions) ➤ Teaching Mathematical Finance (With the assistance of Department of Commerce) 	<ul style="list-style-type: none"> ➤ Problem solving (Routine and non-routine Problems) ➤ Understanding of Mathematical Concepts & Practices ➤ Identification of Problem & Using Constructive Reasoning ➤ Applying Mathematics in Real Life Problems ➤ Scaffolding (Asking guide questions) ➤ Teaching Financial Mathematics (With the assistance of Department of Commerce) ➤ Mini Project (Library research work) 	<ul style="list-style-type: none"> ➤ Problem solving (Routine and non-routine Problems) ➤ Understanding of Mathematical Concepts & Practices ➤ Identification of Problem & Using Constructive Reasoning ➤ Applying Mathematics in Real Life Problems ➤ Scaffolding (Asking guide questions) ➤ Teaching Mathematical Portfolio Theory (With the assistance of Department of Commerce) ➤ Mini Project (Library research work)
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ACADEMIC FLEXIBILITY

2019-2020	2020-2021	2021-2022
NIL	1 student will participate in national seminars	2 students will participate in national seminars and

		present paper in national seminars
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CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Presenting Alternative approaches to Curriculum topics & Stimulating Experience of Mathematics ➤ Fostering Mathematical Thinking ➤ Encouraging extended Problem Solving ➤ One Student pursuing NPTEL Course in Statistics/Mathematics ➤ Popularize and raise public understanding of Mathematics 	<ul style="list-style-type: none"> ➤ Presenting Alternative approaches to Curriculum topics & Stimulating Experience of Mathematics ➤ Fostering Mathematical Thinking ➤ Encouraging extended Problem Solving ➤ One Student pursuing NPTEL Course in Statistics ➤ Popularize and raise public understanding of Mathematics 	<ul style="list-style-type: none"> ➤ Presenting Alternative approaches to Curriculum topics & Stimulating Experience of Mathematics ➤ Fostering Mathematical Thinking ➤ Encouraging extended Problem Solving ➤ One Student pursuing NPTEL Course in Mathematics ➤ Popularize and raise public understanding of Mathematics

2. TEACHING, LEARNING AND EVALUATION
STUDENT PROGRESSION

2019-2020	2020-2021	2021-2022
50%	55%	60%
A student progression of 30% from UG to PG	A student progression of 35% from UG to PG	A student progression of 40% from UG to PG

STUDENT PROJECTS

2019-2020	2020-2021	2021-2022
All students have to do mini projects in Mathematics	All students have to do mini projects in Mathematics and a copy of it shall be given to library	All students have to do mini projects in Mathematics and a copy of it shall be given to library

USE OF EFFECTIVE ICT

% OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM ETC.

2019-2020	2020-2021	2021-2022
30% enhancement in ICT usage in classroom	40% enhancement in ICT usage in classroom	50% enhancement in ICT usage in classroom
	Google Classroom – 10%	Google Classroom – 20%

TEACHING QUALITY

NUMBER OF TEACHERS WITH Ph.D

2019-2020	2020-2021	2021-2022
50% of faculty having research related additional qualification	50% of faculty having research related additional qualification	One to register for Ph.D

TEACHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
One FDP	One Refresher All the teachers will do FDP course through NPTEL Short term – 1	All the teachers will do FDP course through NPTEL Workshop – 1 Short term – 1

TEACHER PARTICIPATION IN INTERNATIONAL/NATIONAL LEVEL PROGRAMMES

2019-2020	2020-2021	2021-2022
National Level Academic Science Fest, Henrile to be organized (this is in Coordination with Department of Physics)	<ul style="list-style-type: none"> ➤ National Level Academic Science Fest, Henrile to be organized (this is in Coordination with Department of Physics) ➤ National – 1 	<ul style="list-style-type: none"> ➤ National Level Academic Science Fest, Henrile to be organized (this is in Coordination with Department of Physics) ➤ International – 1 ➤ National – 1

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
<p>Gathering evidence about students' knowledge of, ability to use, and disposition towards mathematics and making inference therefrom</p> <p>Mathematical Quiz (MCQ)</p>	<ul style="list-style-type: none"> ➤ Gathering evidence about students' knowledge of, ability to use, and disposition towards mathematics and making inference therefrom ➤ Mathematical Quiz (MCQ) ➤ Evaluating students' interest/performance in joining courses in NPTEL 	<ul style="list-style-type: none"> ➤ Gathering evidence about students' knowledge of, ability to use, and disposition towards mathematics and making inference therefrom ➤ Mathematical Quiz (MCQ) ➤ Evaluating students' performance/interest in joining courses in NPTEL

RUBRICS/PLANS FOR MEASURING PROGRAMME OUTCOMES

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ PowerPoint development & presentation ➤ Quantitative reasoning ➤ Critical thinking, Analytical thinking and Problem solving 	<ul style="list-style-type: none"> ➤ PowerPoint development & presentation ➤ Quantitative reasoning ➤ Critical thinking, Analytical thinking and Problem solving 	<ul style="list-style-type: none"> ➤ PowerPoint development & presentation ➤ Quantitative reasoning ➤ Critical thinking, Analytical thinking and Problem solving

3. RESEARCH AND PUBLICATIONS

FACULTY TO TAKE UP MINOR PROJECTS FUNDED BY UGC

2019-2020	2020-2021	2021-2022
NIL	One Minor project	One Major project

PUBLICATIONS IN JOURNALS LISTED IN UGC, SCOPUS ETC.

Minimum one research paper per faculty in three years

2019-2020	2020-2021	2021-2022
One paper	Two papers	Two papers

BOOKS PUBLISHED BY THE FACULTY

2019-2020	2020-2021	2021-2022
NIL	One	One

4. INFRASTRUCTURE AND LEARNING RESOURCES

LIBRARY

2019-2020	2020-2021	2021-2022
➤ Assignments/Research Projects based on referring to the Library (this include topics on Mathematics, Mathematical/Apply	➤ Assignments/Research Projects based on referring to the Library (this include topics on Mathematics, Mathematical/Apply	➤ Assignments/Research Projects based on referring to the Library (this include topics on Mathematics, Mathematical/Apply

d Statistics/ Mathematical Finance and the student undertake this work with help of the faculty concerned)	d Statistics/ Mathematical Finance and the student undertake this work with help of the faculty concerned)	d Statistics/ Mathematical Finance and the student undertake this work with help of the faculty concerned)
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E-JOURNALS AND BOOKS

2019-2020	2020-2021	2021-2022
Mathematical journals – 1 Books as per the availability of funds	Mathematical journals – 2 Books as per the availability of funds	Mathematical journals – 2 Books as per the availability of funds

5. STUDENT SUPPORT CAREER COUNSELLING

2019-2020	2020-2021	2021-2022
Organise one career guidance class per year (this will be done in association with Department of Physics)	Organise one career guidance class per year (this will be done in association with Department of Physics)	Organise one career guidance class per year (this will be done in association with Department of Physics)

CAPACITY ENHANCEMENT AND DEVELOPMENT

2019-2020	2020-2021	2021-2022
➤ Teacher seek understanding of	➤ Teacher seek understanding of	➤ Teacher seek understanding of

<p>Students by solving problems on green-board</p> <ul style="list-style-type: none"> ➤ Provide good quality notes (Students take down notes from the faculty) ➤ Students are asked to Practice daily (faculty provide homework) ➤ Make use Study groups 	<p>Students by solving problems on green-board</p> <ul style="list-style-type: none"> ➤ Provide good quality notes (Students take down notes from the faculty) ➤ Students are asked to Practice daily (faculty provide homework) ➤ Make use Study groups 	<p>Students by solving problems on green-board</p> <ul style="list-style-type: none"> ➤ Provide good quality notes (Students take down notes from the faculty) ➤ Students are asked to Practice daily (faculty provide homework) ➤ Make use Study groups
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FUNDS RAISED & EVENTS ORGANIZED BY ALUMNI

2019-2020	2020-2021	2021-2022
NIL	<ul style="list-style-type: none"> ➤ Expected to collect an amount of Rs. 10,000 from our alumni (in association with Department of Physics) ➤ Our Alumni who are the faculties in other institutions taking Refresher Courses to our students (in 	<ul style="list-style-type: none"> ➤ Expected to collect an amount of Rs. 10,000 from our alumni (in association with Department of Physics) ➤ Our Alumni who are the faculties in other institutions taking Refresher Courses to our students (in

	association with Department of Physics)	association with Department of Physics)
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NUMBER OF ALUMNI MEETS / INTERACTIVE SESSIONS

2019-2020	2020-2021	2021-2022
One alumni meet per semester, Introduce scholarships sponsored by Alumni (in association with Department of Physics)	One alumni meet per semester, Introduce scholarships sponsored by Alumni (in association with Department of Physics)	One alumni meet per semester, Introduce scholarships sponsored by Alumni (in association with Department of Physics)

HIGHER EDUCATION & PLACEMENT

2019-2020	2020-2021	2021-2022
Students opt for higher education	Students opt for higher education	Students opt for higher education

6. INSTITUTIONAL VALUES & BEST PRACTICES

BEST PRACTICES

2019-2020	2020-2021	2021-2022
➤ Nobel Prize Lecture (in association with Department of Physics)	➤ Nobel Prize Lecture (in association with Department of Physics)	➤ Nobel Prize Lecture (in association with Department of Physics)

<ul style="list-style-type: none"> ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Science exhibition to school students (this is in association with Department of Physics) 	<ul style="list-style-type: none"> ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Remembrance of important days ➤ Computer literacy program 	<ul style="list-style-type: none"> ➤ Charity box ➤ Book Bank ➤ Experimental demonstration to high school students ➤ Science exhibition to school students (this is in association with Department of Physics)
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GENDER EQUITY PROGRAMMES/COUNSELLING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell 	<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell 	<ul style="list-style-type: none"> ➤ Participate in Women's Cell activities ➤ Participate in Equal Opportunity Cell

ENVIRONMENTAL SUSTAINABILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to 	<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to 	<ul style="list-style-type: none"> ➤ Introduce environment friendly methods to dispose of e-waste, used chemicals and to

<p>introduce microanalysis (in association with Department of Physics)</p> <p>➤ Celebrate International Day of Mathematics (March 14 2021) & National Mathematics Day (December 22)</p>	<p>introduce microanalysis (in association with Department of Physics)</p> <p>➤ Celebrate International Day of Mathematics (March 14 2021) & National Mathematics Day (December 22, 2021)</p>	<p>introduce microanalysis (in association with Department of Physics)</p> <p>➤ Celebrate International Day of Mathematics (March 14 2022) & National Mathematics Day (December 23, 2022)</p>
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PROFESSIONAL ETHICS

2019-2020	2020-2021	2021-2022
<p>➤ Punctuality in Academic activities (Exam & Evaluation)</p> <p>➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC, edX and Coursera</p> <p>➤ Strict attendance results in enhanced academic</p>	<p>➤ Punctuality in Academic activities (Exam & Evaluation)</p> <p>➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC, edX and Coursera</p> <p>➤ Strict attendance results in enhanced academic</p>	<p>➤ Punctuality in Academic activities (Exam & Evaluation)</p> <p>➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC, edX and Coursera</p> <p>➤ Strict attendance results in enhanced academic</p>

performance	performance ➤ Classes on Plagiarism	performance ➤ Classes on Plagiarism
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SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ (All the aforesaid activities in association with Department of Physics) 	<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ (All the aforesaid activities in association with Department of Physics) 	<ul style="list-style-type: none"> ➤ Personal hygiene ➤ Visit to orphanage ➤ Seminar on Computer /Mobile Security – every year ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ (All the aforesaid activities in association with Department of Physics)



1. CURRICULUM DESIGN
INNOVATIVE TEACHING TECHNIQUES
EXPERIENTIAL LEARNING

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Remedial coaching ➤ Certificate course in Web design 	<ul style="list-style-type: none"> ➤ Remedial coaching ➤ Certificate course in Web design 	<ul style="list-style-type: none"> ➤ Remedial coaching ➤ Certificate course in Web design

CURRICULUM ENRICHMENT

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Orientation Session on Windows & Linux Basic Applications ➤ Lesson Plans and Materials ➤ IT Quiz ➤ Special coaching on Online Poster Designs 	<ul style="list-style-type: none"> ➤ Orientation Session on Windows & Linux Advanced Applications ➤ Lesson Plans and Materials ➤ IT Quiz ➤ Special coaching on Web page designing 	<ul style="list-style-type: none"> ➤ Orientation Session on Windows & Linux Advanced Applications ➤ Lesson Plans and Materials ➤ IT Quiz ➤ Special coaching on Web page designing

2. TEACHING, LEARNING AND EVALUATION

STUDENT PROJECTS

2019-2020	2020-2021	2021-2022
All students have to do mini projects based on a programming language	All students have to do mini projects based on a programming language and/or Web designing	All students have to do mini projects based on a programming language and/or Web designing

USE OF EFFECTIVE ICT

% OF CONTENT THROUGH ICT, ONLINE ASSIGNMENTS, GOOGLE CLASSROOM ETC.

2019-2020	2020-2021	2021-2022

100% enhancement in ICT usage in classroom	Google Classroom – 100%	Google Classroom – 20%
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TEACHERS GOING FOR FDP PROGRAMMES

2019-2020	2020-2021	2021-2022
NIL	One FDP through NPTEL	One FDP through NPTEL

STUDENT EVALUATION SYSTEM

2019-2020	2020-2021	2021-2022
Practical Test	Practical Test	Practical Test
Multiple Choice based Test Papers	Multiple Choice based Test Papers	Multiple Choice based Test Papers

PROFESSIONAL ETHICS

2019-2020	2020-2021	2021-2022
➤ Punctuality in Academic activities (Exam & Evaluation)	➤ Punctuality in Academic activities (Exam & Evaluation)	➤ Punctuality in Academic activities (Exam & Evaluation)

<ul style="list-style-type: none"> ➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC, edX and Coursera ➤ Strict attendance recording 	<ul style="list-style-type: none"> ➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC, edX and Coursera ➤ Strict attendance recording ➤ Classes on Online Plagiarism 	<ul style="list-style-type: none"> ➤ Teachers always updating their knowledge through NPTEL SWAYAM, HRDC, edX and Coursera ➤ Strict attendance recording ➤ Classes on Online Plagiarism
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SOCIAL RESPONSIBILITY

2019-2020	2020-2021	2021-2022
<ul style="list-style-type: none"> ➤ Visit to orphanage ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ [All the aforesaid activities in association with Department of Commerce (Self-finance Section)] 	<ul style="list-style-type: none"> ➤ Visit to orphanage ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ [All the aforesaid activities in association with Department of Commerce (Self-finance Section)] 	<ul style="list-style-type: none"> ➤ Visit to orphanage ➤ Visit to Adult/Old Age Home ➤ Organ Donation Awareness ➤ [All the aforesaid activities in association with Department of Commerce (Self-finance Section)]