

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for All First Year UG Courses effective from the year 2024-2025

Sem	Category	Course Code	Course Title	Hours	Credits	Int. Marks	Ext. Marks	Max. Marks
I	GEL	U24FTA101	TAMIL - I	60	3	25	75	100

OBJECTIVES

- தமிழ் மொழியின் பண்புகளை மாணவர் மனதில் பதிய வைத்தல் தாய்மொழியின் பழமை, சிறப்பு, விழுமியங்கள் ஆகியவற்றைக் கற்பித்தல். செவ்வியல் இலக்கியங்களை அறியச் செய்தல்
- தமிழில் உள்ள இலக்கிய வடிவங்களை அறிமுகப்படுத்தி படைப்பாக்கத்திற்கு துணை நிறுதல். இலக்கிய இலக்கணக் கற்றல் வழி போட்டித் தேர்வுகளுக்கு ஆயத்தப்படுத்தல்.

COURSE OUTCOME(S)

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	செவ்வியல் இலக்கிய நெடிய வரலாறு, இலக்கணப் பயிற்சி வழி போட்டித் தேர்வுகளை எதிர்கொள்ளல்.	K3
CO2	சமூகச் நிலைப்பாடு, பண்டைய அரச வரலாறு போன்றவற்றை விளக்கி, வாசிப்பையும் உச்சரிப்பையும் மேம்படுத்தி புரியவைத்தல்	K2
CO3	நீதி இலக்கியங்களின் வழி ஒழுக்க விழுமியங்களை வலியுறுத்தி அறவுரைகளை மேற்கொள்ளல்.	K3
CO4	காப்பிய மாந்தர்களின் வாழ்வியல் வழி தனி மனித மன உணர்வுகளை வெளிக் கொணரல்	K4
CO5	பக்தி இயக்க காலத்தில் சமூகப் பண்பாட்டு வரலாற்றை இனம் காணல்.	K2

அலகு - 1	இலக்கணம் & இலக்கிய வரலாறு அறிமுகம் 1. ஐந்திலக்கணம் - அறிமுகம் 2. சங்க இலக்கியங்கள் - எட்டுத்தொகை, பத்துப்பாட்டு 3. நீதி இலக்கியங்கள் 4. காப்பியங்கள் 5. பக்தி இலக்கியங்கள்	(12 Hours)
அலகு - 2	சங்க இலக்கியம் 1. நற்றிணை - 3 பாடல்கள் (எண்கள் : 47,96,285) 2. குறுந்தொகை - 6 பாடல்கள் (எண்கள் : 18,27,58,371,399,400) 3. புறநானூறு - 6 பாடல்கள் (எண்கள் : 25,86,92,183) 4. முல்லைப் பாட்டு - (முழுவதும்)	(12 Hours)
அலகு - 3	அற இலக்கியம் 1. திருக்குறள் - அறன் வலியுறுத்தல் 2. நாலடியார் - 8 பாடல்கள் 3. பழமொழி நானூறு - 8 பாடல்கள் 4. இனியவை நாற்பது - 8 பாடல்கள்	(12 Hours)
அலகு - 4	காப்பியம் & சமய இலக்கியம் 1. சிலப்பதிகாரம் - வழக்குரை காதை (முழுவதும்) 2. கம்ப ராமாயணம் - குகப்படலம் (25 பாடல்கள்) 3. சீறாப்புராணம் - மானுக்குப் பிணை நின்ற படலம் (30 பாடல்கள்) 4. இயேசு காவியம் - ஊதாரிப் பிள்ளை (முழுவதும்)	(12 Hours)
அலகு - 5	பக்தி & பகுத்தறிவு இலக்கியம் 1. நாயன்மார் பாசுரங்கள் - சமயக்குரவர் நால்வர் (4 பாடல்கள்) 2. ஆழ்வார் பாசுரங்கள் - முதலாழ்வார்கள் மற்றும் ஆண்டாள் (4 பாடல்கள்) 3. திருமந்திரம் - திருமுலர் (7 பாடல்கள்) 4. இராவண காவியம் - புலவர் குழந்தை (5 பாடல்கள்)	(12 Hours)

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- 1 செய்யுள் திரட்டு - தமிழ்த்துறை, சி.அப்துல் ஹக்கீம் கல்லூரி வெளியீடு. 2024 சூன் வெளியீடு
- 2 தமிழ் இலக்கிய வரலாறு - பேரா.மது.ச.விமலானந்தம்
அபிராமி பதிப்பகம், இராயபுரம், சென்னை -13
மறு பதிப்பு -2002
- 3 நற்றிமிழ் இலக்கணம் - டாக்டர்.சொ.பரமசிவம்,
பட்டுப் பதிப்பகம், 1269, 32-ஆம் தெரு
அண்ணாநகர் மேற்கு, கம்பர் குடியிருப்பு,
சென்னை -40
பன்னிரண்டாம் பதிப்பு -2012

Web Sources

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- Catalogue of the Tamil books in the Library of British Congress archive.org
- Tamil novels on line - books.tamilcube.com

Cos	Programme Outcomes					Programme Specific Outcomes					Mean
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	1	1	3	2	2	-	-	-	-	-	
CO2	1	2	2	3	3	-	-	-	-	-	
CO3	2	2	3	2	3	-	-	-	-	-	
CO4	3	2	2	2	3	-	-	-	-	-	
CO5	3	2	3	2	3	-	-	-	-	-	
Mean Overall Score											

3 – Strong; 2 – Medium; 1 – Low

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Syllabus for All First Year UG Courses effective from the year 2024-2025

Sem	Category	Course Code	Course Title	Hours	Credits	Int. Marks	Ext. Marks	Max. Marks
II	GEL	U24FTA201	TAMIL - I	60	3	25	75	100

OBJECTIVES

- தமிழ் மொழியின் பண்புகளை மாணவர் மனதில் பதிய வைத்தல் தாய்மொழியின் பழமை, சிறப்பு, விழுமியங்கள் ஆகியவற்றைக்கற்பித்தல்.செவ்வியல் இலக்கியங்களை அறியச் செய்தல்
- தமிழில் உள்ள இலக்கிய வடிவங்களை அறிமுகப்படுத்தி படைப்பாக்கத்திற்கு துணை நின்றல்.இலக்கிய இலக்கணக் கற்றல் வழி போட்டித் தேர்வுகளுக்கு ஆயத்தப்படுத்தல்.

COURSE OUTCOME(S)

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	காலந்தோறும் தமிழ் இலக்கியங்களில் மாறுபடும் பாடுபொருள். வடிவம் முதலியவற்றை வரலாற்றின் வழி உணர்த்தல்.	K4
CO2	சிறுநிலக்கியங்களின் வழி இலக்கியச் சுவையினையும் பண்பாட்டு அறிவினையும் பெறுதல்	K1
CO3	கவிதை வழி சமூகச் சிந்தனைகளையும், தேவைகளையும் கவிதை வழி இயம்பல்.	K2
CO4	சிறுகதைகளின் வாயிலாக சமகால மனிதர்களின் பண்பு நலன்களை அறிய வைத்தல்.	K4
CO5	நடிப்பாற்றல், படைப்பாற்றல் மற்றும் கலைத் தன்மைகளை வளர்த்தல்.	K6

பாடத்திட்டம்

அலகு - 1	இலக்கிய வரலாறு அறிமுகம் 1. சிறுநிலக்கியங்கள் - அறிமுகம் 2. கவிதை - தோற்றமும் வளர்ச்சியும் 3. சிறுகதை - தோற்றமும் வளர்ச்சியும் 4. நாடகம் - தோற்றமும் வளர்ச்சியும்	(12 Hours)
அலகு - 2	சிறுநிலக்கியங்கள் & தனிப்பாடல்கள் 1. கலிங்கத்துப்பரணி - களம் பாடியது (7 பாடல்கள்) 2. குற்றாலக் குறவஞ்சி - வசந்தவல்லி பந்தடித்தல் (7 பாடல்கள்) 3. முக்கூடற்பள்ளு - பள்ளியர் ஏசல் (11 பாடல்கள்) 4. தனிப்பாடல்கள் - ஔவை, வீரராகவர், காளமேகம், சத்திமுத்திப் புலவர்,படிக்காகப் புலவர், பட்டினத்தடிகள், சொக்கநாதப்புலவர் (7பா.)	(12 Hours)
அலகு - 3	கவிதை 1. பாரதியார் - பாரத தேசம் 2. பாரதிதாசன் - குடும்ப விளக்கு 3. அப்துல் ரகுமான் - வீடு (பித்தன்) 4. வாலி - புத்தகச் சந்தை 5. ஈரோடு தமிழன்பன் - எட்டாவது சீர் (வணக்கம் வள்ளுவ)	(12 Hours)
அலகு - 4	சிறுகதை 1. புதுமைப்பித்தன் - கடவுளும் கந்தசாமிப்பிள்ளையும் 2. ஜெயகாந்தன் - வாய்ச்சொற்கள் 3. அ.விநாயகமூர்த்தி - பரிசு 4. வைரமுத்து - இப்படியும் ஒருவன் இறந்தான்	(12 Hours)
அலகு - 5	நாடகம் 1. பேரறிஞர் அண்ணா - வேலைக்காரி 2. ஆறு.அழகப்பன் - கொல்லிப்பாவை	(12 Hours)

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பார்வை நூல்கள்

- 1 செய்யுள் திரட்டு - சி.அப்துல் ஹக்கீம் கல்லூரி வெளியீடு.
2024 சூன் வெளியீடு
- 2 தமிழ் இலக்கிய வரலாறு - பேரா.மது.ச.விமலானந்தம்
அபிராமி பதிப்பகம், இராயபுரம், சென்னை -13
மறு பதிப்பு -2002

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- Tamil Books on line- books.tamilcube.com
- Catalogue of the Tamil books in the Library of British Congress archive.org
- Tamil novels on line - books.tamilcube.com

Cos	Programme Outcomes					Programme Specific Outcomes					Mean
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	2	3	2	-	-	-	-	-	
CO2	2	2	3	2	2	-	-	-	-	-	
CO3	2	2	3	2	3	-	-	-	-	-	
CO4	2	2	3	2	3	-	-	-	-	-	
CO5	2	2	2	3	3	-	-	-	-	-	
Mean Overall Score											

3 – Strong; 2 – Medium; 1 – Low

Prepared by	Verified by

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for All First Year UG Courses effective from the year 2024-2025

Sem	Category	Course Code	Course Title	Hours	Credits	Int. Marks	Ext. Marks	Max. Marks
I	GEL	U24CSL201	SKILL LANGUAGE TAMIL திறன் வளர்தமிழ்	60	2	50	50	100

OBJECTIVES

- மாணவர்கள் இலக்கணப் பிழையின்றி எழுதுதல், பேசுதல்
- ஊடகத் தமிழ்ச் செய்திகளை அறிதல்
- கட்டுரை, கவிதை மற்றும் நேர்காணலுக்கான விதிகள் அறிதல்

COURSE OUTCOME(S)

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	தமிழின் இயல்புகளை அறிதல்	K2
CO2	தமிழ்ச் சொற்களிடையே வேறுபாட்டை உணர்தல்	K2
CO3	நடைமுறை சார் மொழித்திறன்களை உணர்த்தல்	K3
CO4	மொழிப்பயிற்சியை வெளிக்கொணர்தல்	K4
CO5	திறன்களை வளர்க்கும் நெறிகளை அறிதல்	K5

பாடத்திட்டம்

அலகு - 1	கற்றல் திறன் - 1 1. எண்களை எழுத்தால் எழுதுதல் 2. குறில், நெடில் வேறுபாடு அறிதல் 3. திணை, பால் வேறுபாடு அறிதல் 4. மயங்கொலி வேறுபாடு அறிதல் (ர-ற: ந-ண-ன: ல-ள-ழ) 5. இரு பொருள் அறிதல்	(12 Hours)
அலகு - 2	கற்றல் திறன் - 2 1. வாக்கியத்தில் அமைத்தல் 2. அகரவரிசைப்படுத்துதல் 3. பொருந்தாத சொல்லைக் கண்டறிதல் 4. சொற்களை ஒழுங்குபடுத்தி சொற்றொடராக்குதல்	(12 Hours)
அலகு - 3	கேட்டல் திறன் - 1 1. நூல், செய்தித்தாள் வாசித்தல் 2. பாடல் ஒப்புவித்தல் 3. நேர் காணல்	(12 Hours)
அலகு - 4	கேட்டல் திறன் - 2 1. நூல் மதிப்புரை 2. ஏதேனும் ஒரு தலைப்பில் பேசிப் பழகுதல்.	(12 Hours)
அலகு - 5	உணர்தல் திறன் 1. கட்டுரை, கவிதை, துணுக்கு இயற்றுதல் 2. அறிக்கை தயாரித்தல் 3. குழு நடிப்பு	(12 Hours)

C. Abdul Hakeem College (Autonomous), Melvisharam.

பார்வை நூல்கள்

- 1 மேடைப் பேச்சுக்கலை - டேல் கார்னகி , கண்ணதாசன் பதிப்பகம்
2012 வெளியீடு
- 2 பேச்சுக்கலை - முனைவர் ப.இப்ராஹிம்
என்.சி.பி.எச். வெளியீடு
முதல் பதிப்பு,2021
3. நற்றமிழ் இலக்கணம் - டாக்டர்.சொ.பரமசிவம்,
பட்டுப் பதிப்பகம், 1269, 32-ஆம் தெரு
அண்ணாநகர் மேற்கு, கம்பர் குடியிருப்பு,
சென்னை -40
பன்னிரண்டாம் பதிப்பு -2012

Cos	Programme Outcomes					Programme Specific Outcomes					Mean
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2	2	3	3	2	-	-	-	-	-	
CO2	1	2	3	3	1	-	-	-	-	-	
CO3	2	2	3	3	2	-	-	-	-	-	
CO4	2	2	3	3	3	-	-	-	-	-	
CO5	2	2	3	3	2	-	-	-	-	-	
Mean Overall Score											

3 – Strong; 2 – Medium; 1 – Low

Prepared by	Verified by

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for First Year UG Courses effective from the year 2024-2025

Sem	Category	Course Code	Course Title	Hours	Credits	Int. Marks	Ext. Marks	Max. Marks
I	GEL	U24FUR101	URDU - I	60	3	25	75	100

Objectives:

Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Describe the Basic Grammar Rules and Sentence Construction	K5
CO2	Identify and Classify the Nouns and Genders	K4
CO3	Comprehend and Analyze Historical Stories (Hikayat)	K4
CO4	Explore and Critique the Essays (Inshayiya)	K6
CO5	Analyze Biographies of Notable Personalities	K5

Cognitive Levels (K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create)

Syllabus:

UNIT – I [12 Hours] ➤ Qawaid ❖ Huroof, ki Tareef ❖ Huroof e Tahaji Aur Uske Aqsaam ❖ Jumla ki Tareef ❖ Jumla Banane ka Tariqah UNIT – II [12 Hours] ❖ Ism Ki Tareef ❖ Ism ke Aqsaam Misalon Ke Sath ❖ Jins(Muzakkar aur Maunnas) ki Tareef ❖ Jins ke Aqsaam ❖ Muzakkar aur Muannas ki Tareef ❖ Muzakkar Se Muannas Banane ka Tariqah UNIT – III [12 Hours] ➤ Hikayat ❖ Hikayat ki tareef ❖ Sahabi aur Khalifa ki tareef ❖ Hikayat-e-Sahaba (Khulafa e Raashidain - Sayeduna Abu Bakr Siddiq(R.A),Hazrat Umar(R.A),Hazrat Usman(R.A),Hazrat Ali(R.A) ❖ Shaikh Saadi ka taruf ❖ Hikayat-e-Shaik Saadi ❖ Ek Badsha ❖ Haroon Rasheed	یونٹ I۔ قواعد ✓ ❖ حروف کی تعریف ❖ حروف تہجی اور اس کے اقسام ❖ جملہ کی تعریف ❖ جملہ بنانے کا طریقہ یونٹ II۔ ❖ اسم کی تعریف ❖ اسم کے اقسام مثالوں کے ساتھ ❖ جنس (مذکر اور مؤنث) کی تعریف ❖ جنس کے اقسام ❖ مذکر اور مؤنث کی تعریف ❖ مذکر سے مؤنث بنانے کا طریقہ یونٹ III۔ حکایت ✓ ❖ حکایت کی تعریف ❖ صحابی اور خلیفہ کی تعریف ❖ حکایت صحابہ (خلفائے راشدین سیدنا ابوبکر صدیق رضی اللہ عنہ، حضرت عمر رضی اللہ عنہ، حضرت عثمان رضی اللہ عنہ، حضرت علی رضی اللہ عنہ) ❖ شیخ سعدی کا تعارف ❖ حکایت شیخ سعدی ❖ ایک بادشاہ ❖ ہارون رشید یونٹ IV۔ انشائیہ ✓ ❖ انشائیہ کی تعریف ❖ سر سید احمد خان کا تعارف ❖ امید کی خوشی - سر سید احمد خان ❖ رشید احمد صدیقی کا تعارف ❖ ڈاکٹر عبدالحق مرحوم - رشید احمد صدیقی۔ یونٹ V۔ شخصیات کی سوانح ✓ ❖ سوانح کی تعریف
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UNIT – IV [12 Hours] ➤ Inshayiya ❖ Inshayiya ki tareef ❖ Sir Syed Ahamed Khan ka taruf ❖ Umeed Ki Khushi – Sir Syed Ahamed Khan ❖ Rasheed Ahmed Siddiqi ka taruf ❖ Dr. Abdul Haq Marhoom – Rasheed Ahmed Siddiqi UNIT – V [12 Hours] ➤ Shakhsiyat ki Sawaneh ❖ Sawaneh ki tareef ❖ Allama Iqbal ki Sawaneh ❖ Moulana Abul Kalam Azad ki Sawaneh	❖ علامہ اقبال کی سوانح □□ ❖ مولانا ابوالکلام آزاد کی سوانح □□
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_____ # Self Study Component for Seminar/Assignment:

(Questions should not be asked from self study component in the End Semester Examinations)

Text Books:

NISAB-E-JAMEEL EDITED BY Dr.S.MOHAMED YASSIR & Dr.S.MOHAMED MUDDASSIR

Reference Book:

- Qawayad Urdu– Maulvi Abdul Haq
- Hikayat e Sahaba – Maulana Yusuf Kandhalvi
- Mazameen e Sir Syed
- Inshayiya aur Inshayiye – Syed Muhammad Hasnain
- Mazhar-e- Adab – Edited by Dr.K.Habeeb Ahmed & Dr.K.H.Kaleemullah
- Adab-E-Jameel – Edited by Dr.K.Habeeb Ahmed , Dr.S.M.Yassir & Dr.S.M.Muddassir

Web Resources :

1. www.rekhta.org 2. www.urduchannel.in 3. www.urducouncil.nic.in

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3							
CO2	3	3	3	3							
CO3	3	3	3	3							
CO4	3	3	3	3							
CO5	3	3	3	3							

3 – Strong; 2 – Medium; 1 – Low

Prepared by	Verified by

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for First Year UG Courses effective from the year 2024-2025

Sem	Category	Course Code	Course Title	Hours	Credits	Int. Marks	Ext. Marks	Max. Marks
II	GEL	U24FUR201	URDU - II	60	3	25	75	100

Objectives:

Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Describing Ghazals	K2
CO2	Analyze Urdu Poets' Contributions to Ghazal	K4
CO3	Evaluating Nazams and Its Themes	K5
CO4	Analyze and Critique Nazams by Various Poets	K5
CO5	Evaluate Literary Translations	K6

Cognitive Levels (K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create)

Syllabus:

UNIT – I [12 Hours]

➤ Ghazliyat

- ❖ Ghazal ki Tareef
- ❖ Mirza Ghalib ka taruf
- ❖ Mirza Ghalib ki Ghazal → Dil Hi toh Yeh Na Sang....
- ❖ Momin Khan Momin ka taruf
- ❖ Momin Khan Momin ki Ghazal → Adam Mein Rehte tu..

- یونٹ I –
☒ غزلیات ✓
☒ غزل کی تعریف ❖
☒ مرزا غالب کا تعارف ❖
☒ مرزا غالب کی غزل □ دل ہی تو یہ نہ سنگ... ❖
☒ مومن خان مومن کا تعارف ❖
☒ مومن خان مومن کی غزل □ عدم میں رہتے تو۔ ❖

UNIT – II [12 Hours]

- ❖ Khaja Mir Dard ka tarruf
- ❖ Khaja Mir Dard → Tuhmatein Apne Zimme
- ❖ Jigar Muradabadi ka Tarruf
- ❖ Jigar Muradabadi ki Ghazal → Na Dunya ke Sitam....

- یونٹ II –
☒ خواجہ میر درد کا تعارف ❖
☒ خواجہ میر درد... تہمتیں چند اپنے ذمے ❖
☒ جگر مراد آبادی کا تعارف ❖
☒ جگر مراد آبادی کی غزل □ نہ دنیا کے ستم... ❖

UNIT – III [12 Hours]

➤ Nazmein

- ❖ Nazm ki Tareef
- ❖ Allama Iqbal ka tarruf
- ❖ Allama Iqbal ki Nazm → Khitab Ba Naujawan-e-Islam
- ❖ Khaja Altaf Hussain Hali ka tarruf
- ❖ Altaf Hussain Hali Ki Nazm → Taleem Ki Ahmiyat

- یونٹ III –
☒ نظمیں □ □ ✓
☒ نظم کی تعریف ❖
☒ علامہ اقبال کا تعارف ❖
☒ علامہ اقبال کی نظم □ □ خطابِ نو جوان اسلام ❖
☒ خواجہ الطاف حسین حالی کا تعارف ❖
☒ الطاف حسین حالی کی نظم □ □ تعلیم کی اہمیت ❖

UNIT – IV [12 Hours]

- ❖ Akbar Allahabadi ka tarruf
- ❖ Akbar Allahabadi ki Nazm Nagma e Hasrat
- ❖ Sahir Ludhyanavi ka tarruf
- ❖ Sahir Ludhyanvi Ki Nazm Taj Mahal
- ❖ Faiz Ahmad Faiz ka tarruf
- ❖ Faiz Ahmad Faiz ki Nazm Subh-e-Azadi

- یونٹ IV –
☒ اکبر الہ آبادی کا تعارف ❖
☒ اکبر الہ آبادی کی نظم نغمہ حسرت ❖
☒ ساحر لدھیانوی کا تعارف ❖
☒ ساحر لدھیانوی کی نظم تاج محل ❖
☒ فیض احمد فیض کا تعارف ❖
☒ فیض احمد فیض کی نظم صبح آزادی ❖

یونٹ V –

- ترجمہ نگاری ✓
☒ ترجمہ نگاری کی تعریف ❖

C. Abdul Hakeem College (Autonomous), Melvisharam.

❖ تجارتي الفاظ (اردو اور انگريزي)

❖ پياري اردو (ترجمہ اردو سے

انگريزي)

❖ مکالمات (اردو اور انگريزي)

UNIT – V [12 Hours]

- Tarjama Nigari
- ❖ Tarjama Nigari Ki taareef
- ❖ Tijarati Alfaz (Urdu Aur Angrezi)
- ❖ Pyari Urdu (Tarjuma Urdu se Angrezi)
- ❖ Makalimat (Urdu Aur Angrezi)

_____ # Self Study Component for Seminar/Assignment:

(Questions should not be asked from self study component in the End Semester Examinations)

Text Books:

NISAB-E-JAMEEL EDITED BY Dr.S.MOHAMED YASSIR & Dr.S.MOHAMED MUDDASSIR

Reference Book:

- Deewan-e-Meer
- Deewan-e-Dard
- Deewan-e-Ghalib
- Kuliyaath-e-Momin
- Kuliyaath-e-Akbar
- Kuliyaath-e- Iqbal
- Kuliyaath-e- Jigar
- Kuliyaath-e- Saher Ludhyanvi

Web Resources:

1. www.rekhta.org
2. www.urduchannel.in
3. www.urducouncil.nic.in

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	2							
CO2	2	3	3	2							
CO3	3	2	3	3							
CO4	3	2	2	2							
CO5	3	3	2	3							

3 – Strong; 2 – Medium; 1 – Low

Prepared by	Verified by

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for First Year UG Courses effective from the year 2024-2025

Sem	Category	Course Code	Course Title	Hours	Credits	Int. Marks	Ext. Marks	Max. Marks
II	GEL	U24CSL201	SKILL LANGUAGE URDU LANGUAGE IDENTIFICATION AND COMPREHENSION	60	2	50	50	100

Objectives:

Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Understanding Language Skills, Urdu Alphabets and Pronunciation	K2
CO2	Analyze Writing Proficiency in Urdu and Listening Skills	K4
CO3	Describe Compound Words in Urdu	K4
CO4	Constructing Basic Sentences and Reading Skills	K5
CO5	Enhancing Communication Skills and Writing Skills	K6

Cognitive Levels (K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create)

Syllabus:

UNIT – I [12 Hours]

➤ Introduction about LSRW

- ❖ Listening
- ❖ Speaking
- ❖ Reading and
- ❖ Writing

یونٹ – I [12 گھنٹے]
LSRW کے بارے میں تعارف ✓

- ✓ سمات
- ✓ تقریر
- ✓ قرات
- ✓ تحریر

یونٹ – II [12 گھنٹے]
✓ سمات

UNIT – II [12 Hours]

Listening:

- ❖ Huroof-e-Thaji (Urdu Alphabet)
- ❖ Murakab Alfaaz (Compound Words)
- ❖ Small Sentences

✓ اردو حروف تہجی
✓ مرکب الفاظ
✓ چھوٹے جملے

یونٹ – III [12 گھنٹے]
✓ تقریر

✓ اردو حروف تہجی
✓ مرکب الفاظ
✓ چھوٹے جملے

UNIT – III [12 Hours]

Speaking:

- ❖ Huroof-e-Thaji (Urdu Alphabet)
- ❖ Murakab Alfaaz (Compound Words)
- ❖ Small Sentences

یونٹ – IV [12 گھنٹے]
✓ قرات

✓ اردو حروف تہجی
✓ مرکب الفاظ
✓ چھوٹے جملے

UNIT – IV [12 Hours]

Reading:

- ❖ Huroof-e-Thaji (Urdu Alphabet)
- ❖ Murakab Alfaaz (Compound Words)
- ❖ Small Sentences

یونٹ – V [12 گھنٹے]
✓ تحریر

✓ اردو حروف تہجی
✓ مرکب الفاظ
✓ چھوٹے جملے

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UNIT – V [12 Hours]

Writing:

- ❖ Huroof-e-Thaji (Urdu Alphabet)
- ❖ Murakab Alfaaz (Compound Words)
- ❖ Small Sentences

_____ # Self Study Component for Seminar/Assignment:

(Questions should not be asked from self study component in the End Semester Examinations)

Text Books:

Urdu for All – Part -I & II published by NCPUL, New Delhi

Reference Books:

1. "Urdu: An Essential Grammar" by Ruth Laila Schmidt
2. "Urdu-English English-Urdu Dictionary" by S. M. Salimuddin, Suhail Anjum, and Rauf Parekh
3. "Urdu ki Pehli Kitab" by Muhammad Sharif Baqa
4. "Learning Urdu: A Comprehensive Course" by Mahvash Shaheen

Web Resources :

1. www.rekhta.org
2. www.urduchannel.in
3. www.urducouncil.nic.in
4. BBC Urdu
5. UrduPod101
6. YouTube Channels - Urdu Stories for Kids

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	3	3							
CO2	3	2	2	3							
CO3	3	3	3	3							
CO4	3	2	2	3							
CO5	3	3	2	2							

3 – Strong; 2 – Medium; 1 – Low

Prepared by	Verified by

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for All I Year UG Courses effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>I</i>	<i>GEL</i>	<i>U24FEN101</i>	<i>ENGLISH – I</i>	<i>60</i>	<i>3</i>	<i>25</i>	<i>75</i>	<i>100</i>

Course Objectives

CO1	To enable learners to acquire self-awareness required in various life situations.
CO2	To enable learners to inculcate positive thinking required in various life situations.
CO3	To help them acquire the attribute of empathy
CO4	To assist them in acquiring creative and critical thinking abilities
CO5	To enable them to learn the basic grammar

Unit I

Prose

- At School - M. K. Gandhi
- My Early Days - A.P.J. Abdul Kalam

Poetry

- The Character of Happy Life - Henry Wotton
- Stopping by the Woods on a Snowy Evening - Robert Frost

Unit II

Prose

- My Financial Career - Stephen Leacock
- Computeracy - Peter Lurie

Poetry

- Where the Mind is Without Fear – Rabindranath Tagore
- If – Rudyard Kipling

Unit III : Short Stories

- The Happy Prince - Oscar Wilde
- Engine Trouble - R.K. Narayan

Unit IV : Autobiography & Reader's Theatre

- I am Malala (Chapter 1) - Malala Yousafzai,
- The Refund – Fritz Karinthy

Unit V

Lexical Skills & Grammar

- Synonyms and Antonyms
- Homophones and Homonyms
- Words often Confused

C. Abdul Hakeem College (Autonomous), Melvisharam.

Grammar

- a. Sentence
- b. Subject and predicate
- c. Parts of Speech
- d. Noun and its kinds
- e. Pronoun and its kinds
- f. Articles and Prepositions

Prescribed Book: New Vistas in English – I, Board of Editors, Published by Hakeem Publication, Department of English, C. Abdul Hakeem College (Autonomous), Melvisharam-632509.
www.cahc.ac.in, Mail: hakeemcollege@edu.in

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for All I Year UG Courses effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>II</i>	<i>GEL</i>	<i>U24FEN201</i>	<i>ENGLISH – II</i>	<i>60</i>	<i>3</i>	<i>25</i>	<i>75</i>	<i>100</i>

Course Objectives

CO1	To facilitate self-awareness for handling diverse life situations.
CO2	To cultivate positive thinking skills for various life scenarios.
CO3	To develop empathy as a core attribute.
CO4	To nurture creative and critical thinking abilities.
CO5	To apply acquired grammar knowledge to improve the quality and effectiveness.

Unit I

Prose

- The Secret of Work - Swami Vivekananda
- Uncle Podger Hangs a Picture – Jerome K Jerome

Poetry

- Satan's Speech - John Milton
- Night of the Scorpion - Nissim Ezekiel

Unit II

Prose

- Mobile and Mixed Up – Anil Dharker
- Words of Wisdom – Chetan Bhagat

Poetry

- The Road Not Taken – Robert Frost
- Alice Fell or Poverty – William Wordsworth

Unit III

Short Stories

- The Lady or the Tiger - Frank Stockton
- The Diamond Necklace – Guy de Maupassant

Unit IV

Biography & One Act Play

- The Saga of a Philanthropist
- The Never Never Nest – Cedric Mount

Unit V

Lexical Skills & Grammar

- One Word Substitutes
- Correct Usage of words
- Formation of plurals

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Parts of Speech

- a. The Phrase and The Clause - Types
- b. Adjective and its kinds
- c. Verb and its kinds
- d. Conjunction
- e. Interjection

Prescribed Book: New Vistas in English–II, Board of Editors, Published by Hakeem Publication, Department of English, C. Abdul Hakeem College (Autonomous), Melvisharam-632509.
www.cahc.ac.in, Mail: hakeemcollege@edu.in

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for All I Year UG Courses effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>II</i>	<i>GEL</i>	<i>U24FEN201</i>	<i>SKILLS FOR COMMUNICATION</i>	<i>60</i>	<i>3</i>	<i>25</i>	<i>75</i>	<i>100</i>

Course Objectives

CO1	To inculcate communicative proficiencies in the learners
CO2	To develop the essential aspects of effective written communication.
CO3	To implant essential emotions needed in professional life.
CO4	To enhance contextual communication in personal and professional situations with courtesy
CO5	To instill competences required in recruitment process

Unit I - Spoken Communication:

1. Communication Etiquette
2. Introducing Self and Others
3. Listening for Specific Information
4. Asking for Information and Giving Information
5. Giving and Following Instructions

Unit II - Written Communication:

1. Paragraph and Types of Paragraphs
2. Descriptive Writing – Writing a Short Descriptive Essays of Two to Three Paragraphs
3. Dialogue Writing
4. Preparing Agenda for the Meeting
5. Writing Minutes of the Meeting

Unit III - Intrapersonal Communication:

1. Emotional Intelligence
2. Goal Setting
3. Stress Management
4. Positive Attitude
5. Common Sense

Unit – IV - Interpersonal Communication:

1. Listening to Famous Speeches and Poems
2. Making Short Speeches – Welcome Address and Vote of Thanks
3. Making Short Presentation with PPT
4. Day - to - Day Communication
5. Communication with Fellow-Employee

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Unit – V - Employment Communication:

1. Preparing Resume & Curriculum Vitae
2. Writing Covering Letter
3. Aptitude Test
4. Facing an Interview
5. Group Discussion

Prescribed Book: Skills for Communication, Board of Editors, Published by Hakeem Publication, Department of English, C. Abdul Hakeem College (Autonomous), Melvisharam-632509.
www.cahc.ac.in, Mail: hakeemcollege@edu.in

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for Bachelor of Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>I</i>	<i>CC Theory</i>	<i>U24MCA101</i>	OBJECT ORIENTED PROGRAMMING CONCEPTS USING C++	60	5	25	75	100

Objectives: Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Locate the basic concepts of OOPs with control structures and functions.	K2
CO2	Execute C++ programs using classes and objects.	K3
CO3	Demonstrate the concept of operator overloading and inheritance.	K3
CO4	Contrast pointer concepts, dynamic memory allocation, and polymorphism in object-oriented programming.	K4
CO5	Analyze file handling techniques, string manipulation and exception handling in C++ programming.	K4

Cognitive Levels (K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create)

Syllabus:

Unit – I

(15 Hours)

Introduction to C++: Key concepts of Object-Oriented Programming – Advantages – Object Oriented Languages – I/O in C++ - C++Declarations.

Control Structures: Decision Making Statements - Looping Statements - Functions in C++ - Inline Functions – Function Overloading.

Unit – II

(15 Hours)

Classes and Objects: Declaring Objects – Defining Member Functions – Static Member Variables and Functions – Array of Objects – Friend Functions – Overloading Member Functions – Bit Fields and Classes – Constructor and Destructor with static members.

Unit – III

(15 Hours)

Operator Overloading: Overloading Unary and Binary Operators - Overloading Friend Functions - Type Conversions.

Inheritance: Types of Inheritance – Single, Multilevel, Multiple, Hierarchical, Hybrid, Multi path Inheritance – Virtual base Classes – Abstract Classes.

Unit – IV

(15 Hours)

Pointers: Declaration – Pointer to Classes and Objects – ‘this’ pointer – Pointers to Derived classes and Base classes - Arrays: Characteristics, Array of Classes – Memory Models – New and Delete Operators – Dynamic Object Binding, Polymorphism and Virtual Functions.

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Unit – V

(15 Hours)

Files – File stream classes – file modes – Sequential Read / Write operations – Binary and ASCII
Files – Random Access Operation – Templates – Exception Handling - String – Declaring and
Initializing string objects – String Attributes – Miscellaneous functions.

Self Study Component for Seminar/Assignment:

(Questions should not be asked from self study component in the End Semester Examinations)

Text Books:

1. E. Balagurusamy, “Object-Oriented Programming with C++”, TMH 2013, 7th Edition.

Reference Books:

1. Ashok N Kamthane, “Object-Oriented Programming with ANSI and Turbo C++”, Pearson Education 2003.
2. P.Rizwan Ahmed, Programming in C++, Margham Publications, 2016.

e-Resources

1. <https://alison.com/course/introduction-to-c-plus-plus-programming>

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	Mean
CO1	2	3	2	-	-	-	3	2	2	2.3
CO2	3	3	3	-	-	-	2	3	2	2.6
CO3	2	3	3	-	-	-	3	3	2	2.6
CO4	3	2	2	-	-	-	2	2	2	2.1
CO5	2	3	3	-	-	-	3	2	2	2.5
Mean Overall Score										2.42

3 – Strong; 2 – Medium; 1 – Low

Prepared by	Verified by
Mr.Mahfuzur Rahman M S	Dr. A. Kalimulla

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for Bachelor of Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>I</i>	<i>CC Practical</i>	<i>U24MCAP11</i>	<i>C++ PROGRAMMING LAB</i>	<i>60</i>	<i>3</i>	<i>25</i>	<i>75</i>	<i>100</i>

Objectives:

Gain a solid understanding of basic C++ syntax and program structure and common design patterns to solve typical design problems in OOPS.

Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Practice basic C++ syntax and program structures to write, debug, and execute simple C++ program.	K3
CO2	Interpret object-oriented programming principles, including encapsulation, inheritance, and polymorphism.	K3
CO3	Establish functions that support modular programming and code reusability by developing functions with varying parameter types and using function overloading	K3
CO4	Analyse programs that perform file input and output operations to read and write files using file streams.	K4
CO5	Examine error handling and exception management strategies to assess their effectiveness.	K4

Cognitive Levels (K1- Remember; K2- Understand; K3- Apply; K4- Analyse; K5-Evaluate; K6- Create)

List of Exercises

1. Write a C++ program to demonstrate function overloading, Default Arguments and Inline function.
2. Write a C++ program to demonstrate Class and Objects
3. Write a C++ program to demonstrate the concept of Passing Objects to Functions
4. Write a C++ program to demonstrate the Friend Functions.
5. Write a C++ program to demonstrate the concept to Passing Objects to Functions
6. Write a C++ program to demonstrate Constructor and Destructor
7. Write a C++ program to demonstrate Unary Operator Overloading
8. Write a C++ program to demonstrate Binary Operator Overloading
9. Write a C++ program to demonstrate:
 - i. Single Inheritance
 - ii. Multilevel Inheritance
 - iii. Multiple Inheritance

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iv. Hierarchical Inheritance

v. Hybrid Inheritance

10. Write a C++ program to demonstrate Virtual Functions.
11. Write a C++ program to manipulate a Text File.
12. Write a C++ program to perform Sequential I/O Operations on a file.
13. Write a C++ program to find the Biggest Number using Command Line Arguments
14. Write a C++ program to demonstrate Class Template
15. Write a C++ program to demonstrate Function Template.
16. Write a C++ program to demonstrate Exception Handling

Text Books:

1. E. Balagurusamy, "Object-Oriented Programming with C++", TMH 2013, 7th Edition
2. Ashok N Kamthane, Object-Oriented Programming with Ansi and Turbo C++, Pearson Education, 2003

Web-Resources

1. <https://alison.com/course/introduction-to-c-plus-plus-programming>

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

CO2	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	MEAN
CO1	2	2	2	-	-	-	2	2	2	2
CO2	2	2	2	-	-	-	2	2	2	2
CO3	2	2	3	-	-	-	2	2	3	2.3
CO4	2	3	3	-	-	-	2	3	3	2.6
CO5	2	3	3	-	-	-	2	3	3	2.6
TOTAL	2	2.4	2.6	-	-	-	2	2.4	2.6	2.3
							TOTAL MEAN			2.3

3 – Strong; 2 – Medium; 1 – Low

PREPARED BY	VERIFIED BY
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Syllabus for Bachelor of Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>I</i>	<i>ISEC</i>	<i>U24SCA101</i>	INTRODUCTION TO HTML (FC)	30	2	25	75	100

Objective of the course:

To familiarize the Students with the knowledge of Web, HTML tags and Creating Webpages using HTML

Objectives: Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Identify the basic of Web & HTML	K1
CO2	Identify and Express the structure of HTML & basic Tags	K2
CO3	Apply HTML document tags and elements in a web page	K3
CO4	Create Tables, Lists in HTML web pages	K5
CO5	Construct links and apply the formatting of web pages	K5

Cognitive Levels (K1- Remember; K2- Understand; K3- Apply; K4- Analyse; K5-Evaluate; K6- Create)

UNIT-I

6 Hours

Introduction: Web Basics- What is Internet- Web Browsers- What is Webpage-
HTML Basics: Understanding Tags

UNIT-II

6 Hours

HTML Programming Basics: Introduction to HTML- Basic Concept in HTML- Concept of
Resources in HTML - HTML Browsers- Different kinds of HTML tags

UNIT-III

6 Hours

Tags for Document Structure (HTML, Head, Body tags)- Block level text elements: Headings,
Paragraph(<p> tag)- Font Style elements (Bold, Italic, font, small, strong, big tags)

UNIT-IV

6 Hours

Lists: Other tags: Marquee, HR, BR using images- Creating Hyperlinks- Tables: Creating basic
Tables, Table Elements, Caption, Table and Cell Alignment- Frames: Frameset- Targeted Links-
No frame- Forms: Input, Text area, Select, Options

UNIT-V

6 Hours

Designing a home page - HTML documents - Anchor tag - Hyper Links- Traditional text and
Formatting text, Creating Hyperlinks

Text Books:

1. “ Foundation of Web Design: Introduction to HTML&CSS” by Thomas Michaud

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Reference Books:

1. “HTML,CSS and JavaScript All in one” by Meloni and Kyrins
2. “HTML/CSS” by Jon Duckett
3. “Head First HTML and CSS” by Elizabeth Robson and Eric Freeman

e-Resources:

1. www.w3schools.com

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

COs	Programme Outcomes						Programme Specific Outcomes			Mean
	PO 1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	
CO1	2	2	2	-	-	-	1	1	1	1.5
CO2	2	2	2	-	-	-	1	2	3	2
CO3	2	3	3	-	-	-	2	3	2	2.5
CO4	2	3	3	-	-	-	2	3	2	2.5
CO5	2	3	3	-	-	-	2	3	3	2.66
Mean	2	2.6	2.6	-	-	-	1.6	2.4	2.2	2.23
Mean Overall Score										2.23

3 – Strong; 2 – Medium; 1 – Low

PREPARED BY	VERIFIED BY
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Syllabus for Bachelor of Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>I</i>	<i>SEC Theory</i>	<i>U24SCA102</i>	DATA STRUCTURE (SBS - I)	<i>30</i>	<i>2</i>	<i>25</i>	<i>75</i>	<i>100</i>

Objectives of the course:

To understand the concepts of ADTs, linear data structures -lists, stacks, queues,

Objectives: Course Outcomes(COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Identify the data structure is a logical or mathematical representation of data	K1
CO2	Use Meaningful variable names, check pointer validity before dereferencing	K3
CO3	Applying stacks, solve problems	K3
CO4	Compute the queues, tree traversal	K4
CO5	Evaluate the algorithm efficiency	K5

Cognitive Levels (K1- Remember; K2-Understand; K3-Apply; K4- Analyze; K5-Evaluate, K6- Create)

UNIT 1: Introduction and Definition of Data Structure

6 Hours

Classification of Data, Various types of Data Structure, Algorithms and algorithm analysis, Recursion

UNIT 2: Arrays, Pointers

6 Hours

Introduction to Arrays, One Dimensional Array and Multidimensional Arrays, Pointers.

Mathematical Notations–Big-Onotation, Teta Notation

UNIT 3: Stacks

6 Hours

Introduction to Stack, Definition, Operations of Stack, Applications of Stack, Implementation

Trees: Binary trees, types of binary trees–properties-tree Traversals

UNIT 4: Queues

6 Hours

Introduction to Queue, Definition, Operations of Queue, Applications of queue, Implementation

Graphs–Application–topological set–traversals

UNIT 5: Sorting

6 Hours

Definition of Sorting-bubble sort, merge sort, selection sort and Insertion sort

Text Books:

1. Mark Allen Weiss, “Data Structures and Algorithm Analysis in C++” ,Pearson Education 2014, 4th Edition
2. Reema Thareja, “Data Structures Using C”, Oxford Universities Press 2014,2nd Edition

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Reference Books:

1. ThomasH .Cormen ,ChalesE.Leiserson, RonaldL. Rivest, Clifford Stein,
“Introduction to Algorithms”, McGraw Hill 2009, 3rd Edition
2. P.Rizwan Ahmed, Programming in C++ and Data Structure, MarghamPubications, 2016

Resources

1. <https://www.programiz.com/dsa>

Mapping of Course Outcomes (COs) with Programme Outcomes(POs) and Programme Specific Outcomes (PSOs)

COs	Programme Outcomes						Programme Specific Outcomes			Mean
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	
CO1	3	3	2	-	-	-	3	3	2	2.66
CO2	3	3	2	-	-	-	3	3	2	2.66
CO3	3	3	2	-	-	-	3	3	2	2.66
CO4	3	3	2	-	-	-	3	3	2	2.66
CO5	3	3	2	-	-	-	3	3	2	2.66
Mean Overall Score										2.66

3–Strong;2–Medium; 1–Low

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Syllabus for Bachelor of Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>II</i>	<i>CC Theory</i>	<i>U24MCA201</i>	<i>PYTHON PROGRAMMING</i>	<i>60</i>	<i>5</i>	<i>25</i>	<i>75</i>	<i>100</i>

Objectives: Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Apply the concepts of python programming including data types, operators, expressions, and arrays to create simple Python programming.	K3
CO2	Illustrate the control structure used in Python programming.	K2
CO3	Employ functions, including arguments, recursion, and string manipulations, to solve more complex problems in Python programming.	K3
CO4	Create the lists, tuples, and dictionaries in Python programming.	K6
CO5	Utilize file handling techniques to read , write , and manage data efficiently in Python programs, and evaluate the results.	K5

Cognitive Levels (**K1**-Remember; **K2**-Understand; **K3**-Apply; **K4**-Analyze; **K5**-Evaluate; **K6**-Create)

Syllabus:

Unit – I

(15 Hours)

Basics of Python Programming: History of Python-Features of Python – Literal –Constants – Variables – Identifiers – Key words- Built – in Data Types –Output Statements – Input Statements - Comments Indentation - Operators - Expressions - Type conversions. **Python Arrays:** Defining and Processing Arrays - Array methods.

Unit – II

(15 Hours)

Control Statements: – Selection/Conditional Branching statements: if,if-else, nested if and if-elif-else statements. Iterative Statements: whileloop, for loop, else suite in loop and nested loops.

Jump Statements: break, continue and pass statements.

Unit – III

(15 Hours)

Functions:Function Definition–Function Call–Variable Scope and its Lifetime –Return Statement. **Function Arguments:** Required Arguments, Keyword Arguments, Default Arguments and Variable Length Arguments - Recursion. **Python Strings:** String operations – Immutable Strings - Built – in String Methods and Functions –String Comparison. **Modules:** import statement – The Python module – dir() function – Modules and Namespace – Defining our own modules

Unit – IV

(15 Hours)

Lists: Creating a list -Access values in List-Updating values in Lists-Nested lists-Basic list operations-List Methods. **Tuples:** Creating, Accessing, Updating and Deleting Elements in a tuple – Nested tuples – Difference between lists and tuples. **Dictionaries:** Creating, Accessing, Updating and Deleting Elements in a Dictionary–Dictionary Functions and Methods – Difference between Lists and Dictionaries.

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Unit – V

(15 Hours)

Python File Handling: Types of files in Python - Opening and Closing files-Reading and Writing files: write() and writelines() methods- append() method – read() and readlines() methods – with keyword – Splitting words – File methods - File Positions- Renaming and deleting files..

_____ # Self Study Component for Seminar/Assignment:

(Questions should not be asked from self-study component in the End Semester Examinations)

Text Books:

1. Reema Thareja,—Python Programming using problem solving approach, First Edition, 2017, Oxford University Press.
2. Dr.R.Nageswara Rao,— Core Python Programming, First Edition, 2017, Dreamtech Publishers.

Reference Books:

1. VamsiKurama,— Python Programming: A Modern Approach, Pearson Education.
2. Mark Lutz, "Learning Python", Orielly
3. Adam Stewarts, "Python Programming", Online.
4. Fabio Nelli, "Python Data Analytics", APress.
5. KennethA. Lambert,—Fundamentals of Python—First Programs, CENGAGE Publication.

e-Resources

1. <https://www.programiz.com/python-programming>
2. <https://www.guru99.com/python-tutorials.html>
3. https://www.w3schools.com/python/python_intro.asp
4. <https://www.geeksforgeeks.org/python-programming-language/>
5. [https://en.wikipedia.org/wiki/Python_\(programming_language\)](https://en.wikipedia.org/wiki/Python_(programming_language))

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

COs	Programme Outcomes						Programme Specific Outcomes			Mean
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	
CO1	3	3	2	-	-	-	3	3	2	
CO2	2	2	1	-	-	-	2	2	1	
CO3	3	3	2	-	-	-	3	3	2	
CO4	2	2	2	-	-	-	2	2	2	
CO5	2	3	2	-	-	-	2	3	2	
	Mean Overall Score									

3 – Strong; 2 – Medium; 1 – Low

Prepared by	Verified by
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C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for Bachelor of Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>II</i>	<i>CC Practical</i>	<i>U24MCAP21</i>	<i>PYTHON PROGRAMMING LAB</i>	<i>60</i>	<i>3</i>	<i>25</i>	<i>75</i>	<i>100</i>

Objectives:

Build basic programs using fundamental programming constructs like conditional logic, looping, functions, strings and files.

Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Identify the basic variables and I/O statements in python	K2
CO2	Compare conditional statements using python	K6
CO3	Demonstrate Functions using python	K3
CO4	Create the python programs using Strings and Lists.	K5
CO5	Discuss File handling mechanism using python	K2

Cognitive Levels (K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create)

LAB EXERCISE

1. Program using variables, constants, I/O statements in Python.
2. Program using Operators in Python.
3. Program using Conditional Statements.
4. Program using Loops
5. Program using Jump Statements.
6. Program using Functions.
7. Program using Recursions.
8. Program using Arrays.
9. Program using Strings.
10. Program using Modules
11. Program using Lists.
12. Program using Tuples.
13. Program using Dictionaries.
14. Program for File Handling.

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Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

COs	Programme Outcomes						Programme Specific Outcomes			Mean
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	
CO1	3	3	2	-	-	-	3	3	2	2.66
CO2	3	3	2	-	-	-	3	3	2	2.66
CO3	3	3	2	-	-	-	3	3	2	2.66
CO4	3	3	2	-	-	-	3	3	2	2.66
CO5	3	3	2	-	-	-	3	3	2	2.66
Total										
Mean Overall Score =										2.66

3 – Strong; 2 – Medium; 1 – Low

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C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for Bachelor of Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>II</i>	<i>ISEC</i>	<i>U24SCA201</i>	UNDERSTANDING INTERNET (SBS - II)	30	2	25	75	100

Objective of the course:

Learn about privacy issues, such as data protection laws and best practices for safeguarding personal information.

Objectives: Course Outcomes (COs) and Cognitive Level Mapping:

COs	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Describe the development of ARPANET and the evolution of the World Wide Web, identifying key milestones and their significance.	K1
CO2	Identify the role of routers in data packet forwarding and network management, including routing algorithms.	K2
CO3	Implement the range of Internet services offered by ISPs, such as email, World Wide Web, & News Services.	K3
CO4	Analyse the significance of bandwidth and interoperability in network performance and functionality.	K4
CO5	Criticize the advantages and drawbacks of POP3 for email management.	K4

Unit - I

(6 Hours)

Internet, Growth of Internet, Owners of the Internet, Anatomy of Internet, ARPANET and Internet history of the World Wide Web, basic Internet Terminology, Net etiquette. Internet Applications – Commerce on the Internet, Governance on the Internet, Impact of Internet on Society – Crime on/through the Internet.

Unit - II

(6 Hours)

Packet switching technology, Internet Protocols: TCP/IP, Router, Internet Addressing Scheme: Machine Addressing (IP address), E-mail Addresses, Resources Addresses.

Unit - III

(6 Hours)

Internet accounts by ISP: Telephone line options, Protocol options, Service options, Telephone line options – Dialup connections through the telephone system, dedicated connections through the telephone system, ISDN, Protocol options – Shell, SLIP, PPP, Service options – Email, WWW, News Firewall.

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Unit - IV

(6 Hours)

Network definition, Common terminologies: LAN, WAN, Node, Host, Workstation, bandwidth, Interoperability, Network administrator, network security, Network Components: Servers, Clients, Communication Media, Types of network: Peer to Peer, Clients Server, Addressing in Internet: DNS, Domain Name and their organization.

Unit - V

(6 Hours)

Email Networks and Servers, Email protocols –SMTP, POP3, IMAP4, MIME6, Structure of an Email – Email Address, Email Header, Body and Attachments.

Self Study Component for Seminar/Assignment:

(Questions should not be asked from self study component in the End Semester Examinations)

Text Books:

1. Green law R and Hepp E “Fundamentals of Internet and www” 2nd EL, Tata McGraw-Hill, 2007.
2. D. Comer, “The Internet Book”, Pearson Education, 2009.

Reference Books:

1. M. L. Young, “The Complete reference to Internet”, Tata McGraw Hill, 2007.
2. B. Patel & Lal B. Barik, ” Internet & Web Technology “, Acme Learning Publishers.
3. Leon and Leon, “Internet for Everyone”, Vikas Publishing House.

E-Resources

1. <https://www.teachucomp.com/samples/html/5/manuals/Mastering-HTML5- CSS3.pdf>

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

Cos	Programme Outcomes						Programme Specific Outcomes			Mean
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	
CO1	2	3	2	-	-	-	2	2	2	2.1
CO2	2	2	3	-	-	-	2	3	3	2.5
CO3	2	2	2	-	-	-	2	3	2	2.1
CO4	2	3	2	-	-	-	2	2	1	2
CO5	2	2	3	-	-	-	3	1	3	2.3
	2	2.4	2.4	-	-	-	2.2	2.2	2	2.2
Mean Overall Score										2.2

3 – Strong; 2 – Medium; 1 – Low

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Syllabus for Bachelor of Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>II</i>	<i>SEC</i>	<i>U24SCA202</i>	<i>MACHINE LEARNING (SBS – III)</i>	<i>30</i>	<i>2</i>	<i>25</i>	<i>75</i>	<i>100</i>

Objectives:

To Learn about Machine Intelligence and Machine Learning applications

Course Outcomes (COs) and Cognitive Level Mapping

COs	CO Statement	Cognitive Level
CO1	Explain about the basics of Machine Learning	K2
CO2	Apply back propagation for training and utilize genetic algorithms for optimization.	K3
CO3	Understanding of Bayesian Theorem and concept learning techniques effectively.	K2
CO4	Discuss the concept of instance-based learning and its applications.	K2
CO5	Develop an appreciation for what is involved in learning from data	K5

Cognitive Levels

(K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create)

UNIT I:

6 Hours

INTRODUCTION MACHINE LEARNING

Difference between AI, Machine Learning and Big data. Supervised and unsupervised learning, parametric vs non-parametric models

UNIT II:

6 Hours

NEURAL NETWORKS AND GENETIC ALGORITHMS

Neural Network Representation – Problems – Perceptions – Multilayer Networks and BackPropagation Algorithms

UNIT III:

6 Hours

BAYESIAN AND COMPUTATIONAL LEARNING

Bayes Theorem – Concept Learning – Maximum Likelihood – Minimum Description Length Principle – Bayes Optimal Classifier – Gibbs Algorithm

UNIT IV:

6 Hours

INSTANT BASED LEARNING

K- Nearest Neighbour Learning – Locally weighted Regression – Radial Basis Functions

UNIT V:

6 Hours

ADVANCED LEARNING

Recommendation systems – opinion mining, sentiment analysis. Learning Sets of Rules – Sequential Covering Algorithm – Learning Rule Set – First Order Rules – Sets of First Order Rules

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Books for Study:

1. Tom M. Mitchell, —Machine Learning, McGraw- Hill Education (India) Private Limited, 2013.
2. Bengio, Yoshua, Ian J. Goodfellow, and Aaron Courville. "Deep learning" 2015, MIT Press

BooksforReference:

3. Ethem Alpaydin, —Introduction to Machine Learning (Adaptive Computation and Machine Learning), The MIT Press 2004.
4. Stephen Marsland, —Machine Learning: An Algorithmic Perspective, CRC Press, 2009.

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

COs	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	Mean
CO1	2	2	2	3	2	2	3	2	2	2.2
CO2	2	3	2	3	2	2	3	3	3	2.5
CO3	3	3	2	3	2	2	3	3	2	2.5
CO4	3	3	2	3	2	2	3	3	2	2.5
CO5	3	3	3	3	3	3	3	3	3	3
Mean Overall Score										2.5

3 – Strong; 2 – Medium; 1 – Low

Prepared by	Verifiedby
Mr.M. Anbarasan	Dr. A. Kalimulla

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for B.C.A., Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>I</i>	<i>GEL</i>	<i>U24AMA103</i>	<i>STATISTICAL METHODS AND ITS APPLICATIONS - I (ALLIED)</i>	<i>75</i>	<i>5</i>	<i>25</i>	<i>75</i>	<i>100</i>

Course Outcomes (COs) and Cognitive Level Mapping:

Cos	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Classify tabulation of data using different diagrammatic representation.	K4
CO2	Analyze various Averages and Three types of Mean.	K4
CO3	Explain the basic concepts of Measures of dispersion with Examples.	K2
CO4	Find Measures of Skewness, Kurtosis and Moments.	K1
CO5	Explain the Relationship between variables using correlation and Regression.	K2

Cognitive Levels (K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create)

Syllabus:

Unit – I (15 Hours)

Introduction-scope and limitations of statistical methods-classification of data-Tabulation of data-Diagrammatic and Graphical representation of data - Graphical determination of Quartiles, Deciles and Percentiles.

Unit – II (15 Hours)

Measures of location: Arithmetic mean, median, mode, geometric mean and Harmonic mean and their properties.

Unit – III (15 Hours)

Measures of dispersion: Range, Quartile deviation, mean deviation, Standard deviation, combined Standard deviation and their relative measures.

Unit – IV (15 Hours)

Measures of Skewness: Karl Pearson's, Bowley's, and Kelly's and coefficient of Skewness and kurtosis is based on moments.

Unit – V (15 Hours)

Correlation-Karl Pearson-Spearman's Rank correlation-concurrent deviation methods - Regression Analysis: Simple Regression Equations.

_____ # Self Study Component for Seminar/Assignment:

(Questions should not be asked from self study component in the End Semester Examinations)

C. Abdul Hakeem College (Autonomous), Melvisharam.

Text Book:

Statistical and Numerical methods- Dr.P.R. Vittal & Dr.V.Malini, Margham publications, Chennai-17. (2006)

Reference Books:

1. Fundamental of Mathematical Statistics-S.C.Gupta & V.K.Kapoor-Sultan Chand.
2. Elements of Statistics -Mode. E.B.-Prentice Hall.
3. Statistical Methods-Dr.S.P.Gupta-Sultan Chand & Sons.

E-Resources:

<https://www.simplilearn.com/what-is-statistical-analysis-article>

Mapping of Course Outcomes (COs) with Programme Outcomes(POs) and Programme Specific Outcomes (PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	
CO1	3	3	2	-	2	2	3	2	2	2.375
CO2	3	3	2	-	2	2	3	2	2	2.375
CO3	3	3	2	-	2	2	3	2	2	2.375
CO4	3	3	2	-	2	2	3	2	2	2.375
CO5	3	3	2	-	2	2	3	2	2	2.375
Mean	3	3	2	-	2	2	3	2	2	2.375

Prepared by	Verified by
M.Mabub Basha	Dr.A.Kalimulla

C. Abdul Hakeem College (Autonomous), Melvisharam.

Syllabus for B.C.A., Computer Application effective from the year 2024-2025

<i>Sem</i>	<i>Category</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Hours</i>	<i>Credits</i>	<i>Int. Marks</i>	<i>Ext. Marks</i>	<i>Max. Marks</i>
<i>II</i>	<i>GEL</i>	<i>U24AMA203</i>	<i>STATISTICAL METHODS AND ITS APPLICATIONS - II (ALLIED)</i>	<i>75</i>	<i>5</i>	<i>25</i>	<i>75</i>	<i>100</i>

Course Outcomes (COs) and Cognitive Level Mapping:

Cos	CO Statement (After completing the course, the students will be able to)	Cognitive Level
CO1	Find Probability using Axiomatic approach.	K1
CO2	Find Probability using standard probability distributions.	K1
CO3	Classify the different concepts of Index numbers.	K2
CO4	Explain 'Test of Significance' using t-test, F-test and Chi-square test.	K5
CO5	Explain One,two-way Classifications and design of Experiments.	K5

Cognitive Levels (K1-Remember; K2-Understand; K3-Apply; K4-Analyze; K5-Evaluate; K6-Create)

Syllabus:

Unit – I (15 Hours)

Probability

Sample Space–events–probability-Addition and Multiplication Theorem-conditional probability-Bayes's Theorem and simple problems.

Unit – II (15 Hours)

Probability Distribution

Binomial, Poisson, Normal distribution and fitting distribution.

Unit – III (15 Hours)

Index Number

Weighted and Un weighted Index Numbers–Cost of Living Index Number–Average of Relative Price Indices-Quality Index Number-Test on index Numbers- Time reversal test, Factors reversal test.

Unit – IV (15 Hours)

Test of Significance (Small Samples Tests)

Small sample tests with regard to Mean, Difference between Means and Paired t-test, F-test- Definition of Chi-square test–Assumptions–Characteristics–Chi-square tests for Goodness of fit and Independence of attributes – Simple Problems.

Unit – V (15 Hours)

Analysis of variance–One and Two way classifications-Basic principle of design of Experiments Randomization, L.S.D.

C. Abdul Hakeem College (Autonomous), Melvisharam.

_____ # Self Study Component for Seminar/Assignment:

(Questions should not be asked from self study component in the End Semester Examinations)

Text Book:

Statistical and Numerical Methods - Dr. P. R. Vittal & Dr.V.Malini, Margham Publications, Chennai. (2006)

Reference Books:

1. Fundamental of Mathematical Statistics-S.C.Gupta & V. K. Kapoor-Sultan Chand.
2. Elements of Statistics -Mode. E.B.-Prentice Hall.
3. Statistical Methods-Dr. S.P. Gupta-Sultan Chand & Sons

E-Resources:

<https://www.simplilearn.com/what-is-statistical-analysis-article>

Mapping of Course Outcomes (COs) with Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	
CO1	3	3	2	-	2	2	3	2	2	2.375
CO2	3	3	2	-	2	2	3	2	2	2.375
CO3	3	3	2	-	2	2	3	2	1	2.25
CO4	3	3	2	-	2	1	3	2	1	2.125
CO5	3	3	2	-	2	1	3	2	1	2.125
Mean	3	3	2	-	2	1.6	3	2	1.4	2.25

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