The image features a light blue background with silhouettes of graduates. Several graduates are shown from the chest up, holding their black graduation caps high in the air with their right hands. Some are also holding rolled-up diplomas in their left hands. The silhouettes are dark against the light background, creating a celebratory atmosphere. The text is overlaid on the right side of the image.

Preparations For The Launching of FYUGP in Kerala

**Four Year Under Graduate
Programmes in Affiliated Colleges**



Plan of this session

- Major Changes in Programmes
- Admission Preparations
- Orientation to Students
- Workload Allocation
- Flexible Time Slots Preparations

• **Transformative Initiatives in the Undergraduate Education for a Knowledge Society**

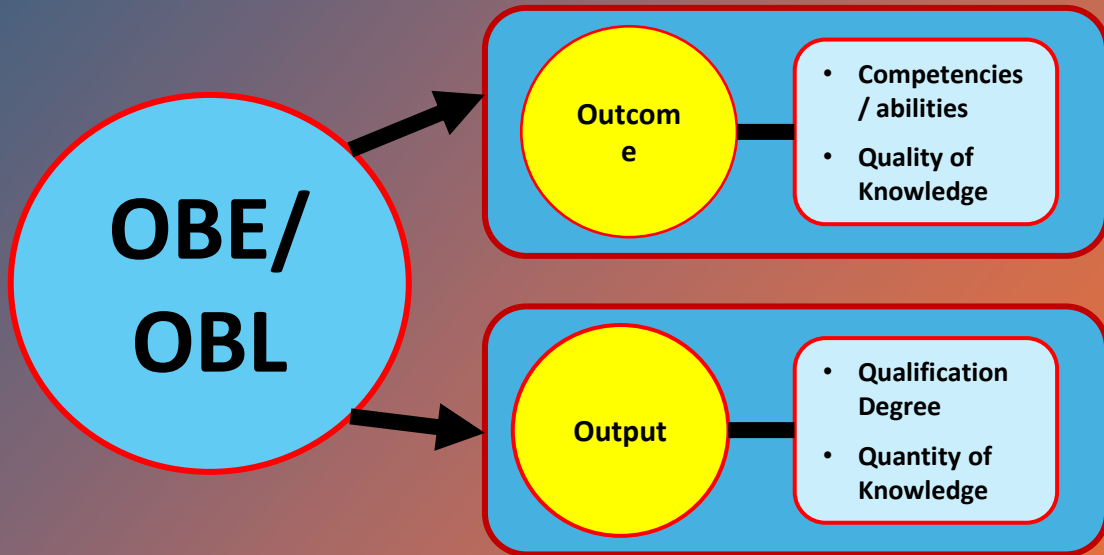
- Introducing holistic and multidisciplinary undergraduate education that would help develop all capacities of human beings such intellectual, aesthetic, social, physical, emotional in an integrated manner
- Develop soft skills, such as complex problem solving, critical thinking, creative thinking, communication skills, along with rigorous specialization in a chosen field(s) of learning.

Disciplines : A branch of knowledge domain or a particular area of study

A suitable combination of two or more knowledge domains will result in Interdisciplinary or Multidisciplinary knowledge domains



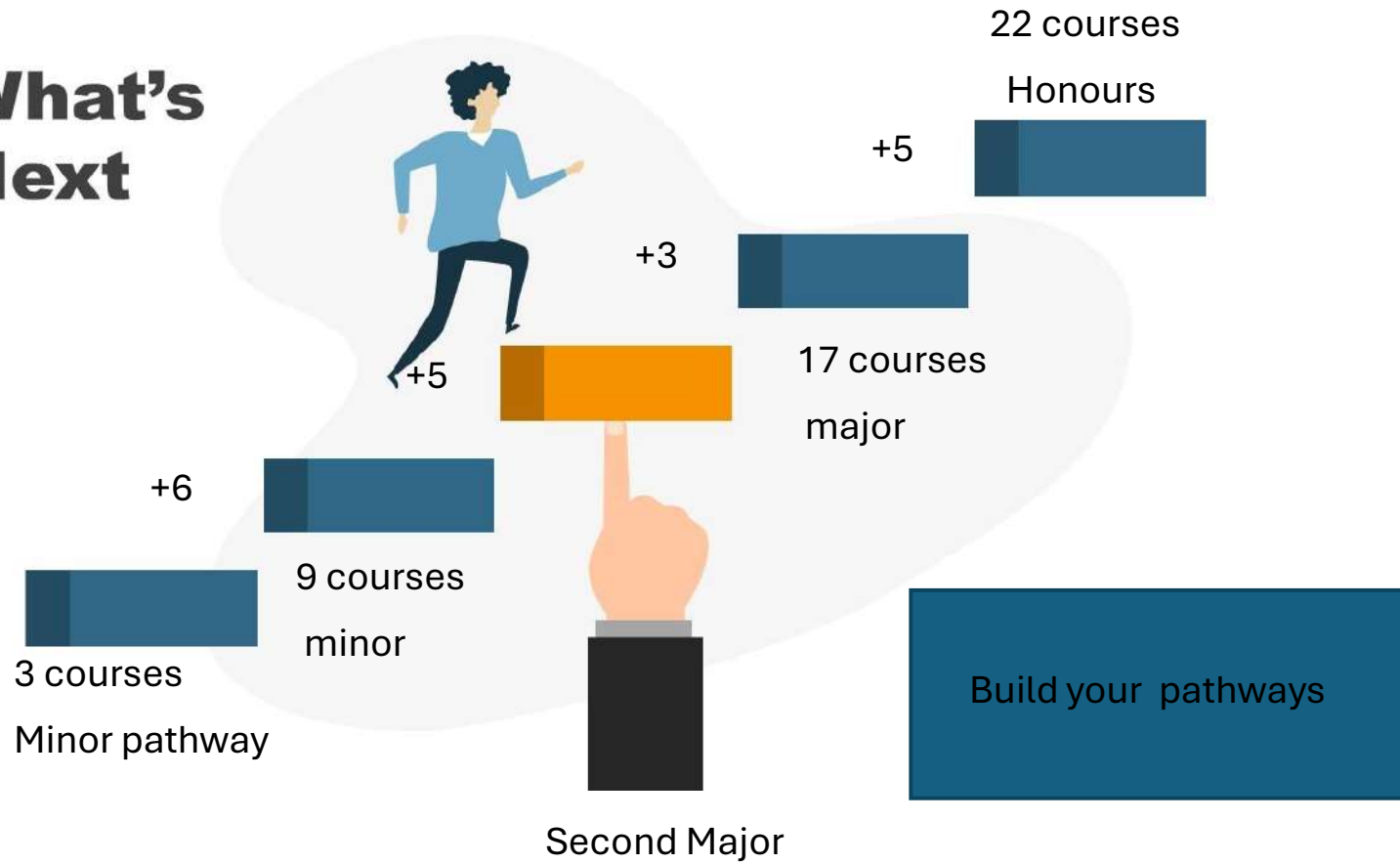
- By a Program, Certain level of competencies can be developed in the chosen area of study or in a discipline.
- FYUGP offers you a variety of Programs suitable to develop different level of competencies in a disciplines
- Minor pathway
- Minor
- Major
- Honours
- Honours with research



- **Programme Specific Outcomes (PSO)**

Programme Specific Outcomes are what the students should be able to do at the time of completion of that programme with reference to a specific discipline. Usually there are two to 6 PSOs for a programme

What's Next



Dr Sudheendran K Research officer

List of Available Disciplines

- Animation
- Graphic Design
- Visual Effects
- Arabic
- Bharathanatyam
- Economics
- English
- Hindi
- History
- Interior Architecture
- Artistry
- Journalism
- Mass communication
- Kathakali Chenda
- Kathakali Madhalam
- Malayalam
- Mohiniyatam
- Veena
- Violin
- Computer Science
- Cyber Forensics
- Philosophy
- Political Science
- Sanskrit Nyaya
- Sanskrit Sahitya
- Sociology
- Sound Design
- Tamil
- Visual Communication
- Business Administration
- Computer Application
- Hotel Management
- Commerce
- Painting
- Bio Informatics
- Biological Techniques
- Biotechnology
- Botany
- Chemistry
- Clinical Nutrition
- Dietetics
- Electronics
- Computer Technology
- Fashion Design
- Food Science
- Food Technology
- Quality Control
- Geology
- Home Science
- Hotel Management
- Mathematics
- Microbiology
- Physics
- Psychology
- Statistics
- Zoology
- Industrial Microbiology
- Logistic Management
- Fashion Technology
- Renewable Energy Management
- Software Development
- Tourism Administration

COURSE BASKETS

PATHWAY COURSES(DSC,DSE,DSF)

- Level 100-199: Foundation / Introductory Courses
- Level 200-299: Intermediate-level Courses
- level 300-399: Higher-level courses
- 400-499: Advanced Courses

Course Codes :XX S AAA BBB 000

Pathway courses

- UK1DSCPHY105
- UK5DSEPHY305
- UK6DSSPHY 303

FOUNDATION COURSES

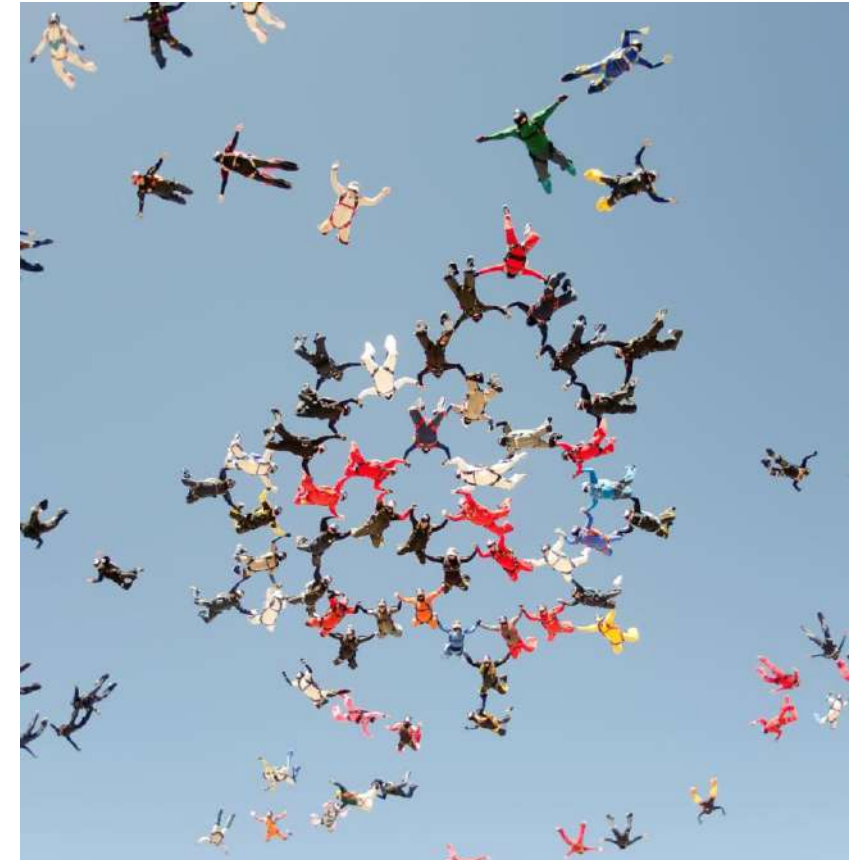
- AEC-ENG (Ability Enhancement Courses-ENG)
- AEC-OL (Ability Enhancement Courses –OL)
- VAC- (Value Added Courses)
- SEC
- MDC

Foundation courses

- UK2AECENG101
- UK1VACMAL104
- UK2VASECO 102

2024 Admission Preparations

- **College shall have a FYUGP Coordinator**
- **Departments shall have Programme coordinators**
- **College shall prepare a list of related and unrelated Minor Pathway options beyond their chosen Programme**
- **Each department shall prepare and publish their course baskets from the university Basket (Foundation and Pathway)**
- **Students shall be admitted to each Programme as before**
- **Students shall be directed by their academic advisors to various Pathways and Courses suitable to them**



Orientation Programme for Students

- During the first weeks of the commencement of classes, teachers should provide proper orientation to the students, coordinated by the college-level Academic Committee.
- Students shall be allowed to visit and interact with respective faculty members during the first week of each semester, to gather more information about the courses and the availability of seats.
- Graduate Attributes
 - Program Specific Outcomes
 - Course Outcomes
 - Credit
 - Evaluation Strategies
 - Program and Credit Structure
 - Available Pathways
 - Minor Option
 - Fast track option
 - Academic Bank of Credits



	Number of Courses	Credits
Foundation	13	39
Major Pathway	17	68
Minor Pathway	6	24
Internship	1	2
Total	37	133

Flexible Academic Pathways (3 year UG)

Requirement of Courses at Different Levels

Level of Courses	Major (No of Courses)	Second Major (No of Courses)	Minor (No of Courses)	Minor Pathway (No of Courses)
Level 100	2	2	2	2
Level 200	6	6	4	1
Level 300	9	6	3	
Level 400	3			
Total Courses	17/ 20	14	9	3
Required Credits in each Pathway				
Credits	80	56	36	12

Available Pathways for students for designing their degrees

* Related to major in the level 300
 ** Numbers are only examples

Academic Pathways	Foundation (No of Courses)	Pathway A (No of Courses)	Pathway B (No of Courses)	Pathway C (No of Courses)	Pathway D (No of Courses)
Single Major	13	(17-20*)	1	1	1
Major with Minor	13	17	6		
Major with Multiple Minor Disciplines	13	17	3	3	
Interdisciplinary/ Multidisciplinary Majors	13	13**	5**	5**	
Double Major	4	17	14		

Number of Courses to be ensured in all departments

Level of Courses	Minimum Number of Courses (UG Dept. offering Core and Comply	Single Faculty Dept.
Level 100	3	1
Level 200	7	2
Level 300	10	4
Level 400	3	1
MDC	1	
Online (level 400)	2	1
Total Courses	26	9
Credits	103	36
Workload	52 hrs	3 faculties
		16 hrs

Courses to be ensured in Science Departments

Level of Courses	Major (No of Course)	Hours	2B	3 B	Additional courses per teacher
(4C) course (T)	12	48	48	48	4
4C course (3T+1P)	11	55	77	99	3
MDC	1	3	3	3	
Total	24	106	128	150	31
Number of teachers workload		4	4	5	1

Programme	Num of courses with Practical	Possible no of experiments (@10 per course)
Major	8	80
Minor pathway	3	30
Minor	5	50

Requirement of Courses in different Levels

Level of Courses	Major (No of Course)	Second Major	Minor (No courses)	Minor pathway
Level 100	2	2	2	2
Level 200	6	6	4	1
Level 300	9	6	3	
Level 400	3			
Total Courses	17/ 20	14	9	3
Required Credits in each Pathway				
Credits	80	56	36	12

MINIMUM NUMBER OF FOUNDATION COURSES TO BE ENSURED PER SEMESTERS BY THE COLLEGE



This is the required minimum number of Foundation Courses that may be ensured by a college depending upon the total number of students per each semester.



If sufficient workload is available, more batches/courses may be introduced by the college level FYUGP committee.

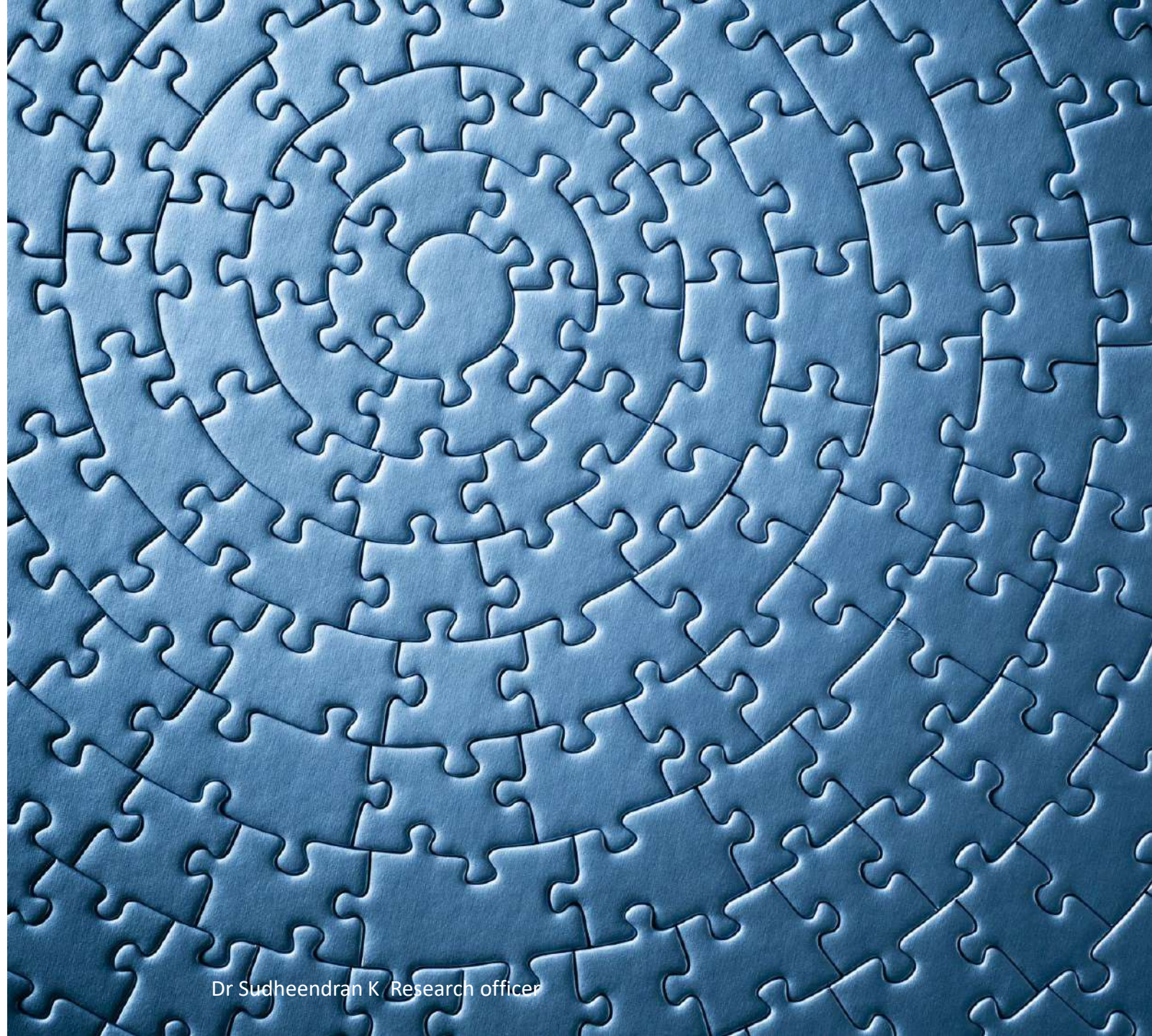


After ensuring sufficient Foundation level courses pathway courses for minor programs may also be introduced

NUMBER OF STUDENTS	AEC (ENG)	AEC (OL)	VAC	SEC
250	3	3	3	3
500	6	6	6	6
750	10	10	10	10
1000	13	13	13	13

PART 2

Workload Allocation





Present Distribution of workload for Different UG Programs

Programme	English	Other Lan	Core	Compli1	Compli2	Total
BA	14	9	40	6	6	75
BSc	14	9	34	9	9	75
B Com	9	5	61	-	-	75
LRP Sci -1	9	5	61			75
LRP Sc -2	9	5	43	9	9	75
LRP SCi-3	9	5	52	9		75

Present Distribution of workload for Core /Compli. programs with Practical's

BSC Programs	Theory	Work load			Total work load Available for 2 batch	Total work load Available for 3 batch
		Practical's				
		Number of practical Batches				
		1	2	3		
Core	22	12	24	36	46	58
Compli	5	4	8	12	13	17
LRP -2C	41	20	40		81	
LRP-1C	36	16	32		68	

Workload Requirements in the FYUG programs in Humanities and Social Science Departments

UG	PG	CMPL	TWL	SNP	TCH	Possible No Core papers	Required MDC
1	0	1	46	3	96	25	1
1	0	2	52	3	96	25	1
1	0	3	58	4	128	31	1
1	0	0	40	3	96	25	1

UG: Number of UG programs
Credit Hours

TCH: Total

PG : Number of PG Programs
Required Credit Hours

RCH:

CMPL :Number of complimentary programs
Credit Hours

BCH: Balance

TWL:Total work load

SNP: Sanctioned Number of Post

UG	CMPL	MPB	C1PB	C2PB	C3PB	WL-T	WL-P	TWL	SNP	TCH	RCH-P	RCH-T	Total	Balance CH
1	1	2	2	0	0	27	32	54	3+1	128	40	69	109	19
1	1	3	3	0	0	27	48	75	4+1	160	66	69	135	25
1	2	3	3	2	0	32	56	88	5+1	192	78	78	156	36
1	3	3	3	2	2	37	68	105	6+1	224	96	87	183	41
1	0	2	0	0	0	22	24	48	3	96	32	60	92	4

UG: Number of UG programs

TCH : Total Credit Hours

CMPL: Number of Complimentary Programs

RCH-P : Required Hours for Practical

MPB: Sanctioned Number of Practical Batches for Main

RCH-T : Required Hours for Theory

C1PB: Sanctioned Number of Practical Batches for Complimentary 1

C2PB: Sanctioned Number of Practical Batches for Complimentary 2

C3PB: Sanctioned Number of Practical Batches for Complimentary 3

WLT: Sanctioned workload for theory

WLP: Sanctioned workload for Practical's

TWL: Sanctioned total workload for UG

SNP:Sanctioned Number of Post

Balance CH : Balance Credit Hour

Workload Requirements in the FYUG programs in Science Departments

Arts and Humanities Departments	Work Load Comparison CBCS and FYUGP								
	Number of complimentary Courses	0		1		1		1	
	Total Sanctioned work load	40		48		46		46	
	Number of teachers+max work load	3		3		3		3	
	Maximum work load & credits	48(96)		48(96)		48(96)		48(96)	
		CBCS		FYUGP		CBCS		FYUGP	
	Work load Distribution for Pathway courses (4 C)	Odd	even	odd	even	odd	even	odd	even
	1 year	5	5	8	8	8	8	8	8
	2nd year	10	10	12	16	13	13	12	16
	3rd year	25	25	16	20	25	25	16	20
	4th year			12	0			12	0
	Total Work Load Required For FYUGP (A)	40	40	48	44	46	46	48	46

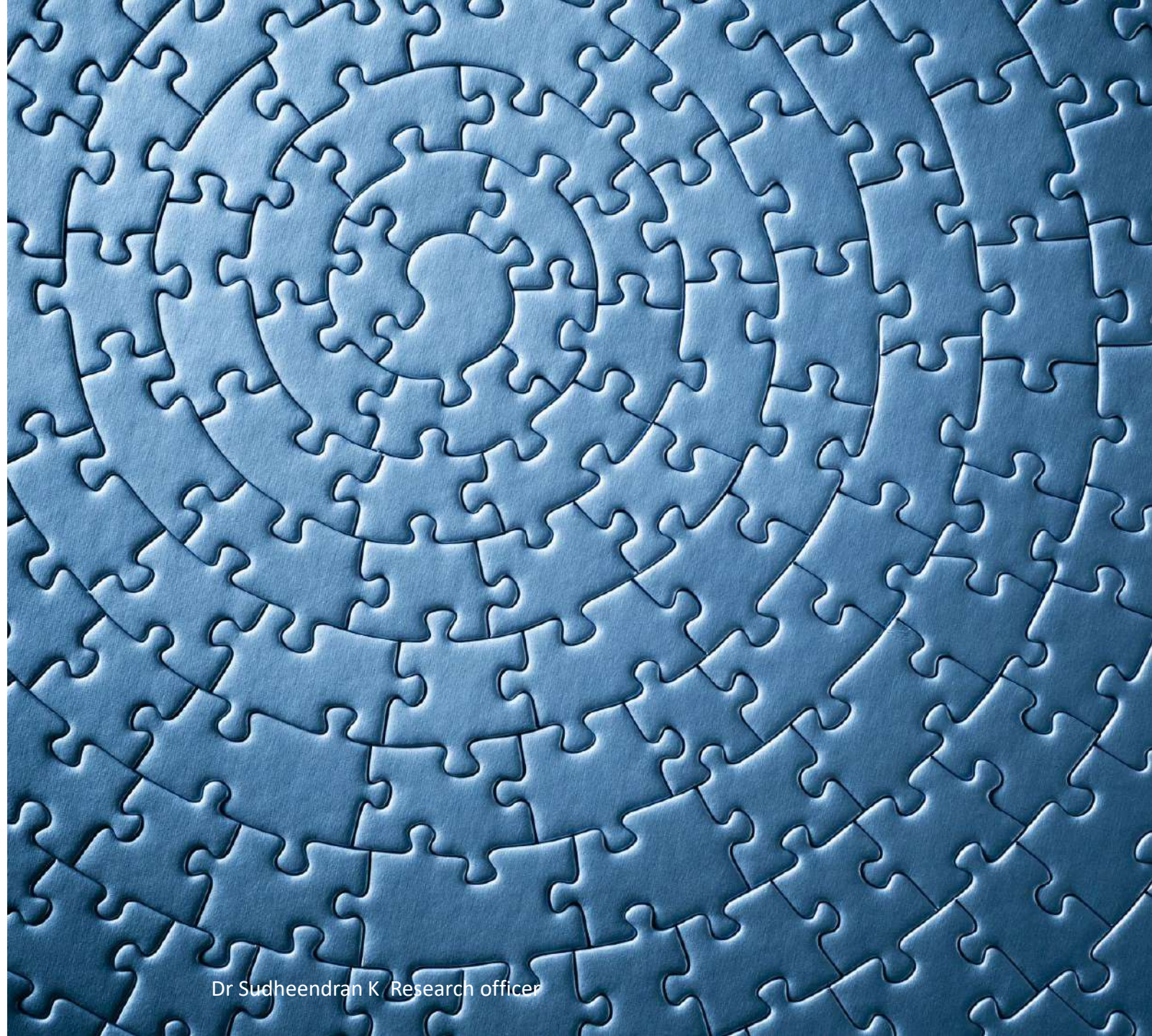
Work Load Requirements for odd and Even semester for the FYUGP programs

English and other Language		English		Second Language	
	Total Sanctioned work load	14 hr		9 hr	
	Maximum work load & credits	14(28)		9(18)	
	Work load Distribution	odd	even	odd	even
	AEC Courses	6	3+3		3
	VAC Courses	3	3	3	3
	MDC Courses	3	3	3+3	3
	SEC Courses		3		
	Total Work Load Required	12	15	9	9
	Work Load pooled for cushion				
	Minimum Number of 3C Foundation Courses	4	5		2
	Number of Extra Foundation Course				
	Number of additional Pathway courses				
Total work load including cushion					
Work load required for cushion					
Part time gust	N		N		

Bcom/BBA/LRP Programs without practical's	Work Load Requirements for odd and Even semester for the FYUGP programs		
	Number of complimentary Courses	2	
	Total Sanctioned work load	64	
	Number of teachers+max work load	4	
	Maximum work load & credits	64(128)	
	Work load Distribution for Pathway courses (4 C)	Odd	even
	1 year	12	12
	2 nd year	16	16
	3 rd year	16	20
	4 th year	12	0
	Total Work Load Required For FYUGP (A)	56	48
	Work load pooled for cushion	8	16
	Foundation courses 3 courses	9	6
	additional Elective courses		8
	Mentoring		2
	Total work Load (A)+10 hr cushion	65	64
	Maximum available WL	64	64
	Work load for cushion		
	Part time gust	N	

PART 3

Time slots & Time Table



**General
Course
distribution for
the FYUG for
the first 3
years**

SEME- STER	DSC (credit 4)	AEC (credit 3)	SEC (credit 3)	MDC (credit 3)	VAC (credit 3)	Total Courses	Total Credits
I	3 A, B, C	1 (E) – P		1	1 (OL)	6	21
II	3 A, B, C	1 (OL)–P		1	1 (E)	6	21
III	4 A, A, B, C	1 (E) – P		1 –(KS) (E / OL)		6	22
IV	4 A, A, A, A	1 (OL)	1 (E)			6	22
INTERNSHIP							2
V	5 A, A, A, A, A* (*Elective 1)		1			6	23
VI	4 A, A, A, A* (*Elective 2)		1		1	6	22
Total	Major A : 17 Minor B : 3 Minor C : 3	4	3	3	3	36	133
EXIT WITH UG DEGREE / PROCEED TO FOURTH YEAR WITH 133 CREDITS THOSE WITHOUT 133 CREDITS WILL NOT BE ELIGIBLE TO PROCEED TO FOURTH YEAR							

• General Course distribution for the FYUG for the fourth year

SEMESTER	DSC (credit 4)	Nature of the Course	Total Courses	Total Credits
VII	Major A, A, A	<ul style="list-style-type: none"> Level 400 courses offered by the dept 	3	12
	Minor B, B, B	<ul style="list-style-type: none"> Level 300 and above courses of interdisciplinary/trnsdisciplinary in nature offered by the institutions Students may do 3 vocational/professional courses as well 	3	12
Total of VII	Major A : 3 Minor B : 3	* Minimum 12 hrs need to be taught at the institution.	6	24
VIII	Major A, A	<ul style="list-style-type: none"> Level 400 courses Both can be online courses. 	2	8
	Project (credit 12)	<ul style="list-style-type: none"> Instead of Project, 3 Major courses can be chosen. In this case, all the three can be online courses. Or PG level course 	(3)	12
Total of VIII	Major A : 2 Project		2/(5)	20
Grand Total of VII & VIII	Major A : 5 Minor B : 3 Project		8 (3)	44
EXIT WITH UG HONOURS DEGREE WITH 177 CREDITS				

	8.30-9.30	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	
MON		FC	FC	PC		PC	PC		
TUE		FC	FC	PC		PC	PC		
WED		FC	FC	PC		PC	PC		
THU		FC	FC	PC		PC	PC		
FRI		FC							

FC: Foundation Course
PC: Pathway Course

Flexible Time Slots for Classes

Important Steps to follow while fixing the slots for each discipline

Reserve 3 slots for the pathway courses and 3 slots for foundation course as shown earlier

Group all the disciplines based on the number of pathways courses offered

Group 1: Disciplines offers 3 level 100 courses in the semester 1

Group 2: Disciplines offers 2 level 100 courses in the semester 1

Group 3 : Disciplines offers 1 level 100 course in the semester 1

Group 1 courses shall be offered in all three slots

Group 2 courses shall be offered in slot 2 and slot 3

Group 3 courses shall be offered in slot 3

Students may be advised to take the courses from their respective departments in the first slot

Students may be allowed to take any course from slot 2 and slot 3 as per their choice

Example

Major: Physics, Chemistry, maths, History, Economics, Pol Sci, Commerce

Sub: Stati,

Common course: Eng, Hindi, Malayalam,
Physical Education, Library info

SLOT 1	SLOT 2	SLOT 3	SLOT 4
PHY	PHY	PHY	
CHE	CHE	CHE	
MATHS	MATHS	MATHS	
HIS	COM	ECO	
COM	POL	POL	
POL	ENG	MAL	
ECO		STA	
	HIN	COM	

SLOT A	SLOT B	SLOT C
AEC1	VAC1	MDC1
AEC2	VAC2	MDC2
AEC3	VAC3	MDC3
AEC4	VAC4	MDC4



THANK YOU

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