

FOUR - YEAR UNDERGRADUATE PROGRAMME (FYUGP)

I. FYUGP AND ITS KEY FEATURES

The National Education Policy (NEP) 2020 recognises that higher education plays an extremely important role in promoting human as well as societal well-being and in developing India as envisioned in its Constitution- a democratic, just, socially conscious, cultured, and humane nation upholding liberty, equality, fraternity, and justice for all. It notes that “given the 21st century requirements, quality higher education must aim to develop good, thoughtful, well-rounded, and creative individuals” and enable an individual to study one or more specialized areas of interest at a deep level, and also develop capabilities across a range of disciplines including sciences, social sciences, arts, humanities, languages, as well as professional, technical, and vocational subjects.

The NEP 2020 envisages the revision of the Choice Based Credit System (CBCS) for instilling innovation and flexibility. It also envisages setting up of facilitative norms for issues, such as credit transfer, equivalence, etc., and moving towards a criterion-based grading system that assesses student achievement based on the learning goals for each programme, and moving away from high-stakes examinations towards more continuous and comprehensive evaluation. The policy supports the establishment of an Academic Bank of Credit (ABC) which would digitally store the academic credits earned from various recognized HEIs so that the degrees from an HEI can be awarded taking into account the credits earned.

The NEP envisages several transformative initiatives in higher education. These include:

- Introducing holistic and multidisciplinary undergraduate education that would help develop all capacities of human beings- intellectual, aesthetic, social, physical, emotional, ethical and moral- in an integrated manner; soft skills, such as complex problem solving, critical thinking, creative thinking, communication skills; and rigorous specialization in a chosen field(s) of learning.
- Adoption of flexible curricular structures in order to enable creative combinations of disciplinary areas for study in multidisciplinary contexts that would also allow flexibility in course options that would be on offer to students, in addition to rigorous specialization in a subject or subject.

- Undergraduate degree programmes of either 3- or 4-year duration, with multiple entry and exit points.
- Reorienting teaching programmes to ensure the development of capabilities across a range of disciplines including sciences, social sciences, arts, humanities, languages, as well as vocational subjects. This would involve offering programmes/courses of study relating to Languages, Literature, Music, Philosophy, Art, Dance, Theatre, Statistics, Pure and Applied Sciences, Sports etc., and other such subjects needed for a multidisciplinary and stimulating learning environment.
- Preparing professionals in cutting-edge areas that are fast gaining prominence, such as Artificial Intelligence (AI), 3-D machining, big data analysis, and machine learning, in addition to genomic studies, biotechnology, nanotechnology, neuroscience, with important applications to health, environment, and sustainable living that will be woven into undergraduate education for enhancing the employability of the youth”.

FEATURES

- Wide range of Minor subjects & Multidisciplinary courses.
- Academic Flexibility and Diverse Course selection criteria.
- Compulsory Internship.
- Skill based and Outcome based Academic Emanation.
- Minor subjects can be chosen as per choice, along with an in-depth study of the major subject.
- Opportunity to change major subject in the beginning of second year.
- A degree can be earned in 5 semesters, and an honours degree can be earned in 7 semesters through the fast-track system.
- Summer internships are encouraged to enhance academic and work skills.
- After the Honours degree, students will get a post graduate degree in one year.
- Direct Ph.D. admission and the opportunity to write National Eligibility Test for Honours degree holders.
- Outcomes-based curricular framework for all programmes of study.
- An increased focus on the attainment by the students of the expected Programme Learning Outcomes (PLOs), and Course Learning Outcomes (CLOs).
- Different assessment methods that help assess progress towards achievement by the students of the expected CLOs/PLOs and graduate attributes.

- Courses designed for employability.
- Courses designed for job ready skills and entrepreneurship skills.

II. FYUGP - COLLEGE LEVEL MONITORING

As stipulated in University of Kerala-FYUGP Curriculum Framework and Regulations, 2024, a College Level FYUGP Academic Committee and FYUGP Department Committee are constituted for the implementation and monitoring of Four-Year Undergraduate programme in all colleges.

III. FYUGP ACADEMIC COMMITTEE

The College Level FYUGP Academic Committee (CLAC) shall scrutinise, approve/recommend to the University all the proposals submitted by the Department committee about the FYUG degree programme, such as academic pathway, allowed syllabi enrichment/ updating, Online courses, Blended teaching, Course offered to the students of other colleges, panel of examiners, summative and formative evaluation tools proposed by the faculty members, new courses and syllabus proposed by the faculty members as signature courses etc.

Chairman: Dr Nisha Thomas, Principal

Convenor: Dr Sibi C Babu, FYUGP College Co-ordinator

MEMBERS

1. Dr Josin C. Tharian, Chief Superintendent of Examinations.
2. All Heads of the Departments in the College.
3. Dr Lalitha Joseph
4. Dr Vinod L.
5. Dr Dhanya Ramachandran
6. Dr Liji John
7. Four experts/ academicians from outside the college representing areas such as Industry, Commerce, Education, Sciences, etc., to be nominated by the College Council, preferably from the alums of the College.

IV. FYUGP DEPARTMENT COMMITTEE

The Department committee shall prepare the required percentage of syllabi for various courses, keeping in view the objectives of the UoK-FYUG degree programme, and submit the same for the approval of the College Academic Committee. The Department Committee also suggests panel of names to the college academic committee to appoint examiners, coordinate research, teaching, extension and other academic activities in the Department/College and overall monitoring of the Department FYUG degree programme.

MEMBERS

1. Head of the Department concerned (Chairman).
2. The entire faculty of the Department.
3. Two subject experts from outside the college to be nominated by the College level FYUGP Academic Committee.
4. One representative from the industry/corporate sector/allied area relating to the placement.
5. One meritorious alumnus of the department to be nominated by the Principal.
6. Other members of teaching staff of the same faculty within the college.

V. DEFINITIONS

1. **Academic Year:** Two consecutive (one odd and one even) semesters followed by vacation in one academic year.
2. **Academic Coordinator:** The Academic Coordinator is a teacher nominated by the college council to coordinate the effective conduct of the UoK-FYUGP, including Continuous Comprehensive Assessment (CCA) undertaken by various departments within the college.
3. **Academic Credit:** A unit measuring the course work. It determines the number of hours of instruction required per week in a semester. It is defined both in terms of student efforts and teacher efforts. A course that includes one credit for a lecture/tutorial means one hour of engagement per week. In a semester of 15 weeks duration, a one credit lecture/tutorial in a course is equivalent to 15 hours of engagement. A one-credit course in practicum/lab work/community and services/fieldwork/seminar/internship/studio activities/field practice/field projects means two hours of weekly engagement. Accordingly, in a semester of 15 weeks, one credit in these courses is equivalent to 30 hours of engagement.

4. **Academic Bank of Credits (ABC):** An academic service mechanism as a digital/ virtual/ online entity established and managed by the Government of India to facilitate students to become its academic account holders and facilitate seamless student mobility between or within degree-granting Higher Education Institutions (HEIs) through a formal system of credit recognition, credit accumulation, credit transfers and credit redemption to promote distributed and flexible process of teaching and learning. Credit accumulation: ABC created the facility in the Academic Bank Account opened by students across the country to transfer and consolidate their credits earned by undergoing courses in any eligible HEIs.
5. **Academic Bank Account:** An individual account with the Academic Bank of Credits opened and operated by a student, to which all academic credits earned by the student from course(s) of study are deposited, recognised, maintained, accumulated, transferred, validated, or redeemed to award a degree.
6. **Credit Transfer** is the mechanism by which eligible HEIs registered with ABC can receive or provide prescribed credits to the individual registered ABC accounts in adherence to the UGC credit norms for the course(s) registered by the desirous students in any HEI.
7. **Credit Cap:** The maximum number of credits a student can acquire per semester is 28.
8. **Course:** It refers to the papers/subjects taught and evaluated within a UoK—FYUGP, which include lectures/ tutorials, laboratory work, fieldwork, project work, vocational training, viva, seminars, term papers, presentations, assignments, presentations, self study, internship, etc., or a combination of some of these elements.
9. **Faculty Advisor:** A teacher from the parent department nominated by the Department Council to advise students in academic matters.
10. **Course Faculty:** The faculty member in charge of running a particular course in a specific semester of the FYUG programme.
11. **Major Discipline:** The discipline or subject of primary focus and the degree will be awarded. Students shall secure 50 per cent of total credits through Discipline Specific Core (DSC) or Discipline Specific Elective (DSE) courses in the major discipline.
12. **Minor Discipline:** The discipline chosen by the student beyond the major discipline. It helps the student to gain a broader understanding beyond the major discipline.

13. **Programme:** The entire duration of the educational process, including the evaluation leading to the award of a degree and having well-defined programme-specific outcomes.
14. **Programme pathway:** A combination of courses that can be chosen by a student, giving options to pursue exciting and unconventional combinations of courses drawn from different disciplinary areas, like the sciences and the social sciences/ humanities /Commerce.
15. **Signature Courses:** Signature courses are the specialised elective courses or skill courses designed and offered by the regular/ ad hoc/ visiting/ emeritus/ adjunct faculty member of a particular college with the prior approval of the Board of Studies (BoS) and Academic Council of the University.
16. **Letter Grade:** A letter Grade in a course is a letter symbol (O, A+, A, B+, B, C, P, F, and Ab). The grade shall mean the prescribed alphabetical grade awarded to a student based on his/her performance in various examinations. The Letter grade corresponding to a CGPA range is given in Table 10. Each letter grade is assigned a 'Grade point' (G), an integer indicating the numerical equivalent of a student's broad performance level in each course. Grade Point means a point given to a letter grade on a 10-point scale.
17. **Semester Grade Point Average (SGPA):** The value obtained by dividing the sum of credit points a student obtains in the courses a semester takes by the total number of credits. SGPA shall be rounded off to two decimal places. SGPA determines a student's overall performance at the end of a semester.
18. **Credit Point (P):** of a course is the value obtained by multiplying the grade point (G) by the credit (C) of the course: $P = G \times C$.
19. **Cumulative Grade Point Average (CGPA):** The value obtained by dividing the sum of credit points in all the semesters earned by the student for the entire programme by the total number of credits in the whole programme shall be rounded to two decimal places.
20. **Grade Card:** This is the printed record of students' performance awarded to them.

VI. SEMESTER, COURSE AND CREDIT

Semester-wise Credit Calculation

- One semester is defined as 90 working days, and an academic year is divided into two semesters.
- In addition to the 90 working days, ten working days in a semester can be used for the student's co-curricular activities and for conducting orientation programmes.
- An academic year shall consist of 200 working days.
- One semester consisting of 18 weeks with five working days per week.
- Each semester, 15 days (3 weeks) shall be kept aside for exams, including internal examination evaluations and other academic activities.
- The maximum available weeks for curriculum transactions shall be fixed as 15 each semester.
- A minimum of 6 teaching/tutorial hours, out of five contact hours of one-hour duration, could be made available for a day in a 5-day week so that 450 teaching/tutorial hours will be available for each semester.
- The maximum number of credits a student can take per semester may be restricted to 28.
- A 4-year Undergraduate Degree with Honours / Research programme shall have a minimum credit requirement of 177.
- A 3-year exit option with an Undergraduate Degree is given to students completing 133 credits.
- A student may opt for a certain number of extra credits over and above the requirements for awarding a degree. These modalities must be worked out at the University level, including academic, infrastructural, and financial constraints.
- Students shall have the option of acquiring 150 credits for a 3-year (6 Semester) UG programme.
- Students shall be able to acquire a maximum of 200 credits for a 4-year (8-semester) UG programme.

VII. Structure of Curricular Contents

The proposed FYUGP curriculum consists of Three Broad Parts.

1. Foundation Component
2. Discipline Specific Pathway components (Major/Minor)
3. Discipline-Specific Capstone Components

Foundation Component

General foundation courses are standard for all students. They can be grouped into four major baskets:

- a. Ability Enhancement Courses (AEC),
- b. Skill Enhancement Courses (SEC),
- c. Value-Added Courses (VAC) and
- d. Multi-Disciplinary Courses (MDC).

A brief description of these course baskets is given below.

- a. **Ability Enhancement Courses (AEC)** :These are courses explicitly designed to achieve competency in English (E) and other languages (OL) with particular emphasis on language and communication skills. The courses aim to enable the students to acquire and demonstrate core linguistic skills, including critical reading and expository and academic writing skills. They would also allow students to acquaint themselves with English's cultural and intellectual heritage and the chosen other languages.
- b. **Skill Enhancement Courses (SEC)**: Skills are psychomotor as well as cognitive. They are about the abilities that students develop to perform various tasks. The 4Cs – Creativity, Critical thinking, Communication and Collaboration – are 21st-century skills for students to survive and work in any local or global workplace. So, the focus of the knowledge component shall be encouraging the ability to apply knowledge in real-world situations, enhancing the 4C skills, awareness, and skills for using the most modern and relevant technology for change. Along with this, the development of self-learning skills and lifelong learning skills are also crucial for the students to cope with the ever-changing and demanding work challenges.
- c. **Value-Added Courses (VAC)**: These courses will develop a graduate student's personality, perspective building, and self-awareness. These courses will help the students identify themselves and their true feelings, thoughts, abilities and actions, empowering them to recognise their strengths and give insights to overcome the challenges. As a result, the learner will be able to develop confidence, appropriate mindset and emotional intelligence. Some of the possible courses under this category could be self and identity, theatre, music, sports and games, Indian constitution, Indian society and economy, environment and climate change, gender and social equity, history of thought, NSS/NCC-related activities, IT Skills, diversity and

inclusion, ethics and values, the relationship between science, technology and society etc.

- d. **Multi-Disciplinary Courses (MDC):** These courses broaden students' intellectual experience and build conceptual foundations for the arts, science, commerce, language, and social sciences. All UG students are required to undergo three introductory-level MDCs in any discipline other than their chosen Major and Minor disciplines.

VIII. Discipline-Specific Pathway Components (Major/Minor)

The discipline-specific pathways allow the learner to pursue in-depth study of a particular subject or discipline and develop competency. These pathways include Major courses, Minor courses, and optional courses.

- a. **Major Component:** The major is the subject that is the main focus of study. The student can conduct an in-depth analysis of a particular topic or discipline by selecting a major. Students may be allowed to change majors within the broad discipline at the end of the second semester by being given sufficient time to explore interdisciplinary courses during the first year. The primary component consists of three types: Discipline-Specific Core (DSC) or Discipline-Specific Elective courses (DSE), research, laboratory, and fieldwork.
- b. **Minor Component:** It helps the student to gain a border understanding beyond the major discipline. Students can choose courses from disciplinary/interdisciplinary minors and skill-based courses relating to a vocational education programme. Students who take a sufficient number of courses in a discipline or an interdisciplinary area of study other than the chosen major will qualify for a minor in that discipline or the chosen interdisciplinary area of study. After exploring various courses, students may change the minor and vocational stream choice at the end of the second semester.
- c. **Discipline-Specific Capstone Components:** The capstone-level courses (400-499) allow the students to demonstrate their cumulative knowledge in their field of study. It plays a vital role in preparing students for the world of practical applications with professional knowledge and skills. At this stage, the student will understand how to use appropriate and relevant knowledge to ideas and products. Capstone-level courses include specialised/advanced level topics, internships, community engagement and services, vocational training, professional training,

and other work experiences. The various capstone-level components are described below.

(i) Advanced Major (Specialization) :

Advanced major courses include optional courses with a focused area of study attached to a specific major. These courses also include courses on research methodology. These courses will help graduates deepen their knowledge in a particular study area with more focus and direction.

(ii) Summer Internship / Apprenticeship:

This promotes the induction into actual work situations. During the summer term, all students will also undergo internships/ apprenticeships in a firm, industry, organisation, or lab training with faculty and researchers in their own or other HEIs/research institutions. Students will be provided with opportunities for internships with local industry, business organisations, health and allied areas, local governments (such as panchayats and municipalities), parliament or elected representatives, media organisations, artists, crafts persons, and the agricultural sector. Through the internship, students may actively engage with the practical side of their learning and, as a by-product, further improve their employability.

(iii) Field-Based Learning:

It provides opportunities for students to understand the different socio-economic contexts and will aim to expose them to development-related issues in rural and urban settings.

(iv) Community Engagement and Service :

It seeks to expose students to socio-economic issues in society so that theoretical learning can be supplemented by actual life experiences and generate solutions to real-life problems.

(v) Vocational Education and Training:

The ever-changing global scenario makes the world more competitive and requires high levels of lateral thinking and the spirit of entrepreneurship to cope with emerging challenges. Many times, the defined skill sets that are being imparted to students today with programme-specific objectives in our educational institutions become redundant sooner rather than later due to rapid technological advancements. University curricula can only adequately cover some areas of importance or relevance. Higher education institutions must supplement the curriculum to prepare students better to meet industry demands and develop their interests

and aptitudes. The vocational and skill enhancement courses provide the necessary skills to increase employability and equip students with essential skills to succeed. The main objectives of the skill enhancement and vocational courses are to provide students with an understanding of the expectations of industry, to improve the employability skills of students, to bridge the skill gaps and make students industry-ready, to provide an opportunity for developing inter disciplinary skills, and to mould the students as job providers rather than job seekers.

(vi) Research Projects

Students choosing a 4-year Bachelor's degree (Honours with Research) must take up research projects of 12 credits under the guidance of a faculty member having Ph.D Degree. The students are expected to be involved in original research. They shall investigate specific research questions, gather data, analyse findings, draw conclusions and submit a detailed report for final evaluation and defence. The research outcomes of their project work may be published in peer-reviewed journals, presented at conferences/seminars, and patented.

(vii) Other Activities:

This component will include participation in activities related to the National Service Scheme (NCC), National Cadet Corps (NCC), adult education/literacy initiatives, mentoring school students, and other similar activities.

IX. Course Participation/Attendance. -

The following are the provisions relating to Course participation, -

1. A student shall be permitted to register for the end-semester evaluation of a specific course to acquire the credits only if he has completed 75% of the prescribed classroom activities in physical, online, or blended modes, including any makeup activities as specified by the faculty of that particular course.
2. The authorised absence includes participation in a meeting or events organised by the college or the University, a regularly scheduled curricular or co-curricular activity prescribed by the college or the university due to unavoidable or other legitimate circumstances such as illness, injury, family emergency, care-related responsibilities, bad or severe weather conditions, academic or career-related interviews. Apart from this, all other eligible leaves, such as maternity and menstrual leave, shall also be treated as authorised absences.

3. The condonation facility shall be availed as per the existing University norms.

X. Guidelines for Acquiring Credit from Other Institutions/online/Distance mode

1. A student shall register for at least 21 credits per semester from the HEI, where he/she is officially admitted for a particular programme. However, students enrolled for a specific programme in one HEI can simultaneously enroll for extra credits from other HEI within the University or outside the University subject to a maximum of 28 credits per semester, including the 21 institutional credits.

2. Each institution shall publish a list of courses open for admission to students from other institutions well before each semester's commencement.

3. Each Board of Studies shall prepare and publish a list of online courses at different levels before the commencement of classes in each semester offered in various online educational platforms recognised by the academic council of the University, which can be opted by the students for acquiring additional credits.

4. The Board of Studies shall prepare and publish a list of allied/ relevant pathway courses before the commencement of classes in each semester offered by other Board of Studies that can be considered as pathway courses for majors/minors for their disciplines at different levels. 5. At the end of each semester, the University shall include the credit acquired by the student through online courses, if any, in their semester grade card.

XI. Credit Transfer and Accumulation Facilities-

Provisions relating to Credit Transfer and Accumulations facilities are as follows,-

1. The university shall establish digital storage (DIGILOCKER) of academic credits for credit transfer and accumulation with the Academic Bank of Credit (ABC) facility provided by the University Grants Commission (UGC).

2. Every student has to create an APAAR (Automated Permanent Academic Account Registry) ID generated by the Ministry of Education, Government of India.

3. The validity of credits earned shall be for a maximum period of seven (7) years or as specified in the university/UGC regulations.

4. The students shall be required to earn at least fifty per cent of the credits from the University. 5. Students shall be required to earn the required number of credits in the core subject area

XII. Optimum Hours per Week / Semester Suitable for Different Categories of Courses

- All discipline-specific courses (major or minor) may be 4 hours per week or less.
- Practical sessions in a course may be allotted for either 2, 4, or 6 hours per week.
- The maximum number of students in a practical batch for science disciplines is limited to 16. If the total number of students or the sanctioned strength, whichever is less, is less than or equal to 18, the students shall be accommodated in the same batch. If the total number of students or the sanctioned strength, whichever is less, exceeds 18, a second batch can be formed, with 16 students in the first batch. If the total number of students or the sanctioned strength, whichever is less, exceeds 36, the third batch can be formed.
- The number of students in theory batches will be decided according to the orders issued by the University of Kerala and the Government of Kerala from time to time.
- Three credits shall be given to all courses under the Multidisciplinary, Ability Enhancement (language), Skill Enhancement, and Value Addition categories.
- Summer Internship/ Apprenticeship/ Community outreach activities shall be 60 hours of engagement.
- First, the required level of knowledge, skill, ability, attributes, capstone, and vocational training that a graduate could achieve for each programme could be determined.
- The number of courses, hours of instruction per week, etc., could be determined within the percentage limits specified in the course structure.
- The credit shall be assigned based on the hours per week required for each course.

XIII. Degree, Honours Degree and Honours Degree with Research

The four-year undergraduate program offers three options for students, suitable for their plans and interests. The possibilities are a Three-Year UG Degree, a Four Year Honours Degree, and a Four-Year Honours with a Research Degree.

a) Three-year UG Degree: Students who wish to exit after three years of a four-year degree programme will be awarded a UG Degree in the Major discipline after completing three years, securing a specific number of credits (133 or above) and satisfying the minimum course requirement as given in tables. Those students can do a group project with an extra two credits to obtain research experience in discipline specific areas of the program. The BoS can decide the number of students for the group and the evaluation criteria.

b) Four-year UG Degree (Honours): A four-year UG Honours degree in the major discipline will be awarded to those who complete a four-year degree programme with the specific number of credits (177 or above) and satisfy the minimum course requirement as given in tables. To acquire an Honours Degree, the student shall pursue at least three courses in their major subject in the VII semester. This enables them to obtain in-depth knowledge in one of the subject areas. Students shall be allowed to pursue three courses (12 credits) from suitable interdisciplinary/transdisciplinary/multidisciplinary/ vocational areas of their choice. Students shall be allowed to choose two online courses/courses from other institutions (eligible for credit transfer) in their major area of study (with a course level of 400 or above) in the VIII semester. Students may be encouraged to do a project in their VIII Semester. Those students who are not doing the project shall do three courses, online or offline, for 12 credits or an internship of 15 weeks. These three courses shall be selected from a pool of courses approved by the Board of Studies.

c) Four-year UG Degree (Honours with Research): Students highly motivated to opt for research as their career can choose honours with a research stream in the fourth year. The student who secures a minimum of 177 credits, including 12 credits from a research project/dissertation, is awarded a UG Degree (Honours with Research).

d) Fast track Mode: Students can choose a fast track to complete the degree/Honours programme in N-1 semesters. The additional credits required to complete the course in N-1 semesters shall be acquired every semester subject to a maximum of 28 credits per semester, including 21-24 credits, which varies with each semester from the parent institution. However, the maximum number of credits in a six-semester degree is limited to 150 credits and 200

credits for eight semesters in Honours Degree. The student shall select courses from a pool of courses approved by the Board of Studies.

e) Minimum Eligibility Criteria for Implementing UG Honours with Research

- The Post Graduate /Research Departments can offer Four Year Honours with Research as an optional pathway along with the Four-Year Honours Programme, which is mandatory subject to the fulfilment of other conditions
- The Departments which are recognised as Research Centers may conduct a 4-year UG Degree (Honours with Research) without obtaining any further approval
- The colleges having the Post Graduate Programmes may start the 4-year UG Honours with Research Degree in their sanctioned UG Programmes with at least two permanent faculty members with PhD and other eligibility conditions stipulated by UGC/ University for research guidship in the respective departments with a prior sanction from the University.
- If a recognised Department loses permanent faculty with a Ph. D., it will not be eligible to offer the programme until faculty with the required qualifications are recruited.
- After successfully completing all the first VI semesters from the same institution, the students obtaining a CGPA equivalent to 75% marks and above may opt for Honours with Research Degree in the VII & VIII Semester. A relaxation of 0.5 score, i.e. CGPA of 7/10 or an equivalent relaxation of grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the UGC from time to time.
- Admission shall be based on the criteria notified by the Institution, keeping in view the guidelines/norms issued by the UGC and other statutory bodies concerned and taking into account the government's reservation policy from time to time.
- The number of seats in a specialisation area depends upon the number of faculty members with PhD degrees. No more than five students shall be allotted to eligible faculty at any time. Based on this, the department's maximum intake may be fixed.
- Eligible students who pursue the first three years in a college shall automatically be promoted to the fourth year of a four-year Degree programme. The total intakes of the

Honours program plus the Honours with Research programme shall not exceed the total sanctioned seats of the UG programme, including the marginal increase, if any.

➤ Suppose a more significant number of eligible students opt for the Honours with Research programme than the number of available seats. In that case, the allotment shall be based on the existing rules of reservations and merits.

➤ Infrastructure facilities like libraries, access to journals, computer labs and software, laboratory facilities for experimental research work, and any other requirements of the University shall be provided to the students.

➤ Admissions to the 4th year of FYUGP Honours with Research Degree shall commence only after the VI semester results are declared.

➤ Students may be admitted depending on the number of available Research Supervisors and other academic, research, and infrastructural facilities available, keeping in mind the norms regarding the student-teacher ratio, laboratory, library, and other facilities.

➤ Colleges shall inform the affiliating university of vacancies in their programmes only after admitting their students. The affiliating university shall fill such vacancies with students from other colleges, following the rule of reservation and merit.

➤ The affiliating colleges that do not have research centres fulfil the eligibility conditions and intend to offer 4th year of FYUGP Honours with Research Degree Programme, which need to apply to the affiliating university. After preliminary scrutiny of the application and the documents submitted by the institution, the deficiencies if the university shall intimate any. Subject to rectifying defects and after the inspection of instructional and infrastructural requirements by the inspection committee, permission shall be granted to Honours with the Research Programme. Implementation of Honours with Research programmes

➤ A student admitted for Honours with Research shall pursue at least three courses in their major subject in level 400 or above. This enables them to acquire in-depth knowledge in one of the subject areas.

➤ The student shall take five research methodology/area-specific courses, 3 of which will be Research Discipline-Specific Courses.

➤ Two research methodology courses may be online and familiar to all disciplines.

➤ Students choosing FYUGP (Honours with Research) must take up research projects under the guidance of a faculty member. The students shall have to complete the Research project in the VIII semester (total of 12 credits)

XIV. Academic Levels of Pathway Courses

The pathway Courses shall be coded based on the learning outcomes, difficulty levels, and academic rigour. The coding structure is as follows.

1. 0 – 99: Prerequisite courses for a foundation / introductory course. They will be pass or fail courses with no credits. They will replace the informal way of offering bridge courses in some colleges or universities.

2. 100 – 199: Foundation or Introductory courses are intended for students to gain an understanding and basic knowledge about the subjects and to help them decide on the topic or discipline of interest. These courses may also be prerequisites for courses in the major subject. These courses generally focus on foundational theories, concepts, perspectives, principles, methods, and procedures for critical thinking to provide a broad basis for taking up more advanced courses. These courses seek to equip students with the general education needed for advanced study and further expose students to the breadth of different fields of study. These courses may also be prerequisites for courses in the major and minor subjects. Students of FYUGP may opt for a minimum of 24 credits at this level. These courses are taught in semesters 1 and 2 of FYUGP. 4.

3. 200 – 299: Intermediate-level courses, including discipline-specific courses, intended to meet the credit requirements for Major and Minor areas of learning. These courses can be part of a Major and prerequisite courses for advanced-level Major courses. Students of FYUGP may opt for a minimum of 32 credits at this level. These courses are taught in semesters 3 and 4 of FYUGP.

4. 300 – 399: Higher-level courses required for majoring in a disciplinary/interdisciplinary area of study for the award of a degree. These courses can be part of the Major pathway and prerequisite courses for advanced-level Major courses. Students of FYUGP may opt for a minimum of 38 credits at this level, including two credits for an internship. These courses are taught in semesters 5 and 6 of FYUGP.

5. 400 – 499: Advanced courses/ capstone level courses, which would include taught courses with practicum, first-year postgraduate degree level courses, seminar-based courses, term

papers, research methodology, advanced lab experiments, software training, capstone projects, research projects, hands-on training, internship/apprenticeship projects at the undergraduate level etc. Students of FYUGP may opt for a minimum of 44 credits at this level, out of which eight credits can be of the level 300-399 if they are Minor pathway courses. These courses are taught in semesters 7 and 8 of FYUGP.

1. Discipline Specific Core (DSC) Courses
2. Discipline Specific Elective (DSE) Courses
3. General Foundation Courses
 - i) Multi – Disciplinary (MDC) Courses
 - ii) Ability Enhancement Courses
 - iii) Value Addition Courses
 - iv) Skill Enhancement Courses

Table 1 : General Foundation Courses

Sl.No	Course	Credit for each course	No. of courses	Total Credit	Disciplines Offering Course
1	Multi-Disciplinary Course (MDC)	3	3	9	All Disciplines
2	Ability Enhancement Course (AEC)	3	4	12	English other Languages
3	Value Addition Courses (VAC)	3	3	9	All Disciplines
4	Skill Enhancement Course (SEC)	3	3	9	All Disciplines
Total Courses and Credits			13	39	

Table 2 : Minimum Credit requirement from each category of courses

Sl.No	Categorisation of courses for all Programmes	Minimum Number of Credit Required			
		3 – Year UG		4 – Year UG	
1	Major (DSC+DSE)	68	17 x 4	88	22 x 4

2	Minor	24	6 x 4	36(24+12)	9 x 4
3	Multi-Disciplinary Course (MDC)	9	39	9	39
4	Ability Enhancement Course (AEC)	12		12	
5	Skill Enhancement Course (SEC)	9		9	
6	Value Addition Courses (VAC)	9		9	
7	Summer Internship / Field Based Study	2		2	
8	Research Project / Dissertation / Course	-		12**	3 x 4 course
Total		133		177	

Table 3: Pathways And Credit Requirements

Sl.No	Academic Pathway	Major (4 credits)	Minor/ other Disciplines (4 credits)	MDC(3 credits)	Foundation courses AEC-4,SEC-3,VAC-3 (3 credits)	Internship (2 credits)	Total Credits	Example
1	Single Major(A)	68	24	9	30	2	133	Major: Physics + a set of 6 courses in different subjects
2	Major (A) with Multiple Disciplines (B,C)	68	12 + 12	9	30	2	133	Major: Physics + Mathematics and Chemistry
3	Major (A) with Minor	68	24	9	30	2	133	Major: Physics Minor: Mathematics

Table 4 : Course and Credit Structure of FYUGP

SEM	DSC (Credit 4)	DSE (Credit 4)	AEC (Credit 3)	SEC (Credit 3)	MDC (Credit 3)	VAC (Credit 3)	Internship (Credit 2)/Project/Additional Courses (Credit 12)	Total Courses	Total Credits
I	A-1, B-1, C-1		AEC-1 AEC-2		MDC-1			6	21
II	A-2, B-3, C-2		AEC-3 AEC-4		MDC-2			6	21
III	A-3, B-3, C-3	DSE 1-A			MDC (KS)-3	VAC-1		6	22
IV	A-4, A-5	DSE 2-A		SEC-1		VAC-2 VAC-3	Internship	6	23
V	A-6, A-7, A-8	DSE-3 DSE-4		SEC-2				6	23
VI	A-9, A-10, A-11	DSE-5 DSE-6		SEC-3				6	23
Total	A-11, B-3, C-3	6	4	3	3	3	1	36	133
Students exiting after three years – awarded UG Degree with Major in A									
VII	A-12 A-13 B/C-4 B/C-5 B/C-6	DSE-7						6	24
VIII	MOOC courses A-14 A-15						Research Project/ Internship / Project or 03 courses –	2+1 [#] /3 ^{##}	20

							12C		
Total 1	A-13 B/C-6	7	4	3	3	3	1+1#/3##	44+1#/47 ##	177

A : Major Subject

B and C : Minor Subjects

Research Project or Project or Internship

##03 Additional Courses