



# PGP COLLEGE OF ARTS AND SCIENCE

NH-7, Namakkal – Karur Main Road, Namakkal – 637 207

(Affiliated to Periyar University, Salem and Approved by AICTE,

New Delhi, Reaccredited by NAAC and Recognized by UGC with 2(f) & 12(B))



PGP GROUP

**ATTAINMENT OF PROGRAM OUTCOMES AND  
COURSE OUTCOMES  
COURSE OUTCOME-PROGRAMME OUTCOME  
MAPPING**



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## DEPARTMENT OF TAMIL

Name of the Programme : B.A Tamil	
PO1	இலக்கண இலக்கிய வரலாறு, மொழி வரலாறு, தமிழ்ப் பண்பாட்டு வரலாறு ஆகிய பின்புலங்களைக் கற்பித்தல்
PO2	தமிழ் இலக்கிய இலக்கணங்களைக் கற்பித்தல்
PO3	தவறின்றி எழுதப் பயிற்றுவித்தல்
PO4	கவிதை, கட்டுரை, சிறுகதை, நாடகம் போன்ற இலக்கிய வகைகளை புதியனவாக படைக்கும் ஆற்றல்களை வளர்த்தல்
PO5	இலக்கிய இலக்கணங்களை திறனாய்வு செய்யும் திறனை வளர்த்தல்
PO6	புதிய சில தமிழ் இலக்கியக் களங்களை அறிமுகப் படுத்துதல்
PO7	தற்கால அறிவியல் வளர்ச்சியின் பயனைப் பெறும் வகையில் கணினி மற்றும் இணையம் தொடர்பான கல்வியை அறிமுகப்படுத்துதல்
PO8	எழுத்தாற்றல் மற்றும் படைப்பாக்கத்திறனை வளர்த்தல்
PO9	அரசு போட்டித் தேர்வுகளில் பங்கேற்கும் திறன் வளர்த்தல்

Name of the Programme: B.A Tamil		
Course Code & Course Title	Course Outcome	
21UFTA01 Tamil Foundation - I	CO1	தற்கால இலக்கியப் போக்குகளையும் இலக்கணங்களையும் மாணவர் அறியுமாறு செய்து அவர்களின் படைப்பாற்றலைத் தூண்டுதல்
	CO2	தமிழ் மொழியைப் பிழையின்றி பேசவும் எழுதவும் செய்தல், தமிழின் ஐந்திலக்கணங்களுள் ஒன்றான எழுத்திலக்கணத்தை மாணவர்களுக்கு அறிவுறுத்துதல்
	CO3	இக்கால தமிழ் இலக்கிய வகைமைகளின் மாதிரிகளைக் கற்பித்து அவற்றில் ஈடுபாட்டையும் சுவைக்கும் திறனையும் ஏற்படுத்துதல்
	CO4	தொன்று தமிழில் தோன்றிய இலக்கண நூல்களில் வரலாற்றை மாணவர்களுக்குக் கற்பித்தல்
	CO5	இளம் வயது முதல் உடல் மனம் இரண்டையும் பக்குவமாக வைத்துக்கொள்ள வேண்டியதன் அவசியத்தை மாணவர்களுக்கு உணரச் செய்தல்

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	1	2	1	3	2	1	2	3
CO2	1	0	2	2	0	1	2	2	2
CO3	1	2	2	2	1	1	2	0	2
CO4	1	2	2	2	1	2	2	2	2
CO5	0	2	2	1	0	0	3	2	2
Average	1.0	1.4	2.0	1.6	1.0	1.2	2.0	1.6	2.2



  
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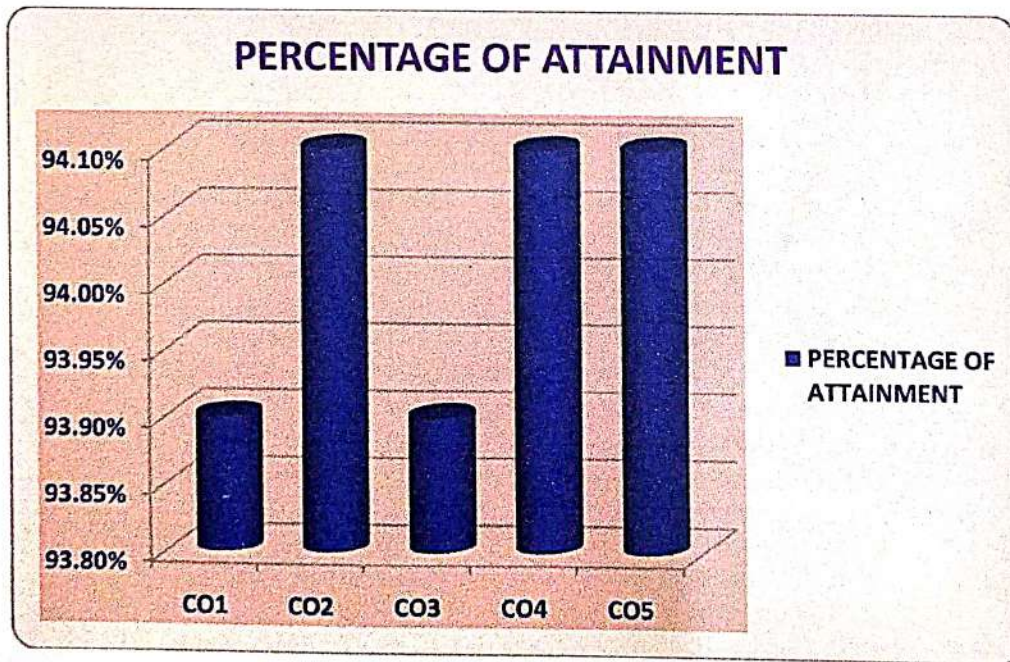
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## COURSE ATTAINMENT FOR B.A Tamil

SUBJECT NAME : Tamil Foundation -I  
SUBJECT CODE : 21UFTA01  
NO. OF STUDENTS : 06

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.90%
CO2	94.10%
CO3	93.90%
CO4	94.10%
CO5	94.10%



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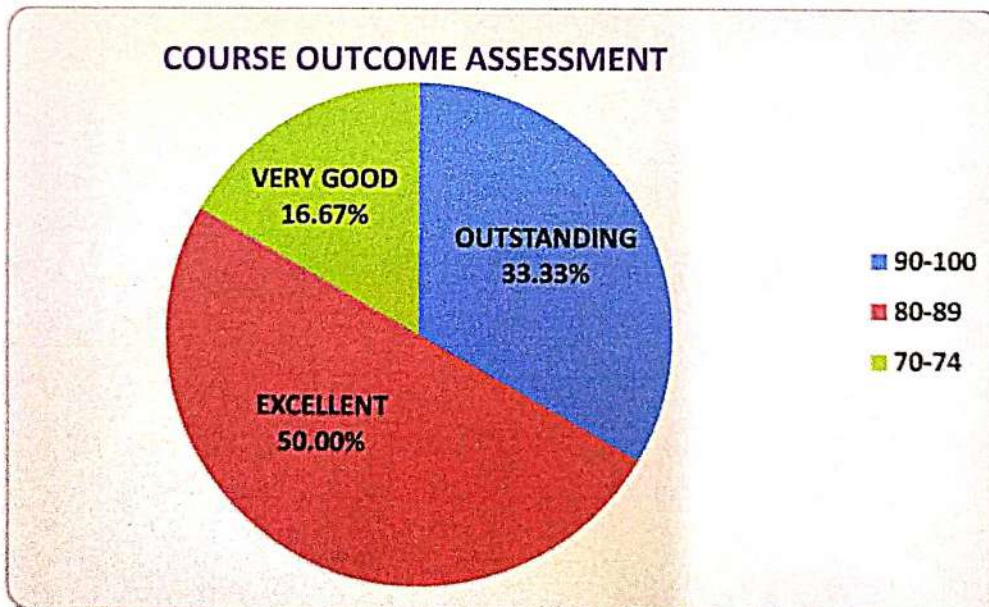
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## COURSE ATTAINMENT FOR B.A Tamil

SUBJECT NAME : Tamil Foundation -I  
SUBJECT CODE : 21UFTA01  
NO. OF STUDENTS : 06

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	2	OUTSTANDING
80-89	3	EXCELLENT
75-79	0	DISTINCTION
70-74	1	VERY GOOD
60-69	0	GOOD
50-59	0	AVERAGE
0 -49	0	RE-APPEAR



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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	31	-20
CO2	19		L2	24	
CO3	19		L3	11	
CO4	19		L4	15	
CO5	19		L5	14	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE


LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF ENGLISH

Name of the Programme : B.A English	
PO1	To educate students both in the artistry and utility of the English language through the study of literature and other contemporary forms of culture
PO2	To make students aware of the different communicative skills, and to develop among them an ability to effectively communicate in English, both in written and spoken modes
PO3	To provide students with the critical faculties necessary in an academic environment, on the job, and in an increasingly complex, interdependent world
PO4	Above all, to help students explore what is to be human
PO5	To understand people, culture, societies and events of the entire globe

Name of the Programme: B.A English		
Course Code & Course Title	Course Outcome	
21UEN01 POETRY	CO1	Broaden their vocabularies and to develop an appreciation of language
	CO2	Develop their critical thinking skills
	CO3	Develop a deeper appreciation of cultural diversity
	CO4	Develop creativity and enhance their writing skills
	CO5	To enhance students analytical mind through critical statements in the poem

PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	2	2	2	1	3
CO2	2	0	2	1	0
CO3	2	2	2	2	2
CO4	3	2	2	2	2
CO5	2	2	2	0	0
Average	2.2	1.6	2.0	1.2	1.4



  
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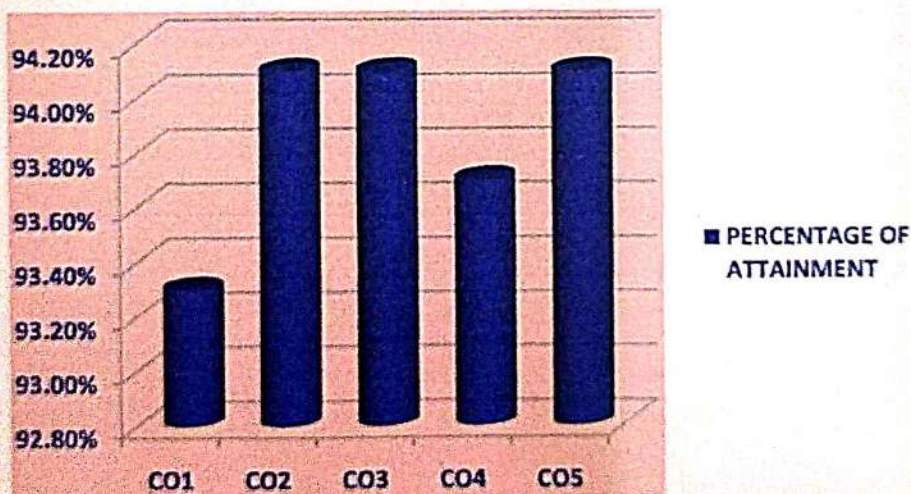


## COURSE ATTAINMENT FOR B.A English

SUBJECT NAME : POETRY  
SUBJECT CODE : 21UEN01  
NO. OF STUDENTS : 03

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.30%
CO2	94.10%
CO3	94.10%
CO4	93.70%
CO5	94.10%

### PERCENTAGE OF ATTAINMENT



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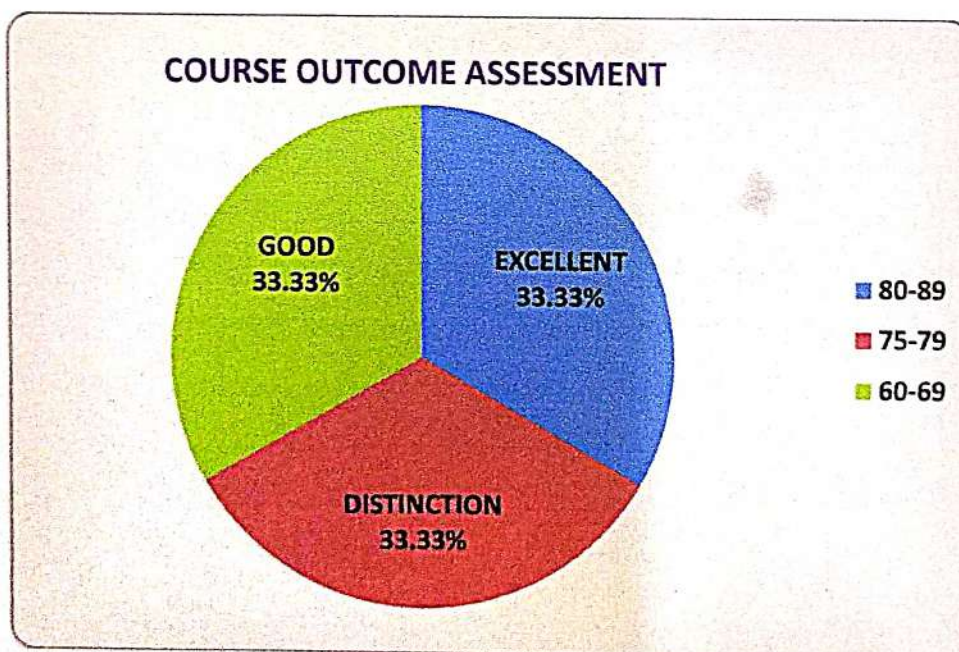
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## COURSE ATTAINMENT FOR B.A English

SUBJECT NAME : POETRY  
SUBJECT CODE : 21UEN01  
NO. OF STUDENTS : 03

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	0	OUTSTANDING
80-89	1	EXCELLENT
75-79	1	DISTINCTION
70-74	0	VERY GOOD
60-69	1	GOOD
50-59	0	AVERAGE
0-49	0	RE-APPEAR



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CO1	19	-20	L1	37	-20
CO2	19		L2	22	
CO3	19		L3	10	
CO4	19		L4	12	
CO5	19		L5	14	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1
CO2 : COURSE OUTCOME FOR UNIT - 2
CO3 : COURSE OUTCOME FOR UNIT - 3
CO4 : COURSE OUTCOME FOR UNIT - 4
CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE
LEVEL 2 : UNDERSTANDING
LEVEL 3 : APPLY
LEVEL 4 : ANALYSE
LEVEL 5 : CREATIVITY



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## DEPARTMENT OF COMMERCE

Name of the Programme : B.Com	
PO1	This program could provide information Industries, Banking Sectors, Insurance Companies, Financing companies etc.,
PO2	Students can independently start up their own Business.
PO3	Students can get thorough knowledge of finance and commerce.
PO4	Students will prove themselves in different professional exams like C.A. , C S, CMA, MPSC, UPSC.
PO5	Students will be able to do their higher education and can make research in the field of finance and commerce.

Name of the Programme: B.Com		
Course Code & Course Title	Course Outcome	
21UCM01 PRINCIPLES OF ACCOUNTANCY	CO1	To enable the students to acquire basic knowledge of accounting principles, concepts and conventions.
	CO2	To make the students to acquire the skill to prepare the trial balance and final accounts.
	CO3	To prepare detailed financial statements that accurately and clearly present business transactions and activities.
	CO4	To describe how basic business economic events affect accounts and financial statements.
	CO5	To interpret and analyze financial statements to aid in decision making.

PO→ CO↓	PO1	PO2	PO3	PO4	PO5
CO1	2	2	2	2	3
CO2	2	2	0	2	0
CO3	3	0	0	2	3
CO4	2	2	1	2	2
CO5	2	2	1	0	2
Average	2.2	1.6	0.8	0.8	2



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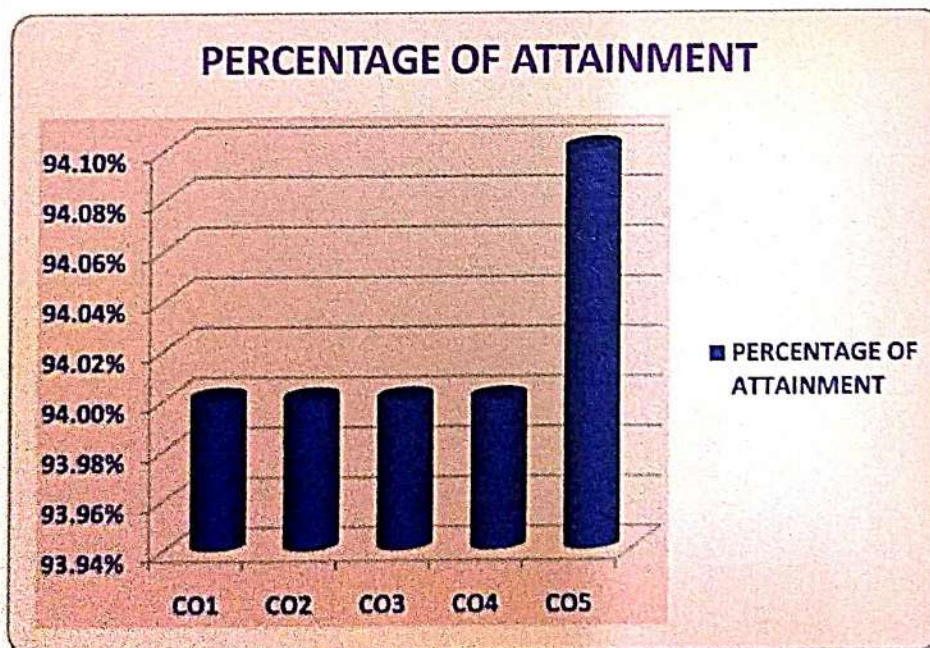
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## COURSE ATTAINMENT FOR B.Com

SUBJECT NAME : PRINCIPLES OF ACCOUNTANCY  
SUBJECT CODE : 21UCM01  
NO. OF STUDENTS : 33

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.00%
CO2	94.00%
CO3	94.00%
CO4	94.00%
CO5	94.10%



  
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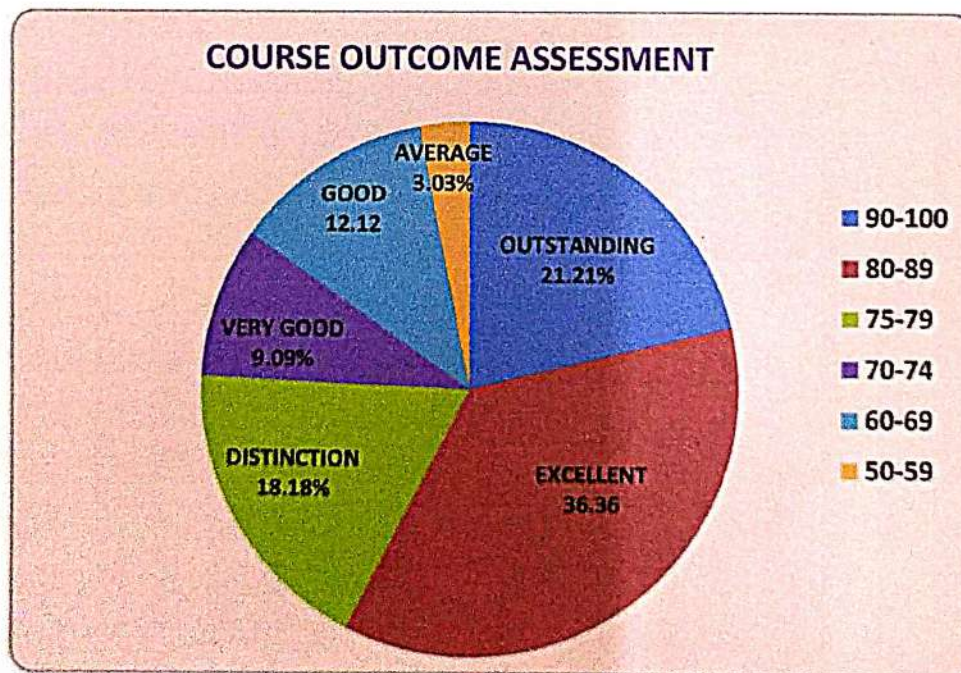
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## COURSE ATTAINMENT FOR B.Com

SUBJECT NAME : PRINCIPLES OF ACCOUNTANCY  
SUBJECT CODE : 21UCM01  
NO. OF STUDENTS : 33

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	7	OUTSTANDING
80-89	12	EXCELLENT
75-79	6	DISTINCTION
70-74	3	VERY GOOD
60-69	4	GOOD
50-59	1	AVERAGE
0-49	0	RE-APPEAR



  
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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	35	-20
CO2	19		L2	24	
CO3	19		L3	10	
CO4	19		L4	11	
CO5	19		L5	15	
<b>TOTAL</b>	<b>95*</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE


LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF MANAGEMENT STUDIES

Name of the Programme : BBA	
PO1	Upon completion of the BBA program, the individual must demonstrate maturity, professionalism and team working skills.
PO2	Upon completion of the BBA program the students will have general idea of operations in business.
PO3	Upon completion of the BBA program, the individual will have specialized skills to deal with area specific issues of concern.
PO4	Upon completion of the BBA program, the individual will be able to apply technological knowhow for business advancements
PO5	Upon completion of the BBA program, the individual will be capable of analyzing, investigating and solving critical business issues..
PO6	Individual and team work Summarize and apply theories of team composition, process, and motivation (including inclusivity and diversity) to effectively manage work teams.
PO7	Project management and finance Demonstrate knowledge and understanding of the business and management principles and apply those to one's own work, as a member and leader in a team, and to manage projects in multidisciplinary environments.
PO8	Continuous learning Recognize the need for, and have the preparedness and ability to engage in independently and also keep continuous learning in the broadest context of changes happening in business management.
PO9	Communication Communicate effectively on complex business management activities with the industry and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. Construct and communicate a logical, relevant, and professional quantitative assessment of business information in an effective manner



  
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Name of the Programme: BBA		
Course Code & Course Title	Course Outcome	
21UBA01 PRINCIPLES OF MANAGEMENT	CO1	Understand the concept of Management, its levels and functions.
	CO2	Determine the managerial roles and skills, with special attention to managerial responsibility for effective and efficient achievement of goals
	CO3	Understand the planning process, its types and various decision making models
	CO4	Ascertain the nature of organization structure, and its different types explaining Span of Control.
	CO5	Understand directing principles, its components and apply the control methods.

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	1	3	1	3	2	1	2	3
CO2	2	2	2	2	0	1	2	1	0
CO3	2	1	2	2	2	1	1	0	0
CO4	2	2	2	1	0	0	2	1	2
CO5	2	0	1	2	2	1	2	1	1
Average	2.0	1.2	2.0	1.6	1.4	1.0	1.6	1.0	1.0



  
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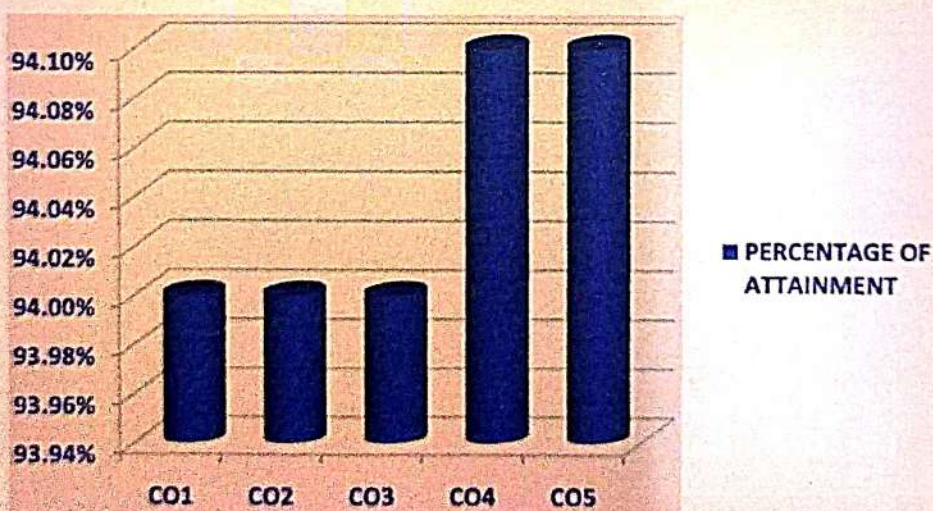



## COURSE ATTAINMENT FOR B.Sc Hotel Management & Catering Science

SUBJECT NAME : FOOD PRODUCTION AND PÂTISSERIE  
SUBJECT CODE : 21UHM01  
NO. OF STUDENTS : 49

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.00%
CO2	94.00%
CO3	94.00%
CO4	94.10%
CO5	94.10%

### PERCENTAGE OF ATTAINMENT



  
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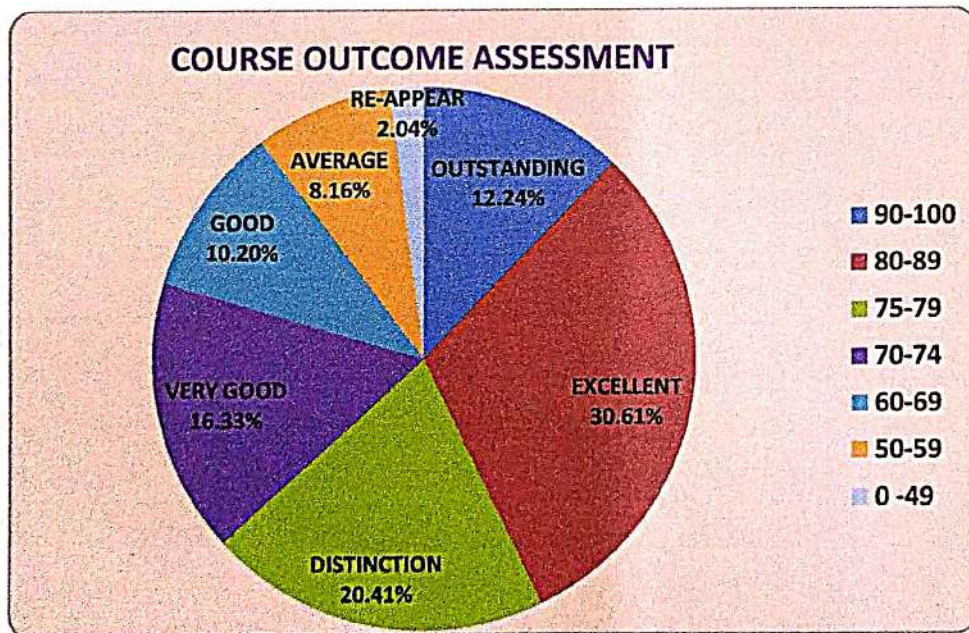
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SUBJECT NAME : FOOD PRODUCTION AND PATISSERIE  
SUBJECT CODE : 21UHM01  
NO. OF STUDENTS : 49

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	6	OUTSTANDING
80-89	15	EXCELLENT
75-79	10	DISTINCTION
70-74	8	VERY GOOD
60-69	5	GOOD
50-59	4	AVERAGE
0-49	1	RE-APPEAR



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CO1	19	-20	L1	32	-20
CO2	19		L2	21	
CO3	19		L3	14	
CO4	19		L4	13	
CO5	19		L5	15	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE


LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF MATHEMATICS

Name of the Programme : M.Sc Mathematics	
PO1	Gain knowledge in the fundamental subjects of pure and applied mathematics
PO2	Explain the mathematical concepts with good understanding and clarity
PO3	Conduct research independently with strong mathematics background
PO4	Crack lectureship/fellowship exams like CSIR – NET/JRF, GATE, NBHM, SET, TRB etc
PO5	Apply the acquired mathematical techniques to solve the socioeconomic and industrial problems
PO6	Obtain career in the field of education/research/industry

Name of the Programme: M.Sc Mathematics		
Course Code & Course Title	Course Outcome	
21PMA01 LINEAR ALGEBRA	CO1	To describe a diagonalizable operator T in a language of invariant direct sum decompositions (projections which commute with T).
	CO2	To find the minimal polynomials, Jordan forms and the rational forms of real matrices.
	CO3	To give the definition of concepts related to Linear transformation, Linear functional
	CO4	To demonstrate an understanding of Algebra of polynomials
	CO5	To solve invariant sums and direct sums

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	1	2	1	3	2
CO2	2	2	2	2	0	1
CO3	2	0	2	2	2	1
CO4	2	2	2	1	0	0
CO5	3	0	1	2	1	1
Average	2.2	1.1	1.8	1.6	1.2	1.0



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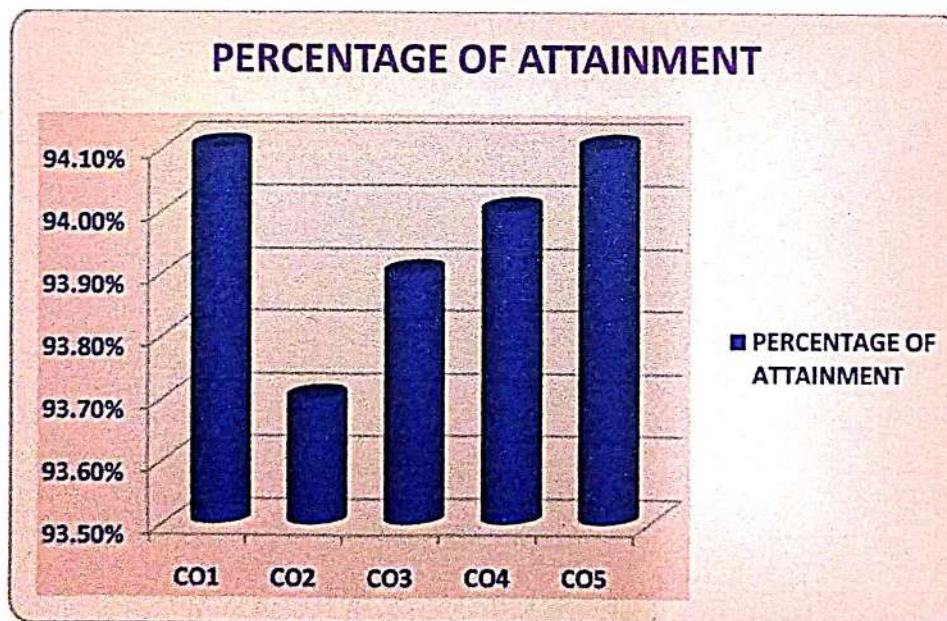
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## COURSE ATTAINMENT FOR M.Sc Mathematics

SUBJECT NAME : LINEAR ALGEBRA  
SUBJECT CODE : 21PMA01  
NO. OF STUDENTS : 09

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.10%
CO2	93.70%
CO3	93.90%
CO4	94.00%
CO5	94.10%



  
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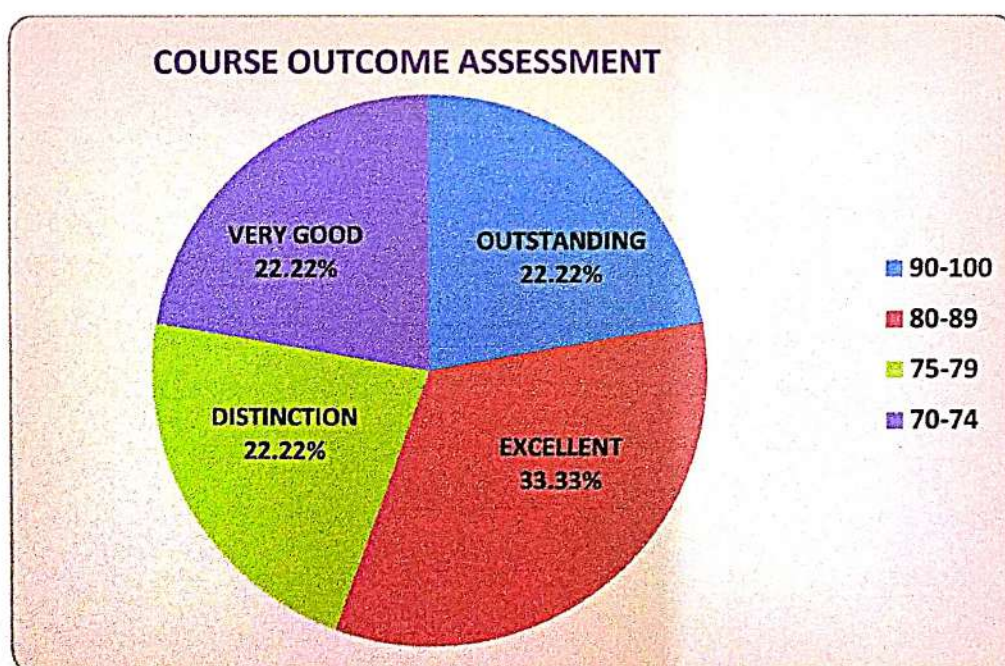
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## COURSE ATTAINMENT FOR M.Sc Mathematics

SUBJECT NAME : LINEAR ALGEBRA  
SUBJECT CODE : 21PMA01  
NO. OF STUDENTS : 09

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	2	OUTSTANDING
80-89	3	EXCELLENT
75-79	2	DISTINCTION
70-74	2	VERY GOOD
60-69	0	GOOD
50-59	0	AVERAGE
0 - 49	0	RE-APPEAR



  
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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	31	-20
CO2	19		L2	21	
CO3	19		L3	12	
CO4	19		L4	15	
CO5	19		L5	16	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE

LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF PHYSICS

Name of the Programme : M.Sc Physics	
PO1	Producing graduates who are well acquainted with the fundamentals of Physics and requisite skills, in order to use their knowledge in Physics in a wide range of practical applications.
PO2	Developing creative thinking and the power of imagination to enable graduates work in research in academia and industry for broader applications.
PO3	Relating the training of Physics graduates to the employment opportunities within the country.
PO4	To promote societal values through Physics related activities.
PO5	Understand the concepts of advanced physics and capable to apply them in real time problems to find appropriate solutions.
PO6	Develop model and analyse to derive solution using the background of theoretical physics.
PO7	Augment the application feasibility of Physics theoretical formulations in combination with relative concepts belongs to other discipline.
PO8	Apply learned experimental skill to develop newer materials with unique characteristics employing variety of synthesis techniques.
PO9	Develop software tools by applying the learned concepts in combination belongs to Mathematical physics, Quantum mechanics and computational physics.
PO10	Perceive novel and contemporary research philosophies globally facilitate to work at par with international standards.
PO11	Meet any challenge globally for employment in academic, research and industry by exposing the learned skill in diverse zone under Physics discipline.



  
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Name of the Programme: M.Sc Physics	
Course Code & Course Title	Course Outcome
21PPH01 Classical Mechanics, Thermodynamics and Statistical Mechanics	CO1 Apply Lagrangian equation of motion to oscillator and pendulum.
	CO2 Construct the Hamilton equation and canonical transformation.
	CO3 Relate the thermodynamics, microstates through thermodynamics postulates, quantities and relations.
	CO4 Identify the micro and macroscopic properties of the mater.
	CO5 Inspect the classical and quantum distribution laws and their relations.

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	2	1	2	1	3	2	1	2	3	2	3
CO2	1	0	2	2	0	1	2	2	0	1	2
CO3	1	2	2	2	2	1	1	0	2	2	0
CO4	1	2	2	2	1	1	2	2	2	2	2
CO5	1	0	2	2	0	0	0	1	2	0	1
Average	1.2	1.0	2.0	1.8	1.2	1.0	1.2	1.4	1.8	1.4	1.6



  
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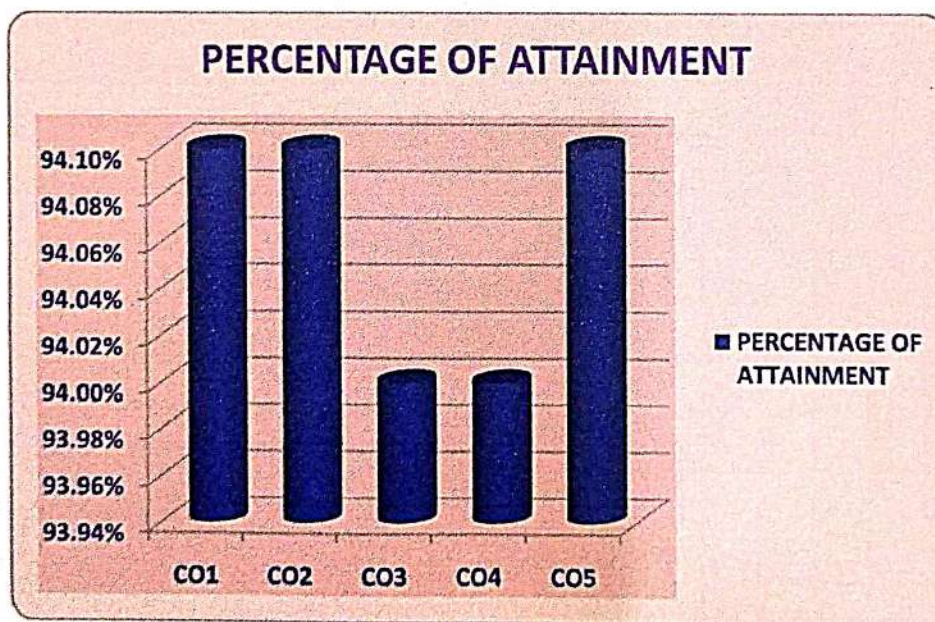
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## COURSE ATTAINMENT FOR M.Sc Physics

SUBJECT NAME : Classical Mechanics, Thermodynamics and Statistical Mechanics  
SUBJECT CODE : 21PPH01  
NO. OF STUDENTS : 24

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.10%
CO2	94.10%
CO3	94.00%
CO4	94.00%
CO5	94.10%



  
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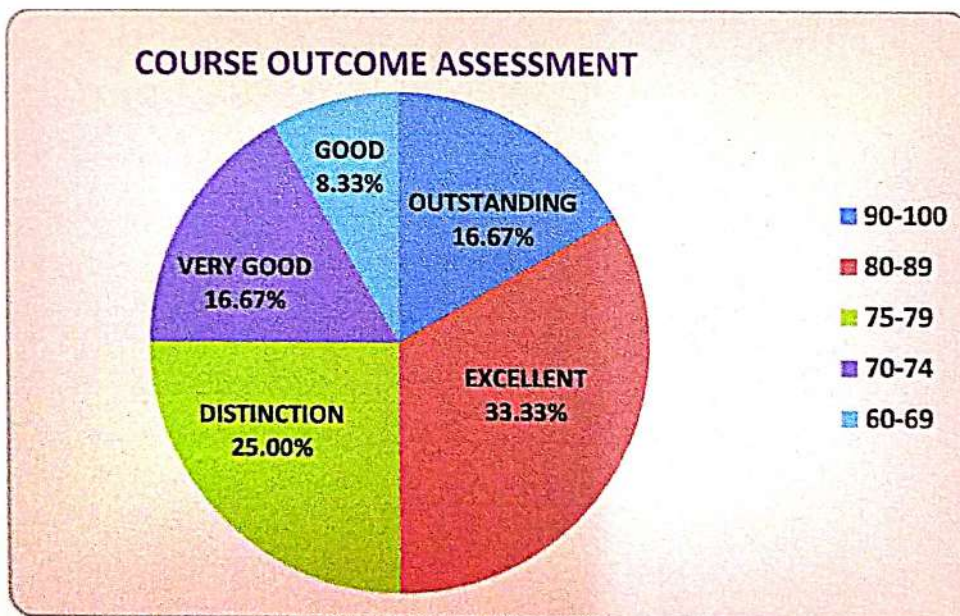
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## COURSE ATTAINMENT FOR M.Sc Physics

SUBJECT NAME : Classical Mechanics, Thermodynamics and Statistical Mechanics  
SUBJECT CODE : 21PPH01  
NO. OF STUDENTS : 24

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	4	OUTSTANDING
80-89	8	EXCELLENT
75-79	6	DISTINCTION
70-74	4	VERY GOOD
60-69	2	GOOD
50-59	0	AVERAGE
0 -49	0	RE-APPEAR



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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	32	-20
CO2	19		L2	22	
CO3	19		L3	11	
CO4	19		L4	14	
CO5	19		L5	16	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1
CO2 : COURSE OUTCOME FOR UNIT - 2
CO3 : COURSE OUTCOME FOR UNIT - 3
CO4 : COURSE OUTCOME FOR UNIT - 4
CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE
LEVEL 2 : UNDERSTANDING
LEVEL 3 : APPLY
LEVEL 4 : ANALYSE
LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF CHEMISTRY

Name of the Programme : B.Sc Chemistry	
PO1	An ability to apply knowledge of basic chemistry
PO2	Think critically and analyze chemical problems.
PO3	Present scientific and technical information resulting from laboratory experimentation in both written and oral formats.
PO4	Work effectively and safely in a laboratory environment.
PO5	Use technologies and instrumentation together to explore new areas of research.
PO6	Work as a member of interdisciplinary problem solving team.
PO7	Apply their scientific skill to innovative studies.

Name of the Programme: B.Sc Chemistry	
Course Code & Course Title	Course Outcome
21UCHA01 ALLIED CHEMISTRY - I	CO1 Study about the Chemical Bonding
	CO2 Outline the Nuclear Chemistry
	CO3 Describing the Basic Concepts of Organic Chemistry
	CO4 Exploring the Aromatic compounds
	CO5 Study the basic concepts of Polymer Chemistry

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	2	2	2	3	3	2	2
CO2	2	0	2	2	0	2	2
CO3	3	0	0	2	3	1	0
CO4	2	2	2	2	2	1	0
CO5	1	2	2	0	2	2	1
Average	2	1.2	1.6	1.8	2	1.6	1.0



  
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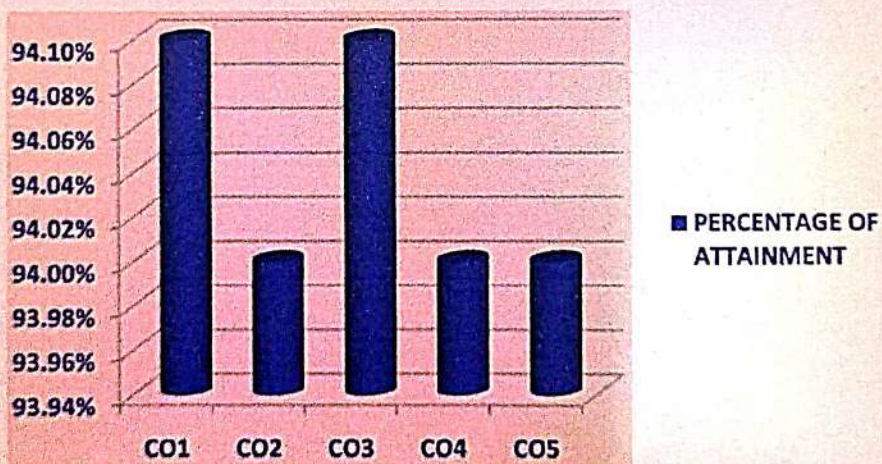



## COURSE ATTAINMENT FOR B.Sc Chemistry

SUBJECT NAME : ALLIED CHEMISTRY - I  
SUBJECT CODE : 21UCHA01  
NO. OF STUDENTS : 08

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.10%
CO2	94.00%
CO3	94.10%
CO4	94.00%
CO5	94.00%

### PERCENTAGE OF ATTAINMENT



  
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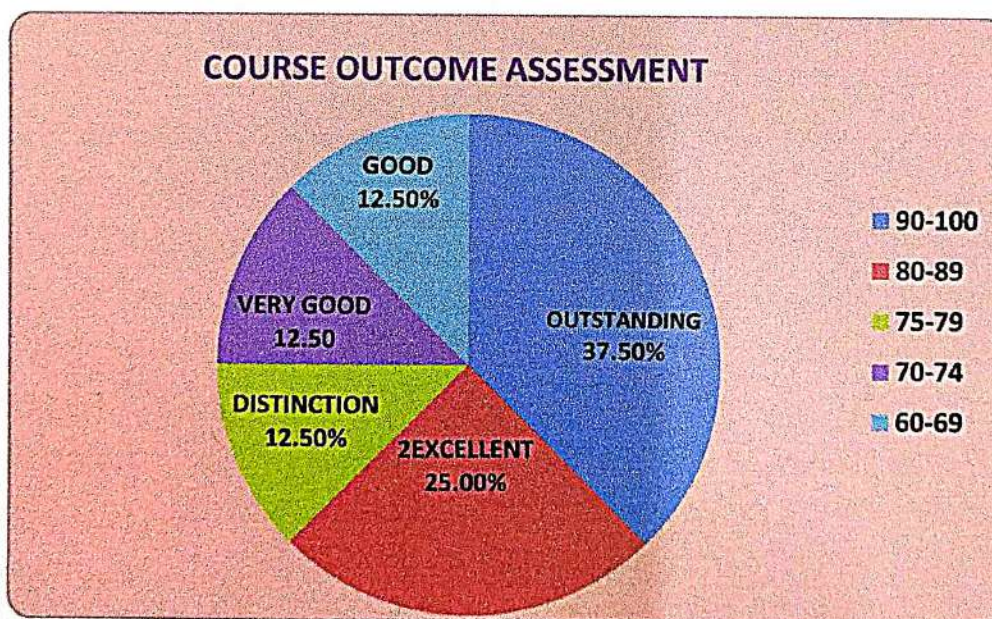
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## COURSE ATTAINMENT FOR B.Sc Chemistry

SUBJECT NAME : ALLIED CHEMISTRY - I  
SUBJECT CODE : 21UCHA01  
NO. OF STUDENTS : 08

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	3	OUTSTANDING
80-89	2	EXCELLENT
75-79	1	DISTINCTION
70-74	1	VERY GOOD
60-69	1	GOOD
50-59	0	AVERAGE
0 -49	0	RE-APPEAR



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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	37	-20
CO2	19		L2	21	
CO3	19		L3	10	
CO4	19		L4	12	
CO5	19		L5	14	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>94</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE


LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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PGP GROUP

## DEPARTMENT OF B.SC COMPUTER SCIENCE

Name of the Programme : B.Sc Computer Science	
PO1	An ability to apply knowledge of computing and mathematics appropriate to the discipline.
PO2	An ability to identify, formulate, and develop solutions to computational challenges.
PO3	An ability to design, implement, and evaluate a computational system to meet desired needs within realistic constraints.
PO4	An ability to function effectively on teams to accomplish shared computing design, evaluation, or implementation goals.
PO5	An understanding of professional, ethical, legal, security, and social issues and responsibilities for the computing profession.
PO6	An ability to analyze impacts of computing on individuals, organizations, and society.
PO7	An ability to use appropriate techniques, skills, and tools necessary for computing practice.
PO8	An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computational systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
PO9	An ability to apply design and development principles in the construction of software systems of varying complexity.



  
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Name of the Programme: B.Sc Computer Science	
Course Code & Course Title	Course Outcome
21UCS01 DIGITAL COMPUTER FUNDAMENTALS AND MICROPROCESSOR	CO1 Bridge the fundamental concepts of computers with the present level of knowledge of the students.
	CO2 Familiarise operating systems, programming languages, peripheral devices, networking, multimedia and internet.
	CO3 Understand how logic circuits and Boolean algebra forms as the basics of digital computer.
	CO4 Demonstrate the building up of Sequential and combinational logic from basic gates.
	CO5 Describe the working and design of ROM, RAM, Memory storage cell and the various read and write operations.

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	2	2	1	3	2	1	2	1
CO2	2	2	2	2	0	1	1	1	1
CO3	2	1	2	2	2	1	3	0	2
CO4	2	2	2	1	1	0	2	0	2
CO5	2	1	2	1	0	1	2	1	0
Average	2.2	1.6	2.0	1.4	1.2	1.0	1.8	0.8	1.2



  
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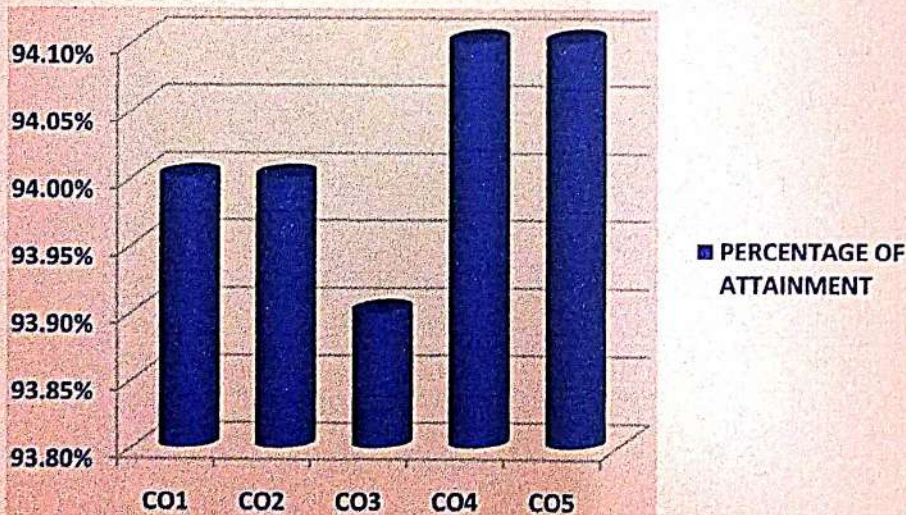
PGP GROUP

## COURSE ATTAINMENT FOR B.Sc Computer Science

**SUBJECT NAME** : DIGITAL COMPUTER FUNDAMENTALS AND MICROPROCESSOR  
**SUBJECT CODE** : 21UCS01  
**NO. OF STUDENTS** : 26

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.00%
CO2	94.00%
CO3	93.90%
CO4	94.10%
CO5	94.10%

### PERCENTAGE OF ATTAINMENT



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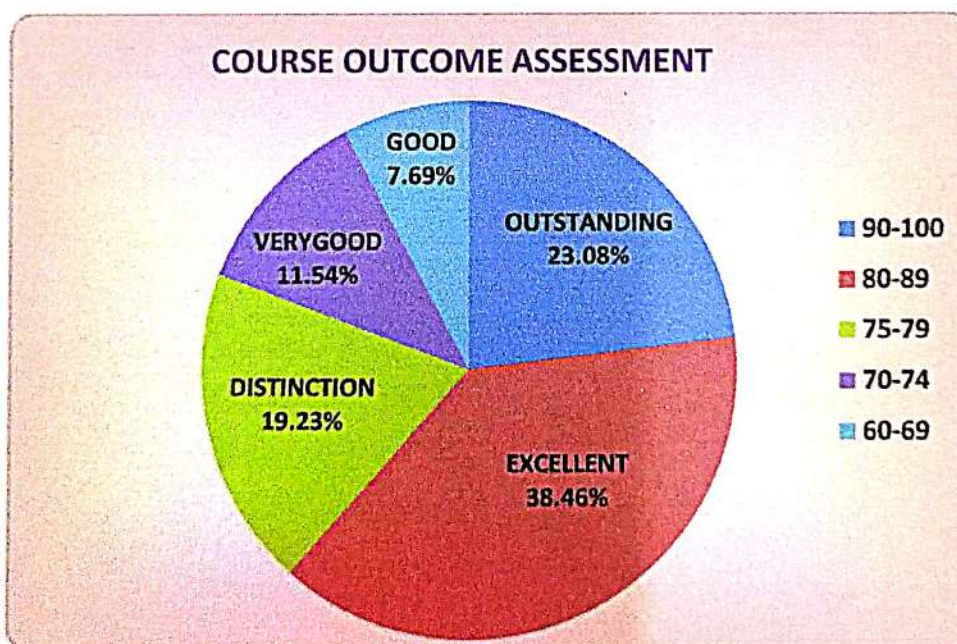
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## COURSE ATTAINMENT FOR B.Sc Computer Science

SUBJECT NAME : DIGITAL COMPUTER FUNDAMENTALS AND MICROPROCESSOR  
SUBJECT CODE : 21UCS01  
NO. OF STUDENTS : 26

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	6	OUTSTANDING
80-89	10	EXCELLENT
75-79	5	DISTINCTION
70-74	3	VERY GOOD
60-69	2	GOOD
50-59	0	AVERAGE
0-49	0	RE-APPEAR



  
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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	32	-20
CO2	19		L2	23	
CO3	19		L3	12	
CO4	19		L4	14	
CO5	19		L5	14	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE


LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF BIOCHEMISTRY

Name of the Programme: B.Sc Biochemistry	
PO1	<b>Disciplinary knowledge:</b> Ability to understand fundamental concepts of Biochemistry; Ability to apply basic principles of chemistry to Biological Systems and Molecular Biology; Ability to relate various interrelated physiological and metabolic events; A general awareness of current developments at the forefront in Biochemistry and Allied subjects; Ability to critically evaluate a problem and resolve to challenge blindly accepted concepts; Zeal and ability to work safely and effectively in a laboratory; Good experimental and quantitative skills encompassing preparation of laboratory reagents, conducting experiments, satisfactory analyses of data and interpretation of results; Awareness of resources, and their conservation; Ability to think laterally and in an integrating manner and develop interdisciplinary approach; Overall knowledge of the avenues for research and higher academic achievements in the field of Biochemistry and allied subjects.
PO2	<b>Communication Skills:</b> Ability to speak and write clearly in English; Ability to listen to and follow scientific viewpoints and engage with them.
PO3	<b>Problem solving:</b> ability to closely observe the situation, and apply lateral thinking and analytical skills.
PO4	<b>Analytical reasoning:</b> Ability to evaluate the strengths and weaknesses in scholarly texts spotting flaws in their arguments; Ability to use critics and theorists to create a framework and to substantiate one's argument in one's reading of scientific texts.
PO5	<b>Team work /Time Management:</b> Ability to participate constructively in class room discussions; Ability to contribute to group work; Ability to meet a deadline.
PO6	<b>Scientific reasoning:</b> Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective. Ability to formulate logical and convincing arguments.
PO7	<b>Self-directed learning:</b> Ability to work independently in terms of organizing laboratory, and critically analyzing research literature; Ability to postulate hypothesis, questions and search for answers.
PO8	<b>Digital literacy:</b> Ability to use digital sources, and apply various platforms to convey and explain concepts of Biochemistry
PO9	<b>Moral and ethical awareness/reasoning:</b> Ability to interrogate one's own ethical values and to be aware of ethical and environmental issues; Ability to read values inherited in society and criticism vis a vis, the environment, religion and spirituality as also structures of power
PO10	<b>Leadership readiness:</b> Ability to lead group discussions, to formulate questions related to scientific and social issues.



  
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Name of the Programme: B.Sc Biochemistry	
Course Code & Course Title	Course Outcome
21UBC01 BASICS OF BIOCHEMISTRY	CO1 Summarize structures, Isomerism and functions of different types of carbohydrates
	CO2 Understand the nature of amino acids and proteins with their structure and their roles.
	CO3 Demonstrate about the lipids and lipoproteins along with their role.
	CO4 Explain the structure and properties of Nucleic acids and Nucleoproteins
	CO5 Describe about source and importance of Vitamins.

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	2	3	3	2	2	2	3	2
CO2	2	0	2	2	0	1	2	3	1	2
CO3	2	1	3	2	2	1	2	2	2	2
CO4	2	0	2	2	1	2	2	2	2	2
CO5	2	0	2	1	0	1	2	1	1	2
Average	2	0.6	2.2	2	1.2	1.4	2	2	1.8	2



  
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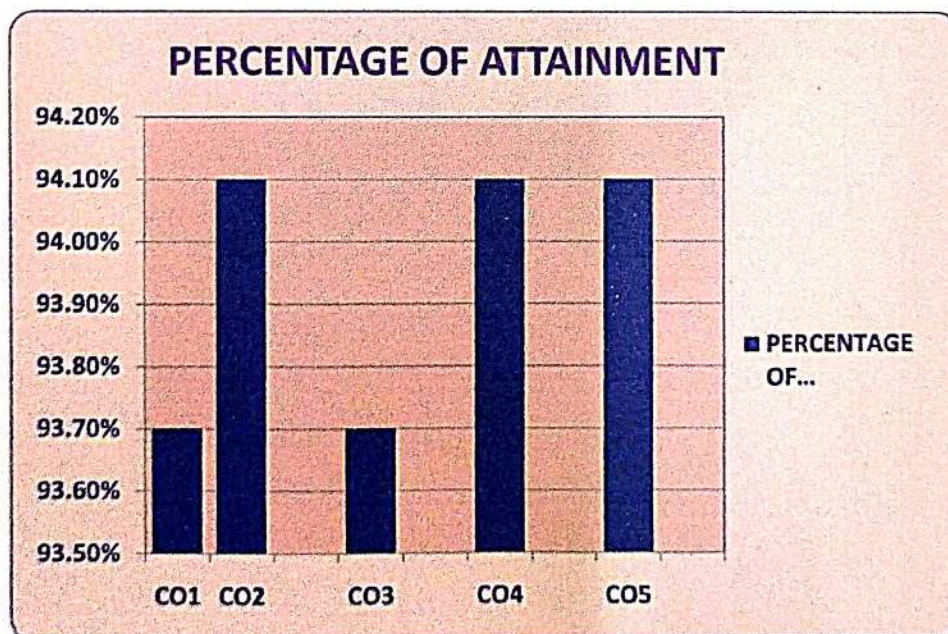
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## COURSE ATTAINMENT FOR B.Sc Biochemistry

SUBJECT NAME : BASICS OF BIOCHEMISTRY  
SUBJECT CODE : 21UBC01  
NO. OF STUDENTS : 03

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	93.70%
CO2	94.10%
CO3	93.70%
CO4	94.10%
CO5	94.10%



  
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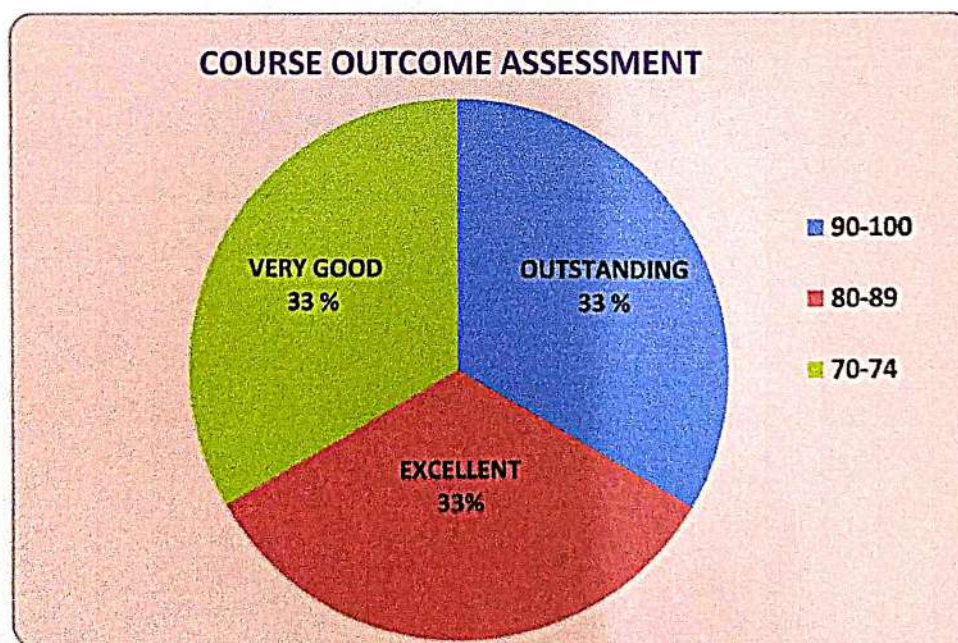



PGP GROUP

## COURSE ATTAINMENT FOR B.Sc Biochemistry

SUBJECT NAME : BASICS OF BIOCHEMISTRY  
SUBJECT CODE : 21UBC01  
NO. OF STUDENTS : 03

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	1	OUTSTANDING
80-89	1	EXCELLENT
75-79	0	DISTINCTION
70-74	1	VERY GOOD
60-69	0	GOOD
50-59	0	AVERAGE
0-49	0	RE-APPEAR



  
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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	37	-20
CO2	19		L2	22	
CO3	19		L3	10	
CO4	19		L4	12	
CO5	19		L5	14	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE


LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF BIOTECHNOLOGY

Name of the Programme : B.Sc Biotechnology	
PO1	Design the model of a cell.
PO2	Differentiate the structure of Prokaryotic and Eukaryotic Cell.
PO3	Explain the Organization of Genes and Chromosomes , Chromosomes , morphology and its applications .
PO4	Compare and contrast the events of Cell cycle and its regulations.
PO5	Explain the communications of Cells with other cells and to the Environment.
PO6	To know the cell Organelles and locate its parts along with functions.
PO7	Be aware of the laboratory rules and Regulations. The Importance evolution and Diversity of cells and preparation of Slides . Learns to Visualize the Cells by employing different types of Microscopes .
PO8	Overview historical overview of microbial genetics and genetic Materials , Gene expression and Mutation,, Knowledge about mutation, understood the analytical techniques in the field of Biotechnology to understand the basic principles of Bioanalytical instruments .
PO9	The concept of Mitosis and visualize the sex chromatin under the microscope. To give hands on experience in quantification of important biological constituents of cell.
PO10	Analyze the media composition and grow the desired microbe. Apply the knowledge to enumerate the microorganisms from natural environment. Evaluate the success of understanding the viruses



  
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Name of the Programme: B.Sc Biotechnology		
Course Code & Course Title	Course Outcome	
21UBT01 CELL BIOLOGY	CO1	On the successful completion of the course, student will be able to Design the model of a cell.
	CO2	Differentiate the structure of prokaryotic and eukaryotic cell.
	CO3	Explain the organization of Genes and chromosomes, chromosome morphology and its aberrations Compare and contrast the events of cell cycle and its regulation
	CO4	Explain the communications of cells with other cells and to the environment.
	CO5	To know the cell organelles and locate its parts along with functions

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	2	3	3	2	2	2	3	2
CO2	2	0	2	2	0	2	2	3	1	2
CO3	3	1	3	2	2	1	2	2	2	2
CO4	2	2	2	2	1	2	2	2	2	2
CO5	2	2	2	0	2	2	2	1	2	2
Average	2.2	1.4	2.2	1.8	1.6	1.8	2	2	2	2



  
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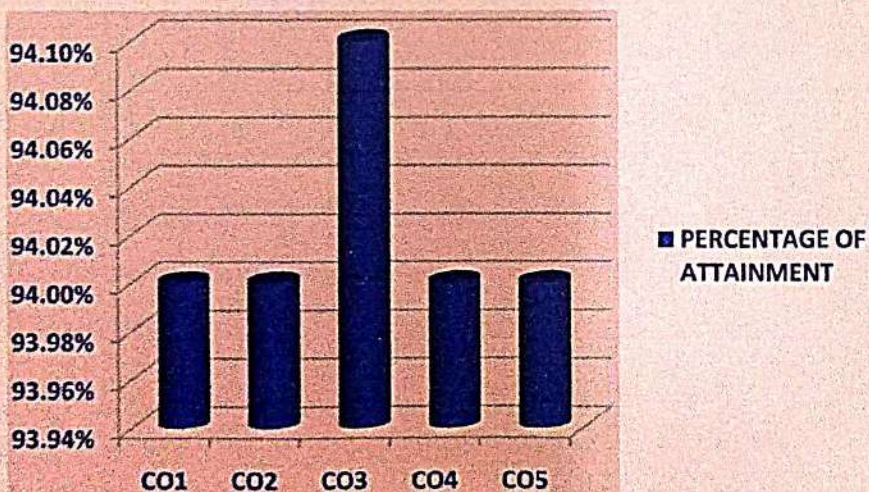


## COURSE ATTAINMENT FOR B.Sc Biotechnology

SUBJECT NAME : CELL BIOLOGY  
SUBJECT CODE : 21UBT01  
NO. OF STUDENTS : 13

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.00%
CO2	94.00%
CO3	94.10%
CO4	94.00%
CO5	94.00%

### PERCENTAGE OF ATTAINMENT



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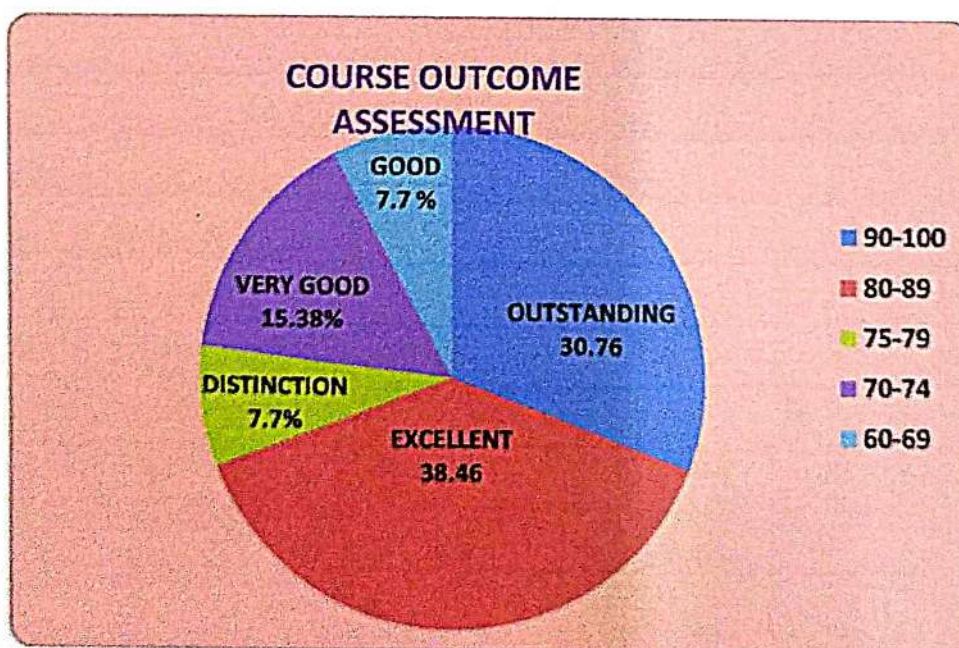
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## COURSE ATTAINMENT FOR B.Sc Biotechnology

SUBJECT NAME : CELL BIOLOGY  
SUBJECT CODE : 21UBT01  
NO. OF STUDENTS : 13

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	4	OUTSTANDING
80-89	5	EXCELLENT
75-79	1	DISTINCTION
70-74	2	VERY GOOD
60-69	1	GOOD
50-59	0	AVERAGE
0-49	0	RE-APPEAR



  
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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	35	-20
CO2	19		L2	24	
CO3	19		L3	11	
CO4	19		L4	13	
CO5	19		L5	12	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE

LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF MICROBIOLOGY

Name of the Programme : B.Sc Microbiology	
PO1	Understand the contribution of various scientists and scope of different branches of microbiology
PO2	Recognize various kinds of prokaryotic and eukaryotic microbes and their importance
PO3	Explain and describe importance of organic compounds and their chemistry
PO4	Make clear the structure of DNA, RNA and Protein
PO5	Understand the physiological behavior of microorganisms
PO6	Comprehend the importance of instruments and techniques in microbiology
PO7	Value the nature of macromolecules
PO8	Know the Environmental and Medical insight of microorganisms
PO9	To be familiar with structure and functions of main building blocks of life



  
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Name of the Programme: B.Sc Microbiology	
Course Code & Course Title	Course Outcome
21UMB01 BASICS OF MICROBIOLOGY	CO1 To learn history, development and fundamentals of microbiology
	CO2 To understand basic techniques to study microorganisms
	CO3 To get information about different branches of microbiology
	CO4 To acquire awareness about the life cycle of significant individuals
	CO5 To gain the knowledge of economic importance of microorganisms

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	1	3	1	3	2	1	2	3
CO2	1	2	2	2	0	1	2	1	0
CO3	1	0	2	1	2	1	1	0	2
CO4	1	2	2	1	0	1	1	2	2
CO5	2	0	2	2	1	0	0	1	1
Average	1.4	1.0	2.2	1.4	1.2	1.0	1.0	1.2	1.6



  
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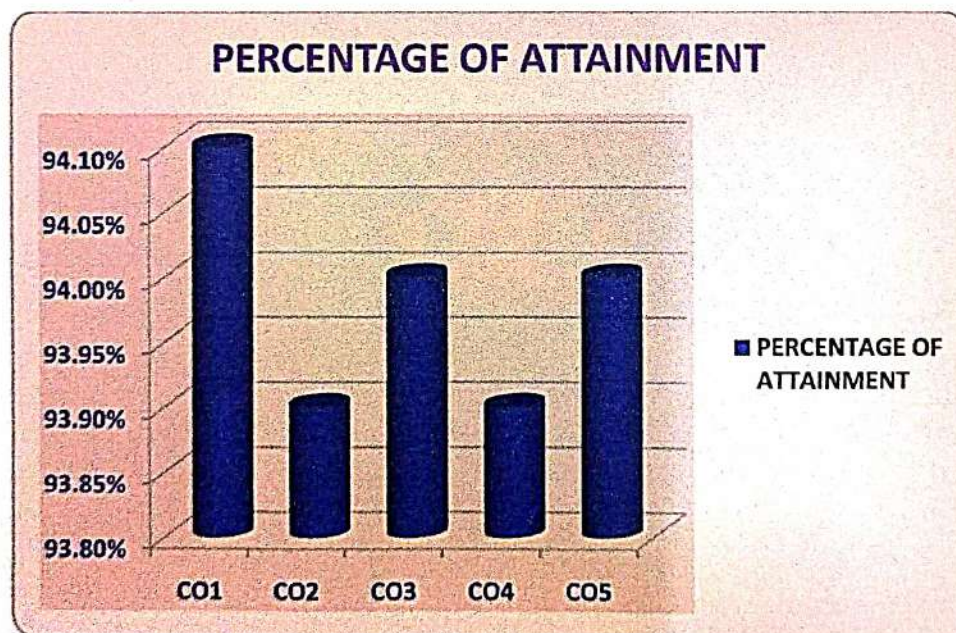


PGP GROUP

## COURSE ATTAINMENT FOR B.Sc Microbiology

SUBJECT NAME : BASICS OF MICROBIOLOGY  
SUBJECT CODE : 21UMB01  
NO. OF STUDENTS : 13

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.10%
CO2	93.90%
CO3	94.00%
CO4	93.90%
CO5	94.00%



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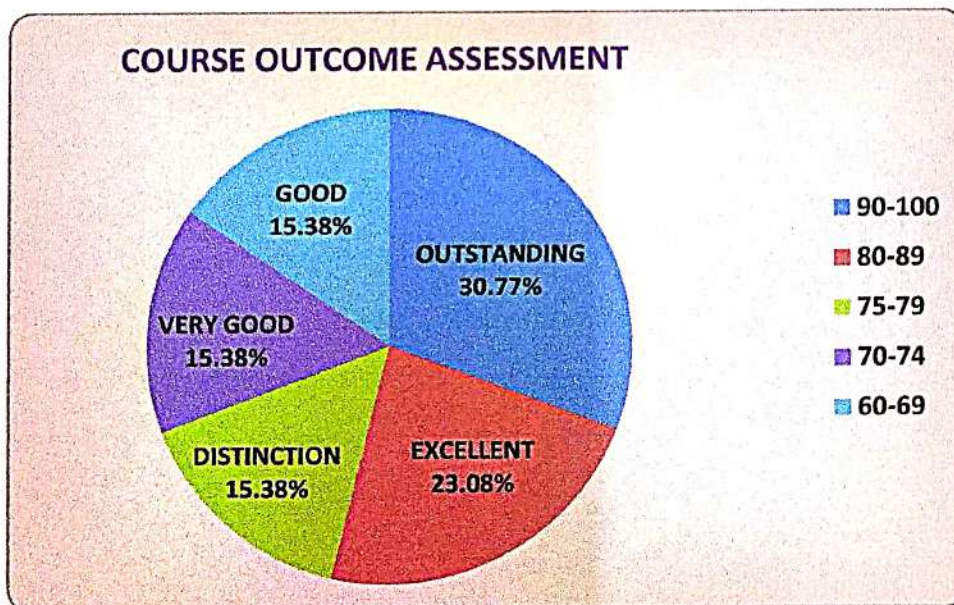
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## COURSE ATTAINMENT FOR B.Sc Microbiology

SUBJECT NAME : BASICS OF MICROBIOLOGY  
SUBJECT CODE : 21UMB01  
NO. OF STUDENTS : 13

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	4	OUTSTANDING
80-89	3	EXCELLENT
75-79	2	DISTINCTION
70-74	2	VERY GOOD
60-69	2	GOOD
50-59	0	AVERAGE
0 -49	0	RE-APPEAR



  
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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	31	-20
CO2	19		L2	22	
CO3	19		L3	13	
CO4	19		L4	13	
CO5	19		L5	16	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE

LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF FOOD PROCESSING

Name of the Programme : M.Sc Food Processing	
PO1	To ensure that the students have adequate knowledge and skills, so that they are ready to work at each exit point of the programme.
PO2	They will understand the requirement of food with respect to energy, food and consumer safety, nutrients and their impact on health.
PO3	They will learn how to implement their ideas in innovative product development.
PO4	To provide judicious mix of skills relating to a profession and appropriate content of General Education in food laws and processing methods.
PO5	They will learn shelf-life study of new product, test of quality parameters, and physical, chemical and microbiological test of product.
PO6	Students will learn about how to search research articles and reviews related to particular food products.
PO7	To promote research and development for food product and process and guarantee sanitation and safety of processed food items.

Name of the Programme: M.Sc Food Processing		
Course Code & Course Title	Course Outcome	
21PFP01 FOOD CHEMISTRY	CO1	Physico – chemical properties of foods and water properties.
	CO2	Carbohydrate – classifications, properties and structure
	CO3	Protein- classifications, structure, physical and chemical properties on foods.
	CO4	Lipids - classifications, physical, chemical properties and structure.
	CO5	Vitamins & Minerals- classifications, properties and structure.

PO→ CO↓	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	1	2	2	3	1	2	3
CO2	2	2	2	2	0	1	2
CO3	1	2	2	2	2	1	3
CO4	2	2	2	1	1	0	2
CO5	1	0	2	1	0	0	2
Average	1.4	1.6	2.0	1.8	1.2	0.8	2.2



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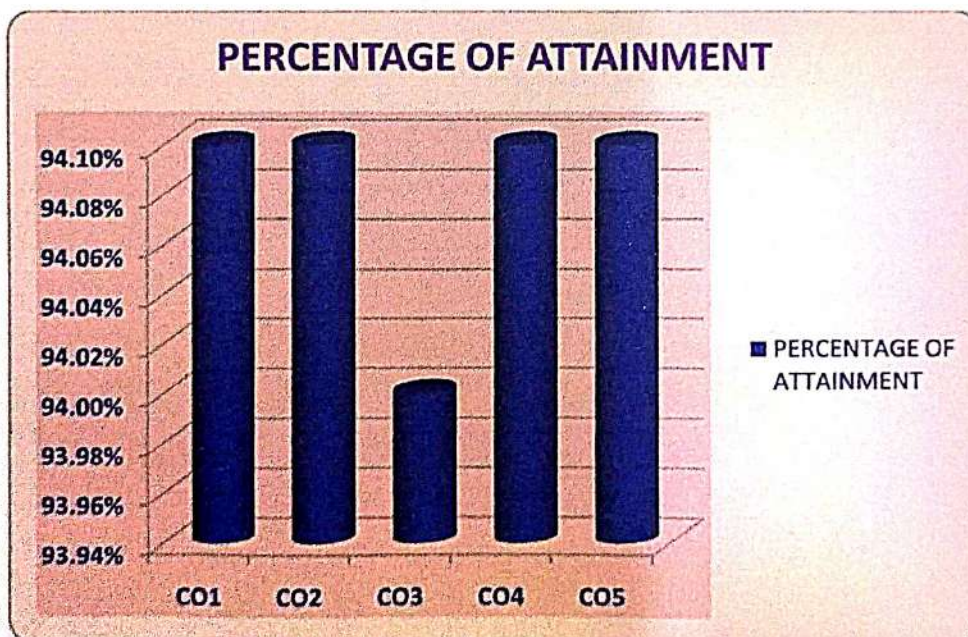
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## COURSE ATTAINMENT FOR M.Sc Food Processing

SUBJECT NAME : FOOD CHEMISTRY  
SUBJECT CODE : 21FPF01  
NO. OF STUDENTS : 34

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.10%
CO2	94.10%
CO3	94.00%
CO4	94.10%
CO5	94.10%



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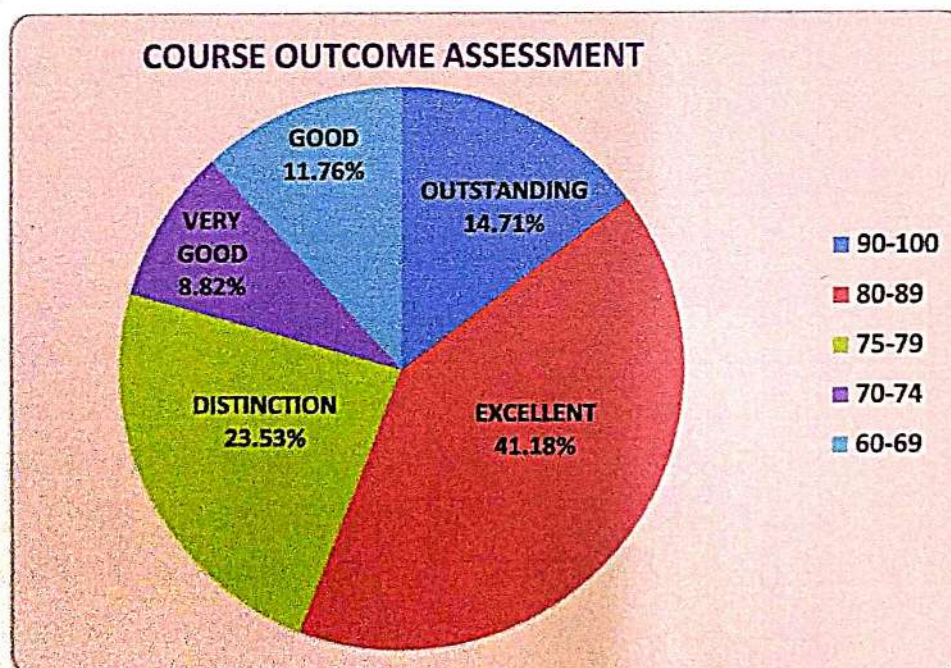
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## COURSE ATTAINMENT FOR M.Sc Food Processing

SUBJECT NAME : FOOD CHEMISTRY  
SUBJECT CODE : 21FPF01  
NO. OF STUDENTS : 34

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	5	OUTSTANDING
80-89	14	EXCELLENT
75-79	8	DISTINCTION
70-74	3	VERY GOOD
60-69	4	GOOD
50-59	0	AVERAGE
0-49	0	RE-APPEAR



  
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COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	30	-20
CO2	19		L2	25	
CO3	19		L3	12	
CO4	19		L4	13	
CO5	19		L5	15	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE

LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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## DEPARTMENT OF HOTEL MANAGEMENT & CATERING SCIENCE

Name of the Programme : B.Sc HMCS	
PO1	An ability to apply knowledge of Hotel Management appropriate to the discipline.
PO2	To provide basic and essential knowledge regarding various activities undertaken and necessary.
PO3	To impart certain basic skills and aptitude which will be useful in taking up any particular useful in taking up any particular activity in hospitality industry?
PO4	To develop the personality so as to become responsible citizen with greater awareness about the Indian society and its culture,
PO5	To provide a global view of several multinational hotel and their functions which support hotel systems?
PO6	The programme of study shall consist of foundation courses; skill based elective course (SBEC) and non-major elective course.
PO7	The non major elective courses (NMEC) offered by a department is mean for students studying other programme (i.e.) HMCS students have to study a NMEC offered by
PO8	As a part of the curriculum, a minimum of two hotel visit per year. A young trainee's first industry exposure is likely to be the most influential that person's career.
PO9	Maintain a high standard of quality of work.



  
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PGP GROUP

Name of the Programme: B.Sc HMCS	
Course Code & Course Title	Course Outcome
21UHM01 FOOD PRODUCTION AND PATISSERIE	CO1 Aims and objectives of cooking Importance of personal hygiene
	CO2 Safety procedure in handling kitchen equipments Types of fuels used in Food production Kitchen equipment and classification Kitchen Organization chart for a five star Hotel Duties and responsibilities of chef de cuisine, sous-chef, Chef-de-partie and commis
	CO3 Characteristics of raw materials-salt liquid, Sweetening agents, Raising agents, fats and oils, Thickening agent, Flavouring and seasoning Various Techniques used in the preparation of Ingredients. Methods of cooking – Boiling, Steaming, Stewing, Roasting, Grilling, Frying, baking Principles of each methods of cooking Care and precaution to be taken in each methods
	CO4 Methods of cooking – Boiling, Steaming, Stewing, Roasting, Grilling, Frying, baking Principles of each methods of cooking Care and precaution to be taken in each methods
	CO5 Definition of stock – Types of Stocks and Uses. Characteristics of Good Stock. Recipes for One Liter of each type of Stock

PO→ CO↓	PO1	PO 2	PO3	PO4	PO 5	PO 6	PO 7	PO 8	PO 9
CO1	1	2	2	1	3	2	1	2	2
CO2	2	2	2	2	0	1	2	1	1
CO3	2	1	2	2	2	1	3	0	2
CO4	2	2	2	3	1	0	2	0	1
CO5	2	0	2	1	0	1	2	1	0
Average	1.8	1.4	2.0	1.8	1.2	1.0	2.0	0.8	1.2



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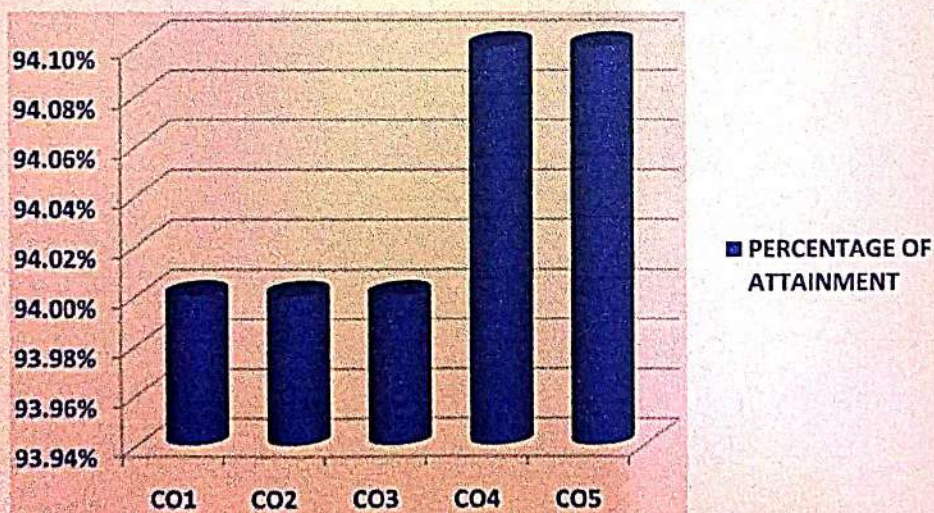


## COURSE ATTAINMENT FOR B.Sc Hotel Management & Catering Science

SUBJECT NAME : FOOD PRODUCTION AND PATISSERIE  
SUBJECT CODE : 21UHM01  
NO. OF STUDENTS : 49

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
CO1	94.00%
CO2	94.00%
CO3	94.00%
CO4	94.10%
CO5	94.10%

### PERCENTAGE OF ATTAINMENT



  
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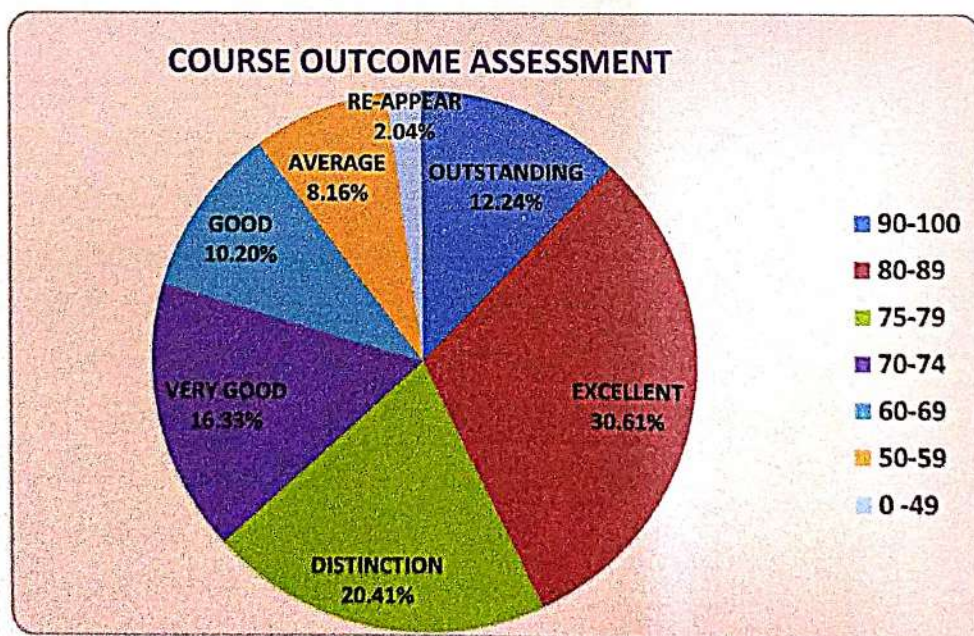
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## COURSE ATTAINMENT FOR B.Sc Hotel Management & Catering Science

SUBJECT NAME : FOOD PRODUCTION AND PATISSERIE  
SUBJECT CODE : 21UHM01  
NO. OF STUDENTS : 49

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO.OF.STUDENTS	STATUS
90-100	6	OUTSTANDING
80-89	15	EXCELLENT
75-79	10	DISTINCTION
70-74	8	VERY GOOD
60-69	5	GOOD
50-59	4	AVERAGE
0 -49	1	RE-APPEAR



  
PRINCIPAL  
PGP College of Arts and Science  
Namakkal



# PGP COLLEGE OF ARTS AND SCIENCE

NH-7, Namakkal – Karur Main Road, Namakkal – 637 207

(Affiliated to Periyar University, Salem and Approved by AICTE,

New Delhi, Reaccredited by NAAC and Recognized by UGC with 2(f) & 12(B))



PGP GROUP

COURSE OUTCOME	TOTAL MARKS(Without choice)	Depends on Q21 to Q25 (Any Three)	KNOWLEDGE LEVEL	TOTAL MARKS (Without choice)	Depends on Q21 to Q25 (Any Three)
CO1	19	-20	L1	32	-20
CO2	19		L2	22	
CO3	19		L3	12	
CO4	19		L4	14	
CO5	19		L5	15	
<b>TOTAL</b>	<b>95</b>	<b>75</b>		<b>95</b>	<b>75</b>

CO1 : COURSE OUTCOME FOR UNIT - 1

CO2 : COURSE OUTCOME FOR UNIT - 2

CO3 : COURSE OUTCOME FOR UNIT - 3

CO4 : COURSE OUTCOME FOR UNIT - 4

CO5 : COURSE OUTCOME FOR UNIT - 5

LEVEL 1 : KNOWLEDGE


LEVEL 2 : UNDERSTANDING

LEVEL 3 : APPLY

LEVEL 4 : ANALYSE

LEVEL 5 : CREATIVITY



  
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