

PROGRAM NAME	YEAR	COURSE CODE	COURSE NAME	OUTCOMES
B.A TAMIL	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.
		17UFEN01	ENGLISH-I	enabled the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
		17UTA01	நன்னூல் -எழுத்ததிகாரம்	தமிழ் மொழியின் அடிப்படை இலக்கணத்தை கற்றுக் கொள்ளுதல் இப்பாடத்தின் நோக்கமாகும். மொழியில் அமைந்துள்ள எழுத்துக்கள் அவை ஒன்றுடன் ஒன்று சேரும் நிலை, வகைகள் உள்ளிட்டவற்றை கற்பித்தல் இப்பாடத்தின் வழியில் நிறைவேறுகிறது.
		17UTA02	இக்கால இலக்கியங்கள்	தமிழின் நவீன இலக்கியப்பரப்பை மாணவர்களுக்கு அறிமுகப்படுத்துவது பாடத்திட்டத்தின் நோக்கமாகும். நாவல், சிறுகதை, கவிதை, கட்டுரை, நாடகம் ஆகியவற்றில் தேர்ந்தெடுத்தப் பகுதிகள் கற்பிக்கப்படுகின்றன.
		17UTAA01	தமிழர் வரலாறும் மக்கள் பண்பாடு	இலக்கியத்தோடு தொடர்புடைய சார்புப்பாடம் இதுவாகும். தமிழக வரலாற்றை அறிவதற்கு முக்கியமானச் சான்று இலக்கியம். ஆகவே இப்பாடம் இலக்கிய மாணவர்களுக்கு கற்பிக்கப்படுகிறது.
		17UVE01	VALUE EDUCATION	இப்பாடம் மதிப்பீட்டுக்கல்வி சார்ந்தப் பாடமாகும். உடலையும் உள்ளத்தையும் ஆரோக்கியமாகப் பேணுவதற்கு இப்பாடம் செய்முறையோடு கற்பிக்கப்படுவதால் பெரிதும் உதவுகிறது.
		17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிறுநிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.

		17UFEN02	ENGLISH-II	understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
		17UTA03	நன்னூல் - சொல்லதிகாரம்	மொழியின் அடிப்படையப்பைக் கற்பிக்கும் இலக்கணத்தொடர்ச்சிப் பாடமாகும். இப்பாடம் சொல்லின் இலக்கண வகைகள், அவற்றைக் கொண்டு தொடர்கள் அமையும் முறை ஆகியவை இப்பாடத்தில் கற்பிக்கப்படுகின்றன.
		17UTA04	கொங்குநாட்டு வரலாறு	இப்பாடம் வட்டார வரலாறு சார்ந்தப் பாடமாகும். கல்வி நிறுவனம் அமைந்துள்ள வட்டாரத்தைச் சார்ந்த மாணவர்கள் இங்கு பெரிதும் பயில்வதால் இப்பகுதியின் வரலாற்றை அவர்கள் அறிந்து கொள்ள வேண்டும் என்பதற்காகப் இப்பாடம் கற்பிக்கப்படுகிறது.
		17UTAA02	தமிழ் இலக்கிய வரலாறு	இரண்டாயிரம் ஆண்டுகளுக்கு மேற்பட்ட வரலாற்றைக் கொண்டு செம்மொழித் தமிழாகும். இம்மொழியின் எழுத்து, சொல் வரலாறுகளை மாணவர்கள் அறிந்துகொள்ளும் நோக்கில் இப்பாடம் அமைந்துள்ளது.
		17UES01	சுற்றுச் சூழலியல்	இப்பாடம் மதிப்பீட்டுக் கல்விப் பாடமாகும். இன்று உலகை அச்சுறுத்தும் மிக முக்கியமான பிரச்சனையாகிய சுற்றுச்சூழல் குறித்த விழிப்புணர்வை ஏற்படுத்தும் வகையில் இப்பாடம் கற்பிக்கப்படுகிறது.
B.A TAMIL	II YEAR	17UFTA03	பொதுத்தமிழ்	தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.
		17UFEN03	ஆங்கிலம்	apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.

17UTA04	நம்பியகப்பொருள்	இப்பாடம் தமிழிலக்கியத்தின் கொள்கைகளை விளக்கும் அக இலக்கணத்தை கற்பிப்பது இதன் நோக்கமாகும். தமிழ் இலக்கியத்தை முழுமையாக அறிவதற்கு இவ்விலக்கணம் கற்பது மிக அவசியமாகும்.
17UTA02	தமிழ்மொழி வரலாறு	தமிழ்மொழி வரலாற்றை காலம் சார்ந்து கற்றல் இப்பாட நோக்கமாகும். கல்வெட்டுச் சான்றுகள், இலக்கியச் சான்றுகள் ஆகியவற்றை அடிப்படையாகக் கொண்டு ஒவ்வொரு காலத்திலும் தமிழ்மொழியின் மாற்றங்களைச் சுட்டிக் கற்பிக்கப்படுகிறது.
17UTASB01	நூலகவியல்	இப்பாடம் மிகுப்பதத்தின் அடிப்படையில் கற்பிக்கப்படுவதாகும். உயர்கல்வி பயிலும் மாணவர்கள் நூலகத்தையும் நூல்களையும் திறம்பட அறிந்து கொள்வதற்கு இது பயன்படுகிறது.
17UTASB01	பெண்ணியம்	நவீன இலக்கியக் கோட்பாடுகளில் மிக முக்கியமான ஒன்றை அறிமுகப்படுத்துவது இப்பாட நோக்கமாகும். எந்த இலக்கியத்தையும் பெண் நோக்குக் கொண்டு எவ்வாறு காண்பது என்பதை இப்பாடம் பொருளாகக் கொண்டுள்ளது.
17UTASB03	இதழியல்	நவீன இலக்கியத்தோடு தொடர்புடைய துறை இதழியலாகும். செம்மையான மொழி, இலக்கிய வாசிப்பு ஆகியவை இதழ்களின் வழியாகவே சாத்தியமாகின்றன. ஆகவே மாணவர்களுக்கு இப்பாடம் மிகவும் அவசியமாகிறது.
17UTASB02	மனித உரிமைகள்	இது மதிப்பீட்டுக் கல்வி சார்ந்தப் பாடமாகும். ஐக்கிய நாடுகள் சபை வெளியிட்டுள்ள மனித உரிமைப் பிரகடணத்தை அடிப்படையாகக் கொண்டு இப்பாடம் உருவாக்கப்பட்டுள்ளது.
17UTANV01	சாலை பாதுகாப்பு விதிகள்	இப்பாடம் தமிழ் இலக்கியமல்லாத பாடங்களைப் பயிலும் மாணவர்களுக்குக் கற்பிக்கப்படுவதாகும். சாலை விபத்துக்களில் ஆண்டுதோறும் கணிசமாக இறந்துபோவதை கணக்கில் கொண்டு விழிப்புணர்வு ஏற்படுத்தும் விதத்தில் இப்பாடம் உருவாக்கப்பட்டுள்ளது.

17UFTA04	பொதுத்தமிழ்	சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.
17UFEN04	ஆங்கிலம்	able the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.
17UTA05	புறப்பொருள் வெண்பாமாலை	தமிழ் இலக்கியத்தின் முக்கியமான பெரும்பரப்பை அறிந்து கொள்வதற்கு புறப்பொருள் இலக்கணம் அவசியமாகும். அவ்வகையில் தமிழ் இலக்கியக் கோட்பாடுகளில் ஒன்றாகிய இவ்விலக்கணம் கற்பிக்கப்படுகிறது.
17UTAA04	தமிழ் இலக்கண வரலாறு	இலக்கியத்தைப் போல இலக்கணத்தையும் நீண்ட பாரம்பரியமும் தொடர்ச்சியையும் கொண்டது. தமிழ் மொழியாகும். அத்தகைய இலக்கணப் பரப்பை அறிமுகப்படுத்தும் நோக்கியல் இப்பாடம் கற்பிக்கப்படுகிறது.
17UTA07	அழகுக் கலைகள்	அறுபத்து நான்குக் கலைகள் என்று பகுக்கும் வழக்கம் தமிழ் மொழியில் உள்ளது. அவற்றுள் இலக்கியத்தோடு தொடர்புடைய அழகுக் கலைகளை மாணர்வர்களுக்கு அறிமுகப்படுத்தும் எண்ணத்தில் இப்பாடம் உருவாக்கப்பட்டுள்ளது.
17UTASB05	சுற்றுலாவியல்	இயற்கையும் இயற்கை சார்ந்த வாழ்வும் தமிழர்களுடையது. ஆகவே பல்வேறு இடங்களைப் பார்க்கவும் அறிந்துகொள்ளவும் கோட்பாடுகளை உருவாக்கியுள்ள சுற்றுலாவியல் பாடமாகக் கற்பிக்கப்படுகிறது.
17UTASB06	தொல்லியல்	நெடுங்கால சமூக வரலாற்றை உடையது தமிழ்நாடு. அதை நிறுவுவதற்கு ஏராளமான தொல்லியல் சான்றுகள் கிடைக்கின்றன. ஆகவே தொல்லியல் கோட்பாடுகளை அறிமுகப்படுத்தவே இப்பாடம் உருவாக்கப்படுகிறது.

		17UTSBHC01	நவீன இந்தியத் தலைவர்கள் (வரலாற்றுத்துறை பாடம்)	இப்பாடம் வரலாற்றுத் துறை சார்ந்தப் பாடம். தமிழ் இலக்கியம் பயிலும் மாணவர்கள் பிறர் துறைச் சார்ந்த பாடம் ஒன்றினைப் பயில வேண்டுமென்ற நோக்கத்தில் இப்பாடம் பயிற்றுவிக்கப்படுகிறது.
B.A TAMIL	III YEAR	12UTA06	யாப்பருங்கலக்காரிகை	தமிழிலக்கியத்தின் வடிவமைப்பை அறிந்துகொள்ள உதவுவது யாப்பாகும். அதன் வகைகளையும் நுட்பங்களையும் விளக்கும் வகையில் அமைந்துள்ள யாப்பிலக்கணத்தைக் கற்பிப்பது இதன் நோக்கமாகும்.
		12UTA07	காப்பியங்கள்	தமிழிலக்கியத்தின் பெரும்பரப்பாகிய காப்பியங்களின் சிறு பகுதியை மாணவர்களுக்கு அறிமுகப்படுத்தும் நோக்கியல் இப்பாடம் அமைந்துள்ளது.
		12UTA08	சமயப்பாடல்கள்	தமிழை பக்திமொழி என்பர். தமிழ் இலக்கிய வரலாற்றின் பல நூற்றாண்டுகளைப் பக்தி இலக்கியம் ஆக்கிரமித்துக்கொண்டுள்ளது. அதன் சிறுபரப்பை அறிமுகமாக்கும் நோக்கியல் இப்பாடம் உருவாக்கப்பட்டுள்ளது.
		12UTA09	திராவிட மொழிகளின் ஒப்பாய்வியல்	உலக மொழிக்குடும்பங்களில் மிகப் பழமையானது திராவிட மொழிக் குடும்பமாகும். ஐந்து மொழிகள் வரிவடிவம் பெற்றவைகளாகவும் கிட்டத்தட்ட இருபது மொழிகள் பேச்சு வடிவாகவும் இன்று வழங்கி வருகின்றன. அவற்றை ஒப்பிட்டு கற்பது இப்பாட நோக்கமாகும்.
		12UTAE01	கணினியும் இணையமும்	எல்லாத் துறைகளிலும் கணினியும் இணையமும் இன்று முக்கியப் பங்கு வகிக்கின்றன. இலக்கியமும் அதில் விதிவிலக்கல்ல. ஆகவே இலக்கியம் பயில்வோர் தம் துறை வார்ந்து கணினியையும் இணையத்தையும் அறிந்துகொள்ளவேண்டும் என்ற நோக்கத்தில் இப்பாடம் வைக்கப்பட்டுள்ளது.

12UTAA01	படைப்பிலக்கியம்	இலக்கியம் பயிலும் மாணவர்கள் தம் படைப்பு திறமையை வளர்த்துக் கொள்ள வேண்டும் என்னும் நோக்கில் இப்பாடம் அமைக்கப்பட்டுள்ளது. கவிதை, கட்டுரை சிறுகதை ஆகியவற்றை எழுதும் முறைகள் இப்பாடத்தில் கற்பிக்கப்படுகின்றன.
12UTA10	தண்டியலங்காரம்	இலக்கியத்தின் நயங்களை விளங்கிக் கொள்வதற்கு அணி இலக்கணம் பயன்படுகின்றது. தமிழ் இலக்கிய அணிகளை வகைப்படுத்திச் சான்றுகளோடு விளக்கும் தண்டியலங்காரம் எனும் இந்நூல் பாடமாக்கப்பட்டுள்ளது.
12UTA11	சங்க இலக்கியங்கள்	தமிழின் பழமைக்கு ஆதாரமாக விளங்கும் சங்க இலக்கியத்தின் ஒரு பகுதியை அறிமுகப்படுத்தும் நோக்கில் இப்பாடம் அமைக்கப்பட்டுள்ளது. அகம் புறம் ஆகிய இருவகைகளிலும் தேர்ந்தெடுக்கப்பட்டவை பாடப்பகுதிகளாக உள்ளன.
12UTA12	சிறிலக்கியங்களும் அற இலக்கியங்களும்	தமிழ் இலக்கியத்தின் முக்கியப் பகுதியாக விளங்கும் அறஇலக்கியம் சிறிலக்கியம் ஆகியவற்றின் சாரத்தை உணர்த்தும் விதமாக இப்பாடம் உள்ளது. அவற்றுள் தேர்ந்தெடுத்தல் பகுதிகள் பாடமாக உள்ளன.
12UTA13	இலக்கியத் திறனாய்வியல்	இலக்கியத்தின் நுட்பங்களை வெளிக்கொண்டுவருவது திறனாய்வியல். திறனாய்வின் பல்வேறு கோட்பாடுகளை அறிமுகப்படுத்தும் நோக்கில் இப்பாடம் அமைக்கப்பட்டுள்ளது.
12UTA14	தமிழ்ச் செம்மொழிப் பண்புகள்	இந்திய அரசால் செம்மொழியாக தமிழ் அறிவிக்கப்பட்டது. பொதுவாக செம்மொழியின் பண்புகள் எவை, அவை தமிழுக்கு எவ்விதம் பொருந்துகின்றன என்பதை ஒப்பிட்டு இப்பாடம் கற்பிக்கப்படுகிறது.
12UTAP	விரிவாக்கச் செயல்பாடுகள் சமூகநலன் சார்ந்த செயல்பாடுகள்	இந்திய அரசால் செம்மொழியாக தமிழ் அறிவிக்கப்பட்டது. பொதுவாக செம்மொழியின் பண்புகள் எவை, அவை தமிழுக்கு எவ்விதம் பொருந்துகின்றன என்பதை ஒப்பிட்டு இப்பாடம் கற்பிக்கப்படுகிறது.

M.A TAMIL	I YEAR	17PTA01	தொல்காப்பியம் - எழுத்ததிகாரம்	இளங்கலையால அறமுத நலையால எழுத்தாலககணம பயின்ற மாணவர்கள் விரிவாகவும் ஆராய்ச்சிப் பார்வையையும் அவ்விலக்கியக்கதைக் கற்பனைக்
		17PTA02	இக்கால இலக்கியங்கள்	இக்கால இலக்கியம் விரிவான பிரிவுகளையும் வகைகளையும் கொண்டது. ஆகவே அது பல தாள்களாகப் பயிலவேண்டிய பாடமாகும். அவ்வடிப்படையில் இத்தாள் விரிவான முறையில் முதுகலையில் பாடமாக வைக்கப்பட்டுள்ளது.
		17PTA03	சிறுநிலக்கியங்கள்	தமிழ் இலக்கிய சில நூற்றாண்டுக்கம் மேற்பட்ட வகைகளை உடையது. அவற்றிலிருந்து தேர்ந்தெடுக்கப்பட்ட வகை மாதிரிகள் பாடமாக வைக்கப்பட்டுள்ளது.
		17PTA04	தமிழர்கலையும் பண்பாடும்	தமிழ் பண்பாடு என்பது கலை இலக்கியங்களேலேயே பெரும்பாலும் பதிவாகியுள்ளது. ஆகவே தமிழ் பண்பாட்டை அறிவதற்கு இலக்கியம் பயன்படும் விதத்தை இளங்கலைப் பாடத்திட்டம் பின்பற்றியுள்ளது. கலைக்கும் பண்பாட்டிற்குமுள்ளத் தொடர்பை பயிற்றும் விதத்தில் இப்பாடம் வடிவமைக்கப்பட்டுள்ளது.
		17PTA05	இலக்கணவரலாறும் உரைவரலாறும்	இளங்கலையில் இலக்கிய இலக்கண வரலாறு ஆகியவை பாடத்திட்டத்தில் உள்ளன. இலக்கண வரலாற்றிற்கு இலக்கண ஆசிரியர்கள் மட்டுமல்லாமல் உரையாசிரியர்களும் பெரும் பங்களிப்பை செய்துள்ளனர். ஆகவே இலக்கணம் உரை ஆகியவற்றை ஒப்பிட்டு பயிலும் நோக்கியல் இப்பாடம் அமைக்கப்பட்டுள்ளது.
		17PTA06	தொல்லதிகாரம்- சொல்லதிகாரம்	மொழியின் அடிப்படையப்பைக் கற்பிக்கும் இலக்கணத்தொடர்ச்சிப் பாடமாகும். இப்பாடம் சொல்லின் இலக்கண வகைகள், அவற்றைக் கொண்டு தொடர்கள் அமையும் முறை ஆகியவை இப்பாடத்தில் கற்பிக்கப்படுகின்றன.
		17PTA07	காப்பியங்கள்	தமிழிலக்கியத்தின் பெரும்பரப்பாகிய காப்பியங்களின் சிறு பகுதியை மாணவர்களுக்கு அறிமுகப்படுத்தும் நோக்கியல் இப்பாடம் அமைந்துள்ளது.

		17PTA08	சமய இலக்கியங்கள்	தமிழை பக்திமொழி என்பர். தமிழ் இலக்கிய வரலாற்றின் பல நூற்றாண்டுகளைப் பக்தி இலக்கியம் ஆக்கிரமித்துக்கொண்டுள்ளது. அதன் சிறுபரப்பை அறிமுகமாக்கும் நோக்கியல் இப்பாடம் உருவாக்கப்பட்டுள்ளது.
		17PTA09	பண்பாட்டு மானிடவியல்	இலக்கியம் பயிலும் மாணவர்கள் பல்வகைக் கோட்பாடுகளை அறிந்து கொள்ள வேண்டும் என்னும் நோக்கத்தில் மானிடவியல் பாடமாக்கப்பட்டுள்ளது.
		17PTA10	நாட்டுப்புறவியல் கோட்பாடுகள்	இப்பாடம் யிறத்துறையில் முதுநிலைப் பயிலும் மாணவர்கள் கற்பதற்கானப் பாடமாகும். தமிழ் இலக்கியத்தில் பதிவு செய்யப்படாத மக்கள் வழக்காறாகிய நாட்டுப்புறவியலை அம்மாணவர்களுக்கு அறிமுகப்படுத்தும் நோக்கியல் கொண்டது இப்பாடமாகும்.
		17PHR01	மனித உரிமைகள்	இப்பாடம் மதிப்பீட்டுக்கல்விக்கானப் பாடமாகும். இக்கால அரசியல் அமைப்பு உலகம் முழுவதும் வாழும் மக்களைக் கணக்கில் எடுத்துக்கொண்டு உரிமைகளைப் பற்றியத் திட்டத்தை உருவாக்கப்பட்டுள்ளது.
M.A TAMIL	II YEAR	17PTA12	தொல்காப்பியம் – பொருளதிகாரம்	தமிழ் இலக்கியதை அணுகுவதற்குகான இலக்கியக் கோட்பாடுகளை தொல்காப்பியம் பொருளதிகாரம் உட்கொண்டுள்ளது. அகம் புறம் என்னும் அக்கோட்பாடுகளை விரிவாக பயில இப்பாடம் உதவுகிறது.
		17PTA13	தமிழக வரலாறும் பண்பாடும்	இப்பாடம் வரலாற்று சார்ந்தப் பாடமாகும். இலக்கியத்திற்கும் வரலாற்றிற்கும் உள்ளத் தொடர்பு மிகவும் ஆழமானதாகும். அதை ஆராய்ச்சி நோக்கில் இப்பாடம் கற்பிக்கப்படுகிறது.

17PTA14	பெரியாரியல்	தமிழகத்தில் இருபதாம் நூற்றாண்டு வரலாற்றில் பல மாற்றங்கள் ஏற்படுத்திய மிக முக்கியமான ஆளுமை பெற்றவர் தந்தை பெரியார். அவரது பெயரால் அமைக்கப்பட்டுள்ள பல்கலைக்கழகத்தைச் சார்ந்தது இக்கல்வி நிறுவனம். ஆகவே பெரியார் குறித்து மாணவர்கள் அறிந்துகொள்ள வேண்டும் என்னும் நோக்கியல் இப்பாடம் பயிற்றுவிக்கப்படுகிறது.
17PTA15	திறனாய்வுக் கோட்பாடுகள்	இலக்கியத்தைத் திறனாய்வுப் பார்வையில் அணுகி ஆய்வுக் கட்டுரை சமர்ப்பிக்கும் திட்டம் முதுகலை மாணவர்களுக்குள்ளது. அதற்கத் தன்னை ஆயத்தப்படுத்தும் வகையில் பல்வேறு திறனாய்வுக் கோட்பாடுகளை இப்பாடத்திட்டம் அறிமுகப்படுத்துகிறது.
17PTA16	கல்வெட்டியல்	தமிழக வரலாற்றை மீட்டுருவாக்கம் செய்ய கல்வெட்டுகள் மிகவும் அவசியமானவையாகும். அக்கல்வெட்டுகளை வாசிக்க பயிற்சி தரும் நோக்கில் இப்பாடம் உருவாக்கப்பட்டுள்ளது.
17PTA17	சங்க இலக்கியம்	தமிழ் செம்மொழி என்றும் மதிப்பைத் தருவதற்கு அடிப்படையானது சங்க இலக்கியமாகும். அதன் பகதிகளை தொல்காப்பியம் பொருளதிகாரம் வெளிச்சத்தில் பயிலும் வகையில் இப்பாடம் உருவாக்கப்பட்டுள்ளது.
17PTA18	பல்நோக்குப் பார்வையில் திருக்குறள்	குறிப்பிட்ட ஓர் இலக்கியத்தை பல கோணங்களில் கண்டு பயில வேண்டும் என்னும் நோக்கில் உலகப் பொதுமறையாக தமிழர்களால் போற்றப்படும் திருக்குறளைப் பற்றியது இப்பாடமாகும்.
17PTA19	ஆராய்ச்சி அறிமுகம்	முதுகலை மாணவர்கள் ஆராய்ச்சித் திட்டக் கட்டுரை சமர்ப்பிப்பதற்கு ஏதுவாக இப்பாடம் வைக்கப்பட்டுள்ளது. ஆய்வேட்டின் அமைப்பு முறை, ஆய்வுச் சிக்கலை தேர்ந்துடுத்தல் முதலியக் கூறுகளை இப்பாடம் கொண்டு அமைக்கப்பட்டுள்ளது.

		17PTAPR01	ஆய்வேடு	முதுகலை மாணவர்கள் ஆய்வுக்கட்டுரை எழுதிப் பயிலும் நோக்கத்தில் குறிப்பிட்ட தலைப்பை தேர்வுசெய்து அதில் குறைந்தப்பட்சம் ஐம்பது பக்கம் வரும் அளவில் எழுதி ஆய்வேடு சமர்ப்பித்தல் இப்பாடத்திட்டமாகும்.
M.PHIL TAMIL	I YEAR	17MPT01	ஆராய்ச்சி நெறிமுறைகள்	ஐவகை ஆராய்ச்சி அணுகுமுறைகளையும் நவீன இலக்கியத் திறனாய்வுக் கோட்பாடுகளையும் விரிவாகக் கற்கும் நோக்கில் இப்பாடத்திட்டம் உள்ளது. ஆய்வேடு சமர்ப்பிக்க மாணவர்களுக்கு உதவும் வகையிலும் எதிர்காலத்தில் தம் ஆய்வுத்துறையைத் தேர்ந்தெடுத்துக் கொள்ளப்பயன்படும் நோக்கிலும் இது அமைகிறது.
		17MPT02	தமிழ் ஆராய்ச்சி வரலாறு	தமிழில் பல காலமாகவே நயம் பாராட்டல் நோக்கிலும் நுட்பங்களை அறியும் வகையிலும் ஆராய்ச்சிகள் நடந்துள்ளன. உரையாகிரியர்கள் பல குறிப்புகளை வழங்கியுள்ளனர். பின்னர் பத்தொன்பதாம் நூற்றாண்டு தொடங்கி பலவகை ஆராய்ச்சிகள் நடைபெற்றள்ளன. இவற்றை வரலாற்று நோக்கியல் மாணவர்களுக்குக் கற்பிக்கும் நோக்கில் இப்பாடம் உள்ளது.
		17MPTP01	ஆய்வேட்டின் அடியொற்றித் தேர்வு	ஆய்வேடு சமர்ப்பிக்க மாணவர் தேர்வு செய்து கொள்ளும் தலைப்பு தொடர்பாக அவரது அறிவையும் வாசிப்பையும் சோதிக்கும் நோக்கில் இப்பாடம் வைக்கப்பட்டுள்ளது.
B.A ENGLISH	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.
		17UFEN01	ENGLISH-I	enabled the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
		17UEN01	POETRY	understand : The forms of poetry via eminent poets like, i) Milton - How soon hath time, ii) Oliver Goldsmith - The village School Master, iii) G.M.Hopkins - Pied Beauty.

17UEN02	GRAMMAR AND USAGE	know about the basic components and Elements of Grammar, i) Parts of Speech, ii) Preposition, iii) Types of Sentences, iv) Idioms and Phrases.
17UENA01	SOCIAL HISTORY OF ENGLAND	learned about the History of England under th following topics, i) The Renaissance, Reformation, ii) Social and Political Changes, iii) Industrial Revolution, Agrarian Revolution, iv) Effects of world war I, II, and Trade Unionism.
17UVE01	VALUE EDUCATION	learned about the basic ethical values like: Pprofessional ethics, Morals, Social responsibilites.
17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிற்றிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.
17UFEN02	ENGLISH-II	understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
17UEN03	PROSE	learned about the types of essays from different writers in prominent ages: i) The Elizabethan Age : Bacon, ii) Romantic age : Charles Lamb, iii) Modern Age : Rudyard Kipling.
17UEN04	INDIAN WRITING IN ENGLISH	learned about the origin of Indian Writing in English and important writers in Idian English Literature : i) Sarojini Naidu, ii) Amitav Ghosh, iii) A.P.J.Abdul Kalam, iv) Kushwant Singh
17UENA02	HISTORY OF ENGLISH LITERATURE	comprehend about the details of English Literature : From Chaucer to Modern Age.
17UES01	ENVRONMENTAL STUDIES	aware about the current aspects about Environmental changes and Eco Consciousness : i) Global Warming, ii) Tree Plantation, iii) Rainwater Harvesting, iv) Deforestation.

B.A ENGLISH	II YEAR			
17UFTA03	TAMIL - III			தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.
17UFEN03	ENGLISH - III			apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.
17UEN05	DRAMA			learned about different types of Dramas and its significance in Literature : Types of Dramas, Detailstudy of Three Dramas, Ben Jonson - Silent Women, Tom Stoppard Betrayal, Samuel Beckett's Waiting For Godot.
17UENA03	LITERARY FORMS AND CRITICISM			studied about the Elements of Literary forms and Criticism. Types of Literary forms like : Lyric, Ballad, Ode, Tragedy, Comedy, Feminist Criticism, Eco-criticism.
17UENS01	CREATIVE WRITING			enriched students to learn about how to write creatively like : How to make Jokes, Rhymes, Article writings, Prepositon of Web Content.
17UENS02	SOFT SKILLS FOR CAREER COMMUNICATION			enabled the students to learn about the Soft Skills to develop their skills in, i) Interpersonal Communication, ii) intrapersonal Communication, iii) Personality Development, iv) Presentation Skills.
17UEAN01	SOFT SKILLS FOR CAREER COMMUNICATION			enabled the students to learn about the Soft Skills to develop their skills in, i) Interpersonal Communication, ii) intrapersonal Communication, iii) Personality Development, iv) Presentation Skills.
17UFTA04	TAMIL - IV			சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.

		17UFEN04	ENGLISH - IV	able the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.
		17UEN06	FICTION	able the students to learn about, i) Types of Fiction, ii) Important Fictions in English Literature like, i) Jane Austen - Pride and Prejudice, ii) J.K. Rowling - Harry Porter and Chamber of secrets.
		17UENA04	PHONETICS AND TRANSCRIPTION	learned about the Proper Pronunciation and the Speech Production. i) Organs of Speech, ii) Vowels, Consonants, iii) Phonetic Transcription.
		17UENS03	PRESENTATION SKILLS	understand the importance of Presentation Skills and its types. i) Powerful Presentaton, ii) Reinforcement, iii) using visual Aids, iv) Obstacles through Presentation.
		17UENS04	PERSONALITY DEVELOPMENT	able the students to aware of the Personality Enrichment. i) Personality Traits, ii) Right attitude and common sense, iii) Self-Management, iv) Critical Thinking.
		17UEAN02	COMMUNICATION FOR PLACEMENT	make them learn about the importance of employability. i) Group Discussion, ii) Technical Proposals, iii) Handbooks and Manuals, iv) Graphic Aids.
B.A ENGLISH	III YEAR	12UEN06	CORE - VI POST COLONIAL LITERATURE	recognised the students to learn about the prominent writers in the Postcolnial Literature.
		12UEN07	CORE - VII ENGLISH FOR COMPETITIVE EXAMINATIONS	enabled the students to study the basic grammar in English and current affaires: Parts of Speech, Active and Passive Voice, Reported Speech, Current Affairs.
		12UEN08	CORE - VIII WOMEN'S WRITING IN ENGLISH	learned the waves in feminist writings. i) First wave, ii) Second wave, iii) Third wave.
		12UEN09	CORE - IX GRAMMAR AND SEMANTICS	enhanced the students to learn about the following features. i) Semantic field, ii) Morphology, iii) Syntax, iv) TG Grammar.

12UEN10	CORE - X TWENTIETH CENTURY LITERATURE	comprehend the literary cultures of the times as well as those culture bound up with the crucial intellectual, Social, Aesthetic, Political, Economic and Environmental Developments that have moulded the early twentyfirst century.
12UEN11	CORE PAPER - XI SHAKESPEARE	learned about the plays of Shakespeare, and its types. i) Shakespearan Tragedy, Tragic Comedy, Comedy, Historical Plays, ii) Plays of Shakespeare : Midsummer's Nights Dream, Romio and Julliet, The Winter's Tale.
12UEN12	CORE PAPER - XII ENGLISH LANGUAGE TEACHING	make the students to learn about, i) Importance of Learning English, ii) Teaching English Grammar, iii) How to teach English Pronunciation, iv) Methods of Evoluvation.
12UEN13	CORE PAPER - XIII ENGLISH LITERATURE FOR COMPETITIVE EXAMINATIONS	makes the students to learn about the following ages of literature. i) Chaucer to Renaissance, ii) Age of Shakespeare, iii) Wordsworth and
12UENE02	ELECTIVE PAPER - II AMERICAN LITERATURE	enabled the students understand the culture and a number of key new literary figures emerged during the period of American Literature.
12UENEP01	ELECTIVE PAPER - III COMMUNICATIONS SKILLS - PRACTICAL	understand them to learn the proper pronunciation. Develop their listening skills, Reading skills, Writing skills- forms filling, Speaking skills - G.D, paper presentation.
12UEX01	EXTENSION ACTIVITY	studied about the awareness program for the students known about the banking, insurance and some of the company details filled by the students some of the application forms, challan etc., students like news paper, magazine, for the illiterate peoples.
M.A ENGLISH	I YEAR	
17PEN01	CHAUCER AND THE ELIZABETHAN AGE	It makes the students to take a travel from a period of transition and trubulence to the Golden Age of English Literature

17PEN02	RESTORATION AND THE AUGUSTAN AGE	It creates the candidates to learn about an increasing commercial prosperity and global trade for Britain in the Restoration Period and also makes aware of the political and social changes in the Augustan Age
17PEN03	THE ROMANTIC AGE	recognised the concept of the genius or artists who was able to produce his own original work through the process of "creation from nothingness" is the key to Romanticism.
17PEN04	INDIAN WRITING IN ENGLISH	understand english literature is the result of cross fertilisation of to fruitfull culture - Indian it is created by Indians both before and after Independence.
17PENE01	AMERICAN LITERATURE	enabled the students understand the culture and a number of key new literary figures emerged during the period of American Literature.
17PEN05	VICTORIAN AGE	cognize the Literature of this period, wonderfully rich and varied in personal quality, embodies the spirits of the age.
17PEN06	TWENTIETH CENTURY LITERATURE	comprehend the literary cultures of the times as well as those culture bound up with the crucial intellectual, Social, Aesthetic, Political, Economic and Environmental Developments that have moulded the early twentyfirst century.
17PEN07	SHAKESPEARE	apprehend his infulence on literature and the English Language has been so significant that it is essential to have an understanding of shakespeare to analysis of modern world.
17PENE02	LINGUISTICS AND STYLISTICS	comprehend the students to know is, Nature and Scope of Linguistics, varieties of english emergency of Progmatics, Elements and style.
17PENED1	JOURNALISM AND MASS COMMUNICATION	cognize the candidates to know about, Various types of news, Reporting, Nature and steps of communication, Function of Mass Media.
17PHR01	HUMAN RIGHTS	aware of the concepts of Human rights, Fundamental rights, Statue and Law, Aware of Articles.
M.A ENGLISH	II YEAR	
17PEN08	NEW LITERATURES IN ENGLISH	
17PEN09	LITERARY CRITICISM	enabled the students to understand that criticism is, thus, distinct from creation and enjoyment and consists in asking and answering rational questions about literature.

		17PEN10	COMPARATIVE LITERATURE AND TRANSLATION	given clear vision about, Defenition of comparative literature and translation, Theory of literary translation, types and aspects of translation - important writers.
		17PEN11	WOMEN'S WRITING	appreciated the general equality and its gradual progress started from the late 19th century to present condition of the women's writings.
		17PENE03	THE ENGLISH LANGUAGE	apprehend the students to learn, Varieties of Language, Problems in Pronunciation, vowels in English, Transcription Practice.
		17PEN12	RESEARCH METHODOLOGY AND RHETORIC	apprehend the students to know about the following aspects in Research Methodology, Meaning of Research, Objectives, Types of Research, Research Approches, Research Methods.
		17PEN13	ENGLISH LANGUAGE TEACHING	make them to understand the history of english, Teaching Language, Total Physical Response, The Silent way, The Natural Approach.
		17PEN14	JOURNALISM AND MASS COMMUNICATION	cognize the candidates to know about, Various types of news, Reporting, Nature and steps of communication, Function of Mass Media.
		17PENPR1	PROJECT	aware of the Research Methodology via Practical and Systematic analysis of individual research project.
		17PENE04	ENGLISH LITERATURE FOR COMPETITIVE EXAMS	understand to know the following important literary periods: i) Chaucer and Elizabethan, ii) Augustan Age, iii) Romantic, iv) Rhetoric and Prosody
B.A HISTORY	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.
		17UFEN01	ENGLISH-I	enabled the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
		17UHI01	Part 3-Core 1. History of India up to 600 A.D	1 . know about our great political History understand the indian culture and civikization the Uniqueness of our art and Articulture 2. 3. know

17UHI02	Core 2. History of India 600 to 1526 A.D	1 . know about the medieval period of Indian History understand the organisation and stucture of Mughls. the feature of Mughals Architecture	2. 3 . study
17UPSA01	Allied – Outlines of Comparative Governments-1	1 . know about our great political History understand the organisation State and its Element the feature of Aristotles classification constitution	2 . 3 . study
17UVE01	Valueducation - Yoga	learned about the basic ethical values like: Pprofessional ethics, Morals, Social responsibilites.	
17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிறுநிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.	
17UFEN02	Part 2-English-2	understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.	
17UHI03	Part 3-Core - History of India 1526 to 1707 A.D	1 . know about the medieval period of History India understand the organisation and stucture of mughals the feature of Mughals Architecture	2. 3 . study
17UHIE01	Elective – Intellectual History of India.	1 . know about our great political leaders know about our social and religious thoughts about our women leaders	2 . 3 . know
17UPSA02	Allied – Outlines of Comparative Governments-2	1 . know about our great political History understand the organisation State and its Elem the feature of Aristotles classification constitution	2 . 3 . study
17UES01	Environmental Studies	aware about the current aspects about Environmental changes and Eco Consciousness : i) Global Warming, ii) Tree Plantation, iii) Rainwater Harvesting, iv) Deforestation.	

B.A HISTORY	II YEAR			
17UFTA03	TAMIL - III			தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.
17UFEN03	ENGLISH - III			apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.
17UHI04	Part 3-Core - History of India 1707 to 1857 A.D			1 . understand the causes for the disintegration of the mughals 2 . understand the reason for the success of the expansion of British rule. 3.studied the varous poticies of the british and the Indians reaction
17UECA01	Allied III INDIAN ENOCOMY PROBLEM POLICIES I			enabled the students to have understanding of the present and past economic situation in india enabled the students to have understanding of the international economic situation enabled the students to have understanding of the size of population, literacy rate, poverty level, percapita income, standard of living of people in india, uses of public distribution system
17UHIS01	SBEC-1. General Knowledge- India			1 . know more about our country 2 . make our student to aware of our natural resources 3 . know about our scientific and Technological capability of our Nation.
17UHIS02	SBEC 2 International Current Affairs			1 . understand the international organitions 2 . know about the current social and economic progress 3 . know about the natural calamities
17UHIS03	SBEC 3. Panjayat Raj			1 . understand the concepts of Panchayath Raj 2 . studied the new Panchayath Raj system 3. studied the implementation of welfare schemes

17UTAN01	NMEC-Salaip pathukappu vithikal/WOMENS STUDIES - 12UHN01	1 known more about the right of the women in the modern world konown about the problems of women s in society .evaluate the women s contribution to our society	2. 3
17UFTA04	TAMIL - IV	சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.	
17UFEN04	ENGLISH - IV	abled the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.	
17UHI05	Part 3-Core - History of India from 1857 to 1947 A.D	1. elicite the factors responsible for the rise of Nationalism. examined the three phases of freedom struggle. highlight the role of Gandhiji for the Indian Independence	2. 3.
17UECA12	ALLIED –IV INDIAN ENOCOMY PROBLEM POLICIES II	enabled the students to have understanding of the indian planning commision history, objectives of the tenth five year plan enabled the students to have understanding of the below poverty line and unemployment problems enabled the students to have understanding of the foreign trade in india, balance of payments, GATT and functions of WTO	
17UHI04	SBEC-1. General Knowledge- India	1. enriched the knowledge and Understanding to face the competitive examinations competed with the International academic environment. acquired the knowledge in all deciplines.	2. 3.
17UHI05	PERSONALITY DEVELOPMENT	1. Understand the determines of personality studied the new self motivation. about our social thinking	2. 3. known
17UHI06	International Current Affaire	1. understand the International Organization. known about the current social and economic progress. known about the natural calamities	2. 3.

		17UTAN02	NMEC-Pechukalai/ (HIS)MAKERS OF MODERN INDIA (TAMIL LIT)_ (11UHI02)	studied about the traffic rules, signals. learned about safety measurement explained about the danger of drunk and drive.	
B.A HISTORY	III YEAR	12UHI06	Contemporary History of India 1947 - 2000 A.D	1 . know the consequences of partition studied policies of various governments understand the impacts of new economic policies.	2 . 3 .
		12UHI07	Part 3-Core : 1.History of Tamil Nadu Up to 1565 A.D	1 . known about the History of Tamilnadu understand the Tamil culture and Civilization known the Tamil rulers ability in worldwide trade contacts known the contributions of tamil kings to the Art and Architecture	2 . 3 . 4 .
		12UHI08	History of U.S.A Up to 1865 A.D	1 . studied the background of the war of independence understand the policies of American presidents known the circumstances led to the civil war	2 . 3 .
		12UHI09	History of Europe 1789 - 1914 A.D	1 . understand the age of revolutions studied the unification of Italy and Germany. .understand the importance world organizations to maintain peace	2 . 3
		12UHI10	Principles and Methods of Archaeology	1 . understand the meaning and the scope of the study of Archaeology understand Archaeology as a source for History involved the student in understand the methods of Exploration and Excavation	2 . 3.
		12UHIE02	Elective: Tourism	1 . known the importance of the Indian Tourism explored the rich heritage of our Nation understand the potentiality of our state	2 . 3 .
		12UHI11	Part 3-Core : 1.History of Tamil Nadu 1565 to 1991 A.D	1 . known about the History of Tamilnadu understand the Tamil culture and Civilization known the Tamil rulers ability in worldwide trade contacts known the contributions of tamil kings to the Art and Architecture	2 . 3 . 4 .
		12UHI12	History of U.S.A from 1865 to 1990 A.D	1 . study the background of the war of independence understand the policies of American presidents .known the circumstances led to the civil war	2 . 3

12UHI13	History of Europe from 1914 to 1990 A.D	1. understand the age of revolutions studied the unification of Italy and Germany. .understand the importance world organizations to maintain peace	2. 3.
12UHI14	History of China and Japan Since 1900 A.D	1. understand the circumstances leading to the Chinese revolution known the Peoples Republic in China understand Japanese imperialism	2. 3.
12UHI15	Journalism	1. understand the meaning of Journalism known the history of press understand the news agency	2. 3.
12UHIE03	Elective: Human Rights	1. understand the value of human rights studied various theories of human rights known various laws and acts pertaining to human rights	2. 3.
12UEX01	EXTRA ACTIVITY: NSS/ NCC/YRC/RRC	studied about the awareness program for the students known about the banking, insurance and some of the company details filled by the students some of the application forms, challan etc., students like news paper, magazine, for the illiterate peoples.	
M.A HISTORY	I YEAR		
17PHI01	Political and Cultural History of India up to 1206 CE	1. paper reflect the ancient Hindu polity. 2. exhibited the cultural aspects such as social, economic and art history of the age the religious life of ancient India.	3. brings out
17PHI02	Political and Cultural History of India from 1206 - 1707 CCE	1. brings fourth the spread of islam in india. traces the cultral syncratism in medieval india. enumerated the condition of south india .	2. also 3.
17PHI03	Political and Cultural History of Tamil Nadu up to Marathas	1. Highlights Dravidan cultural all over india time lights the cultural development of Tamil Nadu. brings out cultural expansion over the asian Continent .	2. 3.
17PHI04	History of Kongu Nadu	1. bringsout the regional History of Kongu Nadu reflects the influence of kongu over the remaing part of Tamil country. .cultural and religues life of Kongu .Nadu	2. 3. examined the social

		17PHIE02	Elective - Indian Architecture	1.This paper throws light on the three styles of Architecture also reflects the synthesis of Indo' Islamic architecture describes the cultural significance of Indian achitecture.	2.It 3.It also
		17PHI05	History of Modern India from 1707-1857 CE	1.This paper examines the establishment of British rule in India also analyses the British polices to our Indian States high lights the contribution of the British to Indian culture	2.It 3.It also
		17PHI06	Freedom Struggle and Social Reforms in India	1.This paper bringsout the reaction of Indian against British rule lime lights the christian missionaries activities. narrates the various movements in India.	2.It 3.It
		17PHI07	Political and Cultural History of Modern Tamil Nadu	1.This paper lime lights the impacts of British rule and Tamil culture. also throwslights on the role of TN in the freedom struggle. exbits condition of TN in the 20 th century.	2.It 3.It also
		17PHEO4	Eletive-2 Tourism and Travel Management	1.This paper sketches objectives of Travel and Tourism . also high lights the travel oriented element of Tourism narrates the impacts of Tourism.	2.It 3.It also
		17PCMED1	EDC-Business communication	To develop better written and oral business communication skills among the students and enable them to know the effective media of communication. To enhance their writing skills in various forms of business letters and reports.	
		17PHRO1	Human Rights (Cumpulsory Paper)	1.Gives an account of evaluation of human rights 2.Explain violation of human rights and its remedies. 3.Traces contrbution of Govt and NGO's	
M.A HISTORY	II YEAR	17PHI08	Contemporary History of India 1947 - 2014 A.D	1.This paper elabrates the origin and evolution of Indian constitution. 2.It also high lights the policies of the Prime Ministers 3.It also enumarates the five year plans	
		17PHI09	Adminisrative History Of India	1.This paper throws lights on the origin and growth of public administration in India 2.It gives an account of the adminstrative funtions is pre- India 3.It also deals with the adminstrative funtions of Indian states.	
		17PHI10	History Of Ancient Civilzation	1.This paper high lights pre historic culture of ancient world 2.It gives an account of the river vally civillization 3.It examines the politcal and cultural contribution of ancient Greece and Rome	

		17PHI11	International Relations Since 1900	<p>1.It explains the concept of international Relations.</p> <p>2.It bringouts various polities of the European countries</p> <p>3.It traces the contition of the world in the post cold war era.</p>
		17PHIZ06	General Studies for Competitive Examination	<p>1.It gives hope for the students thriving for competitive exams</p> <p>2.It gives an account of the basic Knowledge on General studies</p> <p>3.It makes the learner to know more about current affairs</p>
		17PHI12	History Of Modern World	<p>1.This paper high lights legacies renaissance and reformation</p> <p>2.It traces the rise and growth of nationalism in Europe</p> <p>3.It gives an account of the elighted despotism</p>
		17PHI13	Historiography – Historical Methods	<p>1.This paper exhibits the basic idea about Hitorigraphy</p> <p>2.It narrates the characteristics of histoical writtings.</p> <p>3.It describes the methods of Historical research .</p>
		17PHIZ07	Elective - Women Studies	<p>1.This paper reflects the theories and movements of women studies</p> <p>2.It gives an account of the women politics</p> <p>3.It traces the contitions of women in modern society</p>
		17PHIPR1	Project Work- And Viva Voce	<p>1.This paper exhibits the basic idea about Hitorigraphy</p> <p>2.It narrates the he characteristics of histoical writtings</p> <p>3.It describes the methods of Historical research .</p>
COMMERCE	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.
		17UFEN01	ENGLISH-I	enabled the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
		17UCM01	PRINCIPLES OF ACCOUNTANCY	enabled the students to acquire basic knowledge of accounting principles, concepts and conventions. To make the students to acquire the skill to prepare the trial balance and final accounts.

17UCM02	BUSINESS COMMUNICATION	developed better written and oral business communication skills among the students and enable them to know the effective media of communication. enhanced their writing skills in various forms of business letters and reports.
17UECA07	BUSINESS ECONOMICS	At the end of the course students shall be able to understand the fundamental concept of economics and will be able to correlate these concepts to real life situation to markets in particular and the economy in general.
17UVE01	VALUE EDUCATION	learned about the basic ethical values like: Pprofessional ethics, Morals, Social responsibilites.
17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிற்றிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.
17UFEN02	ENGLISH-II	To understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
17UCM03	FINANCIAL ACCOUNTING	enabled the students to learn the basic concepts of Partnership Accounting and allied aspects of accounting. At the end of the course students shall understand partnership accounts, branch and departmental accounts and apply the same in the real business world.
17UCM04	BUSINESS MANAGEMENT	make the students to get acquainted with the basic Principles of Management. On successful completion of this course, the students will get an opportunity to examine and apply appropriate theories / concepts about managing the business effectively.
17UECA08	INDIAN ECONOMY	enabled the students to have an understanding of the present economic situation of India.
17UES01	ENVIRONMENTAL STUDIES	impart knowledge to the student about the theoretical base on environmental studies.

COMMERCE	II YEAR			
		17UFTA03	TAMIL - III	தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.
		17UFEN03	ENGLISH - III	apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.
		17UCM05	BUSINESS LAW	cultivate understanding of the various Trade Laws of Land - with an expert knowledge of Indian Contract Act, Sale of Goods Act. To provide comprehensive understanding of rights, duties and responsibilities of the parties entering into business dealings
		17UCM06	CORPORATING ACCOUNTING -I	enlightened the students on the accounting procedures followed by the company. enabled the students to be aware on the Corporate Accounting in conformity with the provisions of the Companies Act
		17UCM07	BANKING THEORY LAW AND PRACTICE	provided knowledge relating to the procedure for opening bank accounts, features of cheque and lending principles of bank provided exposure to the students with the latest development in the banking field such as ECS, EFT, CBS, SWIFT, KYC etc.,
		17UCMS01	CAPITAL MARKET	enlightened the students the role of capital markets in India. created awareness about the stock market among the students.
		17UCMSP01	MS-OFFICE PRACTICAL	To provide practical knowledge in Ms -Office in order to know about the Ms-Word,Excel and Power Point.
		17USTA10	BUSINESS STATISTICAL METHODS	promoted the skill of applying statistical techniques in business. enabled the students to apply the statistical tools in analysis and interpretation of data.
		17UECN01	NMEC - TOURISM AND DEVELOPMENT-I	At the end of the course students shall be able to understand the fundamental concept of Tourism. Student will be able to correlate with tourism and economics development

17UFTA04	TAMIL - IV	சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.
17UFEN04	ENGLISH - IV	abled the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoear iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.
17UCM08	COMPANY LAW	enlighten the students, The provisions of Companies Act. After the successful completion of the course the students gains knowledge on Formation of company and Documents required.
17UCM09	CORPORATING ACCOUNTING -II	To equip the students with accounting methods formatted from inception to liquidation and to have knowledge about Amalgamation , Absorption and Reconstruction. To lay down a foundation for drafting accounts for special corporate bodies such as banking companies and holding companies.
17UCM10	PRINCIPLES OF MARKETING	highlighted the various marketing functions and to impart necessary skills which help the students to choose a career in the field of marketing. provided basic knowledge about the latest trends in marketing.
17UCMS02	PROJECT METHODOLOGY	provided basic knowledge about the project methodology. After the successful completion of the course the student will come to know how to carry out the project work
17UCMSP02	TALLY PRACTICAL - II	Tally Package and its concepts. Enable to use package for wide range of Business Applications.
17USTA11	BUSINESS STATISTICAL DECISION TECHNIQUES	exposed the students on the application of mathematical techniques in business. enabled the students to apply the techniques of operations research in solving complex business problems

COMMERCE	III YEAR	17UECN02A	NMEC - TOURISM AND DEVELOPMENT-II	enabled the students to have an understanding of the development of tourism and promotion in India.
		12UCM11	COST ACCOUNTING	provided an in-depth knowledge on cost ascertainment. enabled the students to appreciate the utility of costing in industries.
		12UCM12	AUDITING	gained a fair working knowledge of the importance of vouching and internal check in practice in various organizations created interest in the minds of students towards auditing profession.
		12UCM13	INCOME TAX LAW AND PRACTICE -I	gained basic knowledge of the provisions of Income Tax Act under different heads of income. acquired the ability to apply the knowledge of the provisions of laws to various situations in actual practice
		12UCM14	INFORMATION TECHNOLOGY IN BUSINESS	provided an in-depth knowledge on Information Technology in business. enabled the students to appreciate the utility of IT in industries.
		12UCME01	FUNDAMENTALS OF INSURANCE-ELECTIVE PAPER	impart theoretical base on fundamental principles of insurance business
		12UCM15	MANAGEMENT ACCOUNTING	developed an understanding of the conceptual frame work of management accounting. acquaint the students, the Management Accounting Techniques that facilitates managerial decision making.
		12UCM16	ENTREPRENEURIAL DEVELOPMENT	enabled the students to learn the concept of Entrepreneurship. instill ideas on identification, selection and preparation of projects and to have awareness on the institutions promoting entrepreneurship
		12UCM17	INCOME TAX LAW AND PRACTICE -II	provided an in depth knowledge of the provisions of Income Tax Act. enabled the students to access the financial status of the organization and individual and filing of returns
		12UCMP01	COMMERCE PRACTICAL	provided practical knowledge to fill forms like insurance, bank, loan application, membership form, income tax return forms etc.,
		12UCME02	FINANCIAL MANAGEMENT - ELECTIVE PAPER	enlightened the students Role and functions of Financial Management. acquaint the students Theories of Capital Structure and dividend theories.

		12UEX01	EXTENSION ACTIVITIES	studied about the awareness program for the students known about the banking, insurance and some of the company details filled by the students some of the application forms, challan etc., students like news paper, magazine, for the illiterate peoples.
M.COM	I YEAR	17PCM01	MARKETING MANAGEMENT	enlightened the students the role of markets in India. created awareness about the functions of market among the students.
		17PCM02	ACCOUNTING FOR MANAGERIAL DECISION	developed an understanding of the conceptual frame work of management accounting for management function. acquaint the students, the Management Accounting Techniques that facilitates managerial decision making.
		17PCM03	FINANCIAL MANAGEMENT	enlightened the students Role and functions of Financial Management. acquaint the students Theories of Capital Structure and dividend theories.
		17PCM04	MODERN BANKING	provided knowledge relating to the procedure for opening bank accounts, features of cheque and lending principles of bank. To provide exposure to the students with the latest development in the banking field such as ECS, EFT, CBS, SWIFT, KYC etc.,
		17PCME01	ORGANISATIONAL BEHAVIOUR	provided knowledge in organisational working culture among the employee. known about the Personality facts influencing behavior at work.
		17PCM05	ADVANCED COST ACCOUNTING	provided an in-depth knowledge on cost ascertainment enabled the students to appreciate the utility of costing in industries.
		17PCM06	INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT	enlightened the students the role of Financial system in India. created awareness about the various securities analysis among the students.
		17PCM07	ADVANCED BUSINESS STATISTICS	promoted the skill of applying statistical techniques in business. enabled the students to apply the statistical tools in analysis and interpretation of data.
		17PCM08	E-COMMERCE	provided an in-depth knowledge on E-Commerce. enabled the students to appreciate the utility of latest development in E-Commerce.

		17PCME03	FINANCIAL MARKETS AND INSTITUTIONS	enlightened the students the role of Financial markets in India. created awareness about the capital market and money market among the students.
		17PCSED2	EDC -FUNDAMENTALS OF COMPUTERS AND COMMUNICATIONS	provided an in-depth knowledge on fundamental of computers to the students. enabled the students to appreciate the utility of computer and its communications.
		17PHR01	HUMAN RIGHTS AND DUTIES	At the end of the course students shall be able to understand the fundamental concept of human rights. Student will be able to correlate with human rights and its applications.
M.COM	II YEAR	17PCM09	RESEARCH METHODOLOGY	provided an in-depth knowledge on Business Research. enabled the students to appreciate the utility of Statistical tools in business.
		17PCM10	ADVANCED CORPORATE ACCOUNTING	enlightened the students on the accounting procedures followed by the company. enabled the students to be aware on the Corporate Accounting in conformity with the provisions of the Companies Act
		17PCM11	HUMAN RESOURCE MANAGEMENT	provided knowledge relating to the procedure to role and structure of personnel functions in organisation. provided exposure to the students with the latest development in the recruitment and selection process.
		17PCM12	INCOME TAX AND TAX PLANNING	gained basic knowledge of the provisions of Income Tax Act under different heads of income. acquired the ability to apply the knowledge of the provisions of laws to various situations in actual practice
		17PCME06	RETAIL MARKETING	highlighted the various Retail marketing functions and to impart necessary skills which help the students to choose a Career in the field of marketing. provided basic knowledge about the latest trends in Retail marketing.
		17PCM13	INDIRECT TAXES	provided an in depth knowledge of the provisions of various Indirect Tax Act. enabled the students to access the financial status of the organization and individual and filing of returns.

		17PCM14	SERVICE MARKETING	highlighted the various Service marketing functions and to impart necessary skills which help the students to choose a career in the field of Service marketing. provided basic knowledge about the latest trends in Service marketing.
		17PCME07	INSURANCE AND RISK MANAGEMENT	impart theoretical base on fundamental principles of insurance business provided knowledge about the Indian insurance industries and Risk Management.
		17PCMPR1	PROJECT WORK	provided basic knowledge about the project Preparation. After the successful completion of the course the student will come to know how to carry out the project work.
BUSINESS ADMINISTRATI ON	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.
		17UFEN01	ENGLISH-I	enabled the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
		17UBA01	Principles of Management	Relate, discuss, understand, and present management principles, processes and procedures in consideration of their effort on individual actions. Participate, summarize and/or lead class discussions, case problems and situations from both the text and student experience that relate to the text material. Knowledge and understanding of the Principles of Management will enable the student manager and/ or employee and gain valuable insight into the workings of business and other organizations.
		17UBA02	Business Communication	educated the students in the skills of communication so as to help them to interact with the society effectively in their career. Provide skills and strategies for different business scenarios and focus on key expressions and then put the language into practice. Help students to communicate confidently in everyday situation.

17USTA10	Business Mathematics and Statistics- I	The objective of this course is to teach the Business Mathematics & Stastical concept and principle sequence & series, Matrix Algebra and their applications in Business. At the end of the course students will be able to apply their Mathematics skill to various Business problem.
17UVE01	Yoga (value education)	Objectives of the yoga to increase the students capacity to face up the life's challenges. It is beneficial for students as it calms down the mind and make the stress free state which helps them to concentrate more on studies. I have the responsibility in goodness of students. I teach those asanas which enhance muscle strength, co-ordination , flexibility agility, range of motion, inner peace.
17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிற்றிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.
17UFEN02	ENGLISH-II	understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
17UBA03	Organizational Behavior	objectives of this assignment is to make students acquainted with fundamentals of organizational behavior and various practices, theories and concept related with human behavior. Familiarize the students with human behavior at work. Impart executives the knowledge of individual, group and organizational behavior and its importance in increase their effectiveness respectively.
17UBAE03	FINANCIAL ACCOUNTING	explained the financial statements as journals, ledger, trail balance, balance sheet discussed about the bill of exchange and promissory note. studied about the various methods of depreciation

		17USTA11	Business Mathematics and Statistics- II	The objective of this course is to teach the Business Mathematics & Stastical concept and principle life Mathematics, Differential Equation and their applications in Business. At the end of the course students will be able to apply their Mathematics skill to various Business problem.
		17UES01	Environmental Studies	Students are our future environment they need to know about how the nature world works, how we as humans interact with the environment, and also to determine how we affect the environment. Teaching eco system and environment issues to students in technical streams make them understand the environment
BUSINESS ADMINISTRATI ON	II YEAR	17UFTA03	TAMIL - III	தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.
		17UFEN03	ENGLISH - III	apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.
		17UBA04	Marketing Management	explained about how to attract the customers, how to get the benefit get the goodwill and public image in the marketing management. known about the how to prepare product's advertisement, and to know the labels, symbols, slogan, logo etc., how to speak to the customer, and creation of new ideas
		17UBA05	Financial Management	studied the responsibilities of owners and business manager's analyze the cash flow and on the financial condition of the company. studied the business growth and profits
		17UBA06	Human Resource Management	analyze human resource management professional To studied the labor market, employment trends and salary To studied the recruitment, training & development, promotions activities, transfer, selection procedures.

17UECA03	Managerial Economics	enabled the students to have understanding of the managerial economics, demand and supply how to price determination in perfect competition enabled the students to have understanding of the inflation causes, effects, controls of inflation, deflation, phases of business cycle
17UBASP01	Campus to Corporate	familiarize students with various communication methods that exist in business and to train them for smooth transition from campus to corporate. developed self-confidence to perform and produce better results understand the strengths, weaknesses, opportunity and threats.
17UBAS01	Fundamentals of Insurance	impart to the students the elementary knowledge of terminology concepts, definitions, procedures, and principles in banking and insurance Every risk involves the loss of one or other kind. In older time, the contribution by the person was made at the time of loss. Today, only one business, which offers all walks of life, is insurance business. Owing to growing complexity of life, trade and commerce, individual and
17UBAS02	Life Skill Education	studied about the life skills and self awareness studied about the listen power, self image, jahori window discussed about thinking, strss, goal setting, copying skills, swot analysis
17UBAN01	Business Management (POM)(NMEC)	studied about the how to start and maintain the business discussed about the level of manager,(top, middle, lower) and functions of management activities analzing the worker's participation, management by objectives, leadership
17UTAN01	Salai pathukappu vithigal	studied about the traffic rules, signals. learned about safety measurement explained about the danger of drunk and drive.

17UFTA04	TAMIL - IV	சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.
17UFEN04	ENGLISH - IV	abled the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.
17UBA07	Production and Materials And management	studied the supply chain process, six sigma etc., studied the conversion of raw materials, machinery, information, manpower etc., studied the how to reduce of cost and using various reducion
17UBA08	Management Accounting	discussed about the budding professionals; they need to take quality decisions for controlling business activities. prepared about the current asset and liabilities, and making the working capitals ratio, budgeting, fund flow, cash flow statements, provided a decision making, framework, as planning, organizing
17UBA09	Business Law	Students will possess knowledge and understanding of substantive and procedural law; Students will possess the ability to perform: a) legal analysis and reasoning, legal research, problem solving, written communication in the legal context,oral communication in the legal context. Students will understand the exercise of proper professional

17UECA04	Money Banking and Global Business	enabled the students to have understanding of the money, bank, functions of commercial banks and functions of RBI enabled the students to have understanding of the debit card, credit card, merits of ATM, mobile banking, internet banking and phone banking enabled the students to have understanding of the foreign exchange rate, functions of WTO, GATT, history of Euro currency
17UBAS03	Export and Import Documentation	Students understand the export and import process, paying duty, and classifying products. Identify the major export and import documents required by banks, governments, transportation and insurance companies. The Export and Import Practice Management course contains practical lessons in global trading which deal with the most important aspects of importing and exporting, including approaches to them, required documents, payment methods, financing options, shipping, insurance, marketing, and legal and cultural consideration
17UBASP02	In plant Training -(Viva -Voce)	In plant training is usually like a class where the students will get to know the basics of the subject impart to new entrants basic knowledge and skills. In plant training provides practical knowledge to the students and gives
17UBAS04	Practice of Business Relations	developed objectives which are scientific , it is essential to include precise milestones that evaluate progress in the realization of set aspirations. This process may include the following 1. Map desired communications outcomes 2. Spot target segment for desired outcome 3. State expected level of success 4. Identify time frame for target outcome
17UTAN02	Pechukkalai	discussed about how to talk in the stage, given practice for how to speak in the meetings given training for how to overcome from the stage fear

		17UBAN02	Human resource management (NMEC)	analysed human resource planning, and provident fund, employee state insurance, maternity benefits. studied the labour welfare aspects, performance appraisals discussed the job training and off the job training process
BUSINESS ADMINISTRATI ON	III YEAR	12UBA10	Financial Management	1. Students can easy understand Financial objectives are goals related to a set money amount that is based on the company's plan for that year or quarter. They can be broken down into small items or be more general. 2. Students interested in studying financial management can enro
		12UBA11	Human Resource Management	discussed about the training and development, recruitment, promotions studied about the manpower planning, human resource planning analysed the indian labour laws, to know about the selection
		12UBA12	Marketing Management	studied about the market segmentation, market environment, discussed about company logo, slogan, advertismet design. explained the 7p's of marketing,
		12UBA13	Production and Material Management	studied the supply chain process, six sigma etc., studied the conversion of raw materials, machinery, information, manpower etc., studied how to reduce of cost and using various reducion
		12UBA14	Management Information System	learned the basic concepts of management information system understand the Characteristics of computer information system studied the System classification learned the Transactions processing information systems understand the Functional Management information systems
		12UBAE03	Service Marketing	known about the how to giving the service for customer discussed about the how to attract the customer through the service explained about the product details studied about the how to keep the business for customers

12UBA15	Business Policy & Strategic Management	<p>The objective of the course is to acquaint the students with the nature, scope and dimensions of business policy and strategy management.</p> <p>Analyze the characteristics of a business's vision and mission.</p> <p>Analyze the process of implementing strategies in the following business functions: a) management b) operations c) marketing d) finance / accounting e) research and development and f) management information systems.</p>
12UBA16	Financial institutions and services	<p>Students will be given financial statements of several different types of financial services institutions and asked to analyze the capital structure and evaluate the institutions' exposure to financial risk.</p> <p>Known how to use time value of money calculations to make financial decisions.</p> <p>Understand and be able to explain how financial institutions manage</p>
12UBA17	Marketing Research	<p>analyze the identificatin of the problems in the markets</p> <p>make the questionnaire and observation about the markets</p> <p>studied the research methodology, sampling, population, sampling area.</p>
12UBAPR1	Project Work	<p>investigate the development of students ability in transformational geometry.</p> <p>designed tests for measuring students ability on transformational geometry and spatial abilities and a self report questionnaire for assessing their cognitive styles.</p>
12UCSA07	Computer Application in Business - Theory	<p>Learned the basic concepts of Programming languages and MS-Word. Study the MS-Excel, Poerpoint and Email Concepts. Understant the Data processing and web information.</p>
12UCSAP07	Computer Application in Business - Practical	<p>Solved the problem using Ms-Word. Understand the mail merge, prepare the employee salary slip using MS-Excel. Drawing Graph and slide show Presentation. Prepare a Bio-Data using HTML.</p>

		12UBAE07	Retail Marketing	studied the retail marketing can help the small business analyse if the retail marketing shopping pleasurable and experience. analyse consumer behaviours.
		12UEX01	Extension Activities	studied about the awareness program for the students known about the banking, insurance and some of the company details filled by the students some of the application forms, challan etc., students like news paper, magazine, for the illiterate peoples.
B.SC BOTANY	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.
		17UFEN01	ENGLISH-I	To enable the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
		17UBO01	PLANT DIVERSITY - I - ALGAE AND BRYOPHYTES	To know about the basic knowledge of Algae and Bryophytes, Evolution of Plant Diversity. To know about the Structure, Habit, Habitate, Reproduction and than life cycle of Algae and their use medicine and fooder of Human and Animals.
		17UZOA01	ALLIED ZOOLOG - I - INVERTABRATES AND CHORDTE ZOOLOGY	A brief introduction and nomenclature - level of organization and classification up to order level. To acquire knowledge and skills in drawing by actual observation at its original and natural condition. To know the diseases causing protozoans and take preventing methods and treatments also explain.
		17UVE01	VALUE EDUCATION - MANAVALAKKALAI YOGA	To make a awareness of Yoga among the studies. Importance of physical and psychological fitness need for younger generation. Health hygene is always maintained by all.
		17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிறுநிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.

17UFEN02	ENGLISH-II	To understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
17UBO02	PLANT DIVERSITY - II - FUNGI, LICHEN, BACTERIAS AND VIRUSES	To know the basic knowledge of Fungi, Lichen, Bacteria and Virus. To study the Habits and Habitats of Fungi, Lichen, Bacteria and viruses. To learning the systematic positions of Fungi, Lichen, Bacteria and Viruses. To understand the various types and classification of Fungi. To know the information's of Nature, Shape and size of Bacteria and viruses. To study the harmful diseases of Bacteria, Virus and Fungi. To know the preventing methods of these harmful diseases.to learning the Economic importance of Fungi, Lichen, Bacteria and Viruses.
17UBOS01	SBEC -I - MUSHROOM CULTURE TECHNOLOGY	To strengthen the promotion of mushroom cultivation by establishing a well- equipped laboratory and offices. To improve the unit with appropriately trained personal for the promotion of mushroom production in the country. To empower rural communities with entrepreneurial skills through the production and sale of mushroom. To help create new employment opportunities for rural women and the through mushroom cultivation.
17UZOA01	ALLIED ZOOLOGY - II	This paper will give sufficient knowledge about the higher animal's. To gain the knowledge of animal cell structure and its functions. To acquire the knowledge of development biology, totally and fully about new birth young ones. The pupils understand fully human digestion and its disorder. To findout the relationship of ecosystem and animal association. To gain knowledge for exploration of evolutionist and their theories.

17UES01	ENVIRONMENTAL STUDIES	<p>This title encoded the out surrounding and living organisms. To acquire the knowledge about organisms adapted capacity. The students understand the knowledge of biotic and abiotic factors. We create the vigilance about the environmental laws and regulation in India.</p>
17UBOP01	MAJOR BOTANY PRACTICAL - I	<p>To gain the practical knowledge of Algae and Bryophytes To know about the Structure, Habit, Habitate, Reproduction and than life cycle of Algae. To understand the life cycle and economic important of Bryophytes. To know about the use medicine and fooder of Human and Animals. To know the basic knowledge of Fungi, Lichen, Bacteria and Virus. To study the Habits and Habitats of Fungi, Lichen, Bacteria and viruses. To learning the systematic positions of Fungi, Lichen, Bacteria and Viruses. To know the information's of Nature, Shape and size of Bacteria and Viruses. To study the harmful diseases of Bacteria, Virus and Fungi. To know the preventing methods of these harmful diseases.to learning the Economic importance of Fungi, Lichen, Bacteria and Viruses.</p>

		17UZOP01	ALLIED ZOOLOGY PRACTICAL - I	<p>To gain the practical knowledge the level of organization and classification up to order level.</p> <p>This course will enable the students to gain knowledge of the importance of invertebrate's and chordates animals.</p> <p>To acquire knowledge and skills in drawing by actual observation at its original and natural condition.</p> <p>To create awareness of single cell, multicellular and tissue grade organisms and its life cycles.</p> <p>To gain the knowledge of animal cell structure and its functions.</p> <p>To acquire the knowledge of development biology, totally and fully about new birth young ones.</p> <p>The pupils understand fully human digestion and its disorder.</p> <p>To findout the relationship of ecosystem and animal association.</p> <p>To gain knowledge for exploration of evolutionist and their theories</p>
B.SC BOTANY	II YEAR	17UFTA03	TAMIL - III	<p>தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.</p>
		17UFEN03	ENGLISH - III	<p>To apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.</p>
		17UBO03	ANATOMY AND EMBRYOLOGY OF ANGIOSPERMS	<p>To import an insight into the internal structure and reproduction of the most evolved group of plants, the angiosperms.</p> <p>To understand the structural adaptations in plants growing in different environment.</p>
		17UBOS02	SBEC - II - HORTICULTURE	<p>To gain knowledge for exploration of new plants.</p> <p>To develop skill in students of growing various horticultural plants thereby to raise a nursery.</p> <p>To know knowledge for importance and scope of horticulture.</p>

17UBOA01	ALLIED BOTANY - I	To gain knowledge of the plant habit characteristics and economic importance. The science is to have a reference system for plant where the scientist can work with names onities such as species, genes and family.
17UBON01	NMEC - I - MUSHROOM CULTIVATION	To motivate for self-employment by knowledge and practicing in the preparation of mushroom culture technology. To strengthen the promotion of mushroom cultivation by establishing a well-equipped laboratory and offices.
17UFTA04	TAMIL - IV	சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.
17UFEN04	ENGLISH - IV	To able the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.
17UBO04	PLANT DIVERSITY - III - PTERIDOPHYTES, GYMNOSPERMS AND PALEOBOTANY	To gain knowledge of the importance of pteridophytic plants in conserving food and fuel. To study morphology, anatomy and structure of the spore bearing parts and gametophytes of the genera. To create awareness in the understanding of extinct plants. To know the fossil value and maintain. To create awareness of Gymnosperms and Fossils.
17UBOS02	SBEC - III - PLANT TISSUE CULTURE	To gain knowledge for exploration of new plants. To develop skill in plant tissue culture techniques. To know knowledge for importance and scope of plant tissue culture.

		17UBON02	NMEC - II - HERBAL BOTANY	<p>Through this paper we have the opportunity to explore the uses of plants as medicine, ranging from traditional indigenous approaches for treating ailments to modern medicine.</p> <p>This elective course we have to learn about the biology of medicinal plants.</p> <p>To gain more knowledge of classification of crude drugs.</p>
		17UBOA02	ALLIED BOTANY - II	<p>To gain knowledge of Algae and Fungi.</p> <p>To know about plant Lycopodium and Cycas.</p> <p>To understand types of pollution and their control measures.</p> <p>To know about plant succession is like hydrosere and xerosere.</p>
		17UBOP02	MAJOR BOTANY PRACTICAL - II	<p>To understanding the internal structure of plants and reproduction of the plants through practical's.</p> <p>To gain practical knowledge of the importance of pteridophytic plants.</p> <p>To study morphology, anatomy and structure of the spore bearing parts and gametophytes of the genera.</p> <p>To create awareness in the understanding of extinct plants.</p> <p>To know the fossil value and maintain.</p>
		17UBOAP01	ALLIED BOTANY PRACTICAL - I	<p>To gain the practical knowledge of the Systematic botany is to know the various kinds of plants on the surface of earth.</p> <p>To understand types of plant classification.</p> <p>To gain knowledge of Algae and Fungi , lycopodium and Cycas.</p>
B.SC BOTANY	III YEAR	12UBO05	PLANT MORPHOLGOY AND TAXONOMY	<p>To know the basic knowledge of plant morphology and taxonomy.</p> <p>To study the various External plant parts.</p> <p>To learn the types differences, similarities of external plant parts.</p> <p>To leans the classifications and systematic positions of lower plants and higher plants.</p>

12UBO06	CYTOLOGY AND GENETICS	<p>To understand the ultrastructure of plant cell and all the cell organelles in detail study.</p> <p>To know about the chromosome structure, morphology to study.</p> <p>To understand the DNA and RNA structure, replication and types.</p> <p>To know about the cell division of amitosis, mitosis and meiosis.</p> <p>To know about the mono and dihybrid cross, mendalian cross, lethal genes, multiple alleles and blood groups.</p> <p>To understand the linkage, crossing over, mapping of genes and Weiburg principle to study.</p>
12UBOS03	SBEC- III - MICROTECHNIQUE	<p>Develop an interesting and important of microtome and sectioning.</p> <p>To know about the microtechnique process and preparation.</p> <p>To know about the microtomy technology.</p> <p>To know about types of microtomes.</p> <p>To improvement of microsection techniques.</p> <p>To improve the unit of stain and staining techniques.</p>
12UBOS04	SBEC- IV - SEED TECHNOLOGY	<p>To gain knowledge of seed formation.</p> <p>To create awareness of roals and goals of seed technology.</p> <p>To train in techniques of seed viability.</p> <p>Students who complete this course can pursue research.</p> <p>Students will better understanding seeds and their importance in Biosphere as life sustaining components.</p> <p>To develop student skills of growing various seeds.</p> <p>To motivate for self employment by knowledge and practicing in the preparation of seed.</p>
12UBOE01	ELECTIVE - I - PLANT BIOTECHNOLOGY	<p>Earn while learn can be done with the acquirement of basic knowledge in growing some medicinal plants in tissue culture.</p> <p>To gain knowledge of the techniques of producing desirable plants through the study of genetic engineering.</p> <p>To create awareness in the understanding of extinct plants and to their production.</p> <p>Students learn about use of microbes in industries.</p> <p>To gain knowledge of commercial production of enzymes.</p> <p>Students learn about Biofuels and Biogas.</p>

12UBOE02	ELECTIVE - II- AGRICULTURAL MICROBIOLOGY	<p>To acquire skills in drawing by actual observation at its original and natural conditions in soils.</p> <p>To develop skill in students of soil microflora.</p> <p>How improving soil fertility.</p> <p>To learn about microbial diseases in crop plants.</p> <p>To understand the role of decomposers.</p>
12UBO07	PLANT PHYSIOLOGY	<p>To know about the physiological mechanisms in plants.</p> <p>To understand the absorption of water and minerals, translocation and role of macro and micro nutrients to study.</p> <p>To understand the Respiration, Glycolysis, Electron transport system and oxidative phosphorylation to study.</p> <p>To know about the nitrogen metabolism, nitrogen fixation and protein synthesis to study.</p> <p>To understand the plant growth regulators their physiological effects of plant.</p>
12UBO08	PLANT ECOLOGY AND PLANT GEOGRAPHY	<p>To acquire skills in drawing by actual observation at its original and natural condition and create awareness of natural resources and methods of conservation.</p> <p>To know about the ecosystem like biotic and abiotic.</p> <p>To understand types of pollution and their control measures.</p> <p>To know about plant successions like hydrosere and xerosere.</p>
12UBO09	PLANT PROTECTION	<p>To understand the damage to crops of insects, nematodes, fungi, bacteria and viruses to study.</p> <p>To know about the types of disease and causal agent, prevention of plant diseases and plant protection to study.</p> <p>To study of soft rot of vegetables, blight of rice, canker disease, ring rot of potato disease.</p> <p>To understand the casual organism, symptoms, control measures of viral diseases to study.</p>

12UBOS05	SBEC - V - PLANTBREEDING AND PLANT UTILIZATIONS AS A FOOD	<p>To know the basic information's of plant breeding.</p> <p>To know the details of edible plant parts.</p> <p>To study the various methods and procedures of plant breeding.</p> <p>To learn the various methods of polyploids and mutation breeding.</p> <p>To understand the economical uses of hybrid varieties.</p> <p>To understand the various types of food crops for human beings and animals.</p>
12UBOS06	SBEC - VI - BIOFERTILIZERS (12UBOS06)	<p>To know the Basic knowledge of Bio fertilizers.</p> <p>To study the various types of bio fertilizers.</p> <p>To understand the various organisms are involved for bio fertilizer.</p> <p>To know the nature and roles of these organisms.</p> <p>To learn the culture methods, preparing methods and procedures of biofertilizers.</p> <p>To know the suitable biofertilizer and using amounts of suitable crops.</p> <p>To study the economic importance of biofertilizers.</p>
12UBOE03	ELECTIVE - III - MEDICINAL BOTANY	<p>This elective course we have to learn about the biology of medicinal plants. o gain more knowledge of classification of crude drugs.</p> <p>To get the more knowledge of harvesting of medicinal plants, packing of crude drugs, marketing of medicinal plants.</p>
12UBOP03	MAJOR BOTANY PRACTICAL - III	<p>To know the basic knowledge of plant morphology and taxonomy.</p> <p>To learn the types differences, similarities of external plant parts.</p> <p>To understand the shape, size, colour and nature of plant external plants.</p> <p>To study the uses of plant external plants.</p> <p>To know the economic uses of plant external parts.</p>

		12UBOP04	MAJOR BOTANY PRACTICAL - IV	<p>To gain the practical knowledge about the physiological mechanisms in plants.</p> <p>To gain the practical knowledge about the absorption of water and minerals, translocation and role of macro and micro nutrients to study.</p> <p>To understand the Respiration, Glycolysis, Electron transport system and oxidative phosphorylation to study.</p> <p>To know about the nitrogen metabolism, nitrogen fixation and protein synthesis to study.</p> <p>To understand the plant growth regulators their physiological effects of plant.</p> <p>To gain the practical knowledge about the ecosystem like biotic and abiotic.</p> <p>To understand types of pollution and their control measures.</p> <p>To know about plant successions like hydrosere and xerosere.</p> <p>To know about the types of disease and causal agent, prevention of plant diseases and plant protection to study.</p> <p>To study of soft rot of vegetables, blight of rice, canker disease, ring rot of potato disease.</p>
B.SC COMP SCI	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.
		17UFEN01	ENGLISH-I	To enable the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters, Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
		17UCS01	Digital Computer Fundamentals and Microprocessor	Introduce the computers and number system. Learn boolean algebra and gate networks. Get hands on experience with Assembly Language Programming. Study interfacing of peripheral devices with 8085 microprocessor. Understand techniques for faster execution of instructions and improve speed of operation and performance of microprocessors.

17UCSP01	Practica I-Assembly Language Programming	Perform 8-bit subtraction,multiplication and division using 8085 Microprocessor. Arrange the given numbers in ascending order. Convert the HEX number to Decimal number and perform BCD addition.
17UMAA01	ALLIED MATHS -I(ALGEBRA, CALCULUS AND FOURIER SERIES	To find the roots of the polynomial roots and to learn about curvature, asymptotes, integration by parts
17UVE01	Value Education-Yoga	To learn about value education
17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிறுநிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.
17UFEN02	ENGLISH-II	To understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
17UCS02	C Programming	Understanding a functional hierarchical code organization.Ability to define and manage data types and variables.Ability to work with textual information, characters and strings.Ability to work with arrays of complex objects.Understanding a defensive programming concept. Ability to handle possible errors during program execution. Understand the structures,unions and file management.
17UCSP02	Practical II - Programming in C	Implement binary search to find a particular name in a list of names. Count the number of alphabets, special characters and words in line of text using file.To make the student learn a programming language.To learn problem solving techniques.To teach the student to write programs in C and to solve the problems.
17UMAA02	ALLIED MATHS -II(DIFFERENTIAL EQUATION AND LAPLACE TRANSFORM	Completion of the subject to the students should have gained knowledge about solution of differential equations, formation of partial differential equation, Laplace and inverse Laplace transform & finite difference
17UMAAP01	ALLIED MATHEMATICAL PRACTICAL	completion of the subject the students should have gained knowlegde about the practical in class about rank of matrix, cayley- Hamilton theorem, leibnitz formula, Euler's theorem, partial differential, scalar and vector point functions, then divergence and curl of vector point functions

		17UCSS01	System Administration and Maintenance	This course is a introduce the personal computer and computer Assembly language. It provides basic information of Operating System ,Laptop , Portable Devices. Understand the basic concepts of networks and important network services, disaster recovery procedures, and techniques for ensuring the security of the system.
		17UVES01	Environment Studies	This title encoded the out surrounding and living organisms. To acquire the knowledge about organisms adapted capacity. The students understand the knowledge of biotic and abiotic factors. We create the vigilance about the environmental laws and regulation in India.
B.SC COMP SCI	II YEAR	17UFTA03	TAMIL - III	தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.
		17UFEN03	ENGLISH - III	To apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.
		17UCS03	Object Oriented Programming with C++	To learn advanced features of the C++ programming language.To learn the characteristics of an object-oriented programming language: data abstraction and information hiding, inheritance, and dynamic binding of the messages to the methods.To learn the basic principles of object-oriented design and software engineering in terms of software reuse and managing complexity.
		17UCS04	Data Structures and Algorithms	Understand and remember algorithms and its analysis procedure.Introduce the concept of data structures through ADT including List, Stack, Queues.To design and implement various data structure algorithms.To develop application using data structure algorithms.Understand Algorithms,Trees and Searching.

17UCSP03	Practical III - Programming in C++	Solve the problems using object-oriented programming language in a program. Use the basic object-oriented design principles in computer problem solving. Program with advanced features of the C++ programming language. Develop programs in the C++ programming environment.
17UPHA01	Allied II Paper I	1. Studied about the young's modulus and rigidity modulus of the materials. Verified the laws of transverse vibrations using sonometer. 2. Learned about vander waal's equation of state and liquefaction of gases. Learned about Gravitational constant. 3. Learned about the electrical circuits and measurement of resistance
17UBAN01	Principles of Management system(NMEC)	studied about the how to start and maintain the business discussed about the level of manager, (top, middle, lower) and functions of management activities analyzing the worker's participation, management by objectives, leadership
17UFTA04	TAMIL - IV	சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.
17UFEN04	ENGLISH - IV	To able the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.
17UCS05	Relational Database Management System	Learn the features of database management systems and Relational database . Design conceptual models of a database using ER modeling for real life applications and also construct queries in Relational Algebra. Create and populate a RDBMS for a real life application, with constraints and keys, using SQL. Analyze the existing design of a database schema and apply concepts of normalization to design an optimal database. Understand the Transaction management in rdbms.

		17UCSP04	Practical IV - RDBMS	To understand the different issues involved in the design and implementation of a database system. To Create the table and understand the data manipulation language to query, update, and manage a database. To design and build a simple database system and demonstrate competence with the fundamental tasks.
		17UPHA02	Allied II Paper II	1.Learned about the vector atom models and coupling. 2.schemes studied about nuclear models. 3. Studied about Bonding in crystals and structures of crystals. 4. Learned about the semiconductor physics and logic gates. 5. Learned about the applications of lasers and masers
		17UPHAP01	Allied II Practical	1.To determine youngs modulus of the material by uniform and non uniform bending methods, rigidity modulus of the given material, Torsion pendulum, and static torsion, potentiometer - calibration of voltmeter and ammeter , Verification of Truth tables of AND , OR AND NOT
		17UCSS02	Internet and its Application	To introduce the internet, internet technologies and Web Server. Learn the Internet relay chat and case studies.
		17UBAN02	Human resource management (NMEC)	analysed human resource planning, and provident fund, employee state insurance, maternity benefits. studied the labour welfare aspects, performance appraisals discussed the job training and off the job training process
B.SC COMP SCI	III YEAR	12UCS06	GUI Programming	The course is designed to provide Basic knowledge of VB. VB programming is intended for software engineers, system analysts, program managers and user support personnel who wish to learn the VB programming language. Learn the Introductory to VB,Sub procedures and Sub functions. Understand the basic concepts of tools and accessing database files.

12UCS07	Operating System	To understand the main components of an OS & their functions.To study the process management and scheduling.To understand various issues in Inter Process Communication (IPC) and the role of OS in IPC.To understand the concepts and implementation Memory management policies and virtual memory.To understand the working of an OS as a resource manager, file system manager, process manager, memory manager and I/O manager and methods used to implement the different parts of OS.
12UCS08	Computer Network	Study the basic taxonomy and terminology of the computer networking and enumerate the layers of OSI model and Study Session layer design issues, Transport layer services, and protocolsTCP/IP model.Study data link layer concepts, design issues, and protocols.
12UCSE01	Elective I -Discrete Structures	Understand the problem solving technique. Learn the sets and Proposition,Functions and Relations and Algebraic Systems. Sound knowledge in Graph Theory and Trees.
12UCSE02	Elective-I- Multimedia	Understand the basic concepts in multimedia , Images, Animation and making Multimedia. Learn the Planning and Costing.
12UCSE03	Elective-I- Problem Solving Technique	Learn the problem Solving and basic Concepts in Algorithms. Understand the backtracking Technique and Factoring methods. Sound Knowledge in Array Technique, merging, Sorting and Searching.
12UCSP05	Practical - V -Programming in VB	Construction of an arithmetic calculator and simple programs using loops and decision making statements. Understand the concept of data-driven program execution flow control in Visual Basic programming. Develop a program to Insert,Update,Delete a record in database using ADO.
12UCSS03	SBEC-III-Practical-Shell Programming	Write a shell script program to display list of user currently logged in.Write a shell script program to particular information.Write a shell script program to develop a multiplucation table of the given argument using for loop.Write a shell Script program to compare two file and if found equal delete the duplicate file.

12UCSS04	SBEC-IV-Multi Skill Development	To understand the communication and numerical aptitude. To understand the critical reasoning and self introduction. To discussed group discussion.
12UCS09	Java programming	To understand the JVM and data types in Java.Be able to program using Java features such as composition of objects, Operator overloading, inheritance, Polymorphism etc.knowledge of object-oriented paradigm in the Java programming language. Understand the Arrays,Strings,Multi thread programming and Graphics programming.
17UCS10	Software Engineering	To help students to develop skills that will enable them to construct software of high quality – software that is reliable, and that is reasonably easy to understand, modify and maintain. To understand the intorduction, Requirement analysis,Specification,Function Oriented Software Design,User Interface Design and Software Reliability, Quality Management.
12UCSE04	Elective - II- Datamining and warehousing	Understand the basic concepts in data mining and Applications. Learn the Classification of decision trees and Cluster Analysis. Knowledge in Web Data mining. To Study the basic concepts in Dataware housing.
12UCSE05	Elective - II- Unified Modeling language	Study the role of Analysis and desin in Software Development. Learn the Static Modeling using Class Diagrams.Understand the Interaction Diagrams,Dynamic Modeling using State and Activity diagrams. Knowledge in Architectural Modeling.
12UCSE06	Elective - II- Web Technologies	Understand the basic concepts in Web Technologies. Learn the Internet Principles,Introduce the HTML, JavaScript and Server side Script with JSP.Knowledge in JSP with JDBC.
12UCSE07	Elective- III- Mobile Computing	This course will give you an understanding of mobile computer systems particularly in the context of wireless network systems. Understand the Medium Access Control, Telecommunication Systems and Satelite System. Knowledge in Mobile Network layer.
12UCSE08	Elective- III- Computer Graphics	Study the basic concepts in Graphics Systems,raster and Two Dimensional Geometric transformation. Learn the Three Dimensional Cocepts and Visible Surface Detection Methods.

		12UCSE09	Elective- III- Internetworking with TCP/IP	This course deals with the Introduce the Network Technologies, Mapping Internet Address to Physical Address. Learn the User data gram Protocol, Internet Multicasting and Domain name System.
		12UCSP06	Practical-VI-Programming in Java Lab	To build software development skills using java programming for real world applications.To implement Graphics Program using java coding.To implement classical problems using java programming.
		12UCSS05	SBEC-V-Practical Image Editing Tool	Understand the design a greeting card for birthday using different text effects. Apply the varies filter effects to an image. Design a Web page,bunch of flowers and appropriate image.
		12UCSS06	SBEC-VI-PHP Scripting Language	To understand the basic of coding in PHP. Display the dynamic content, establishing connection and system planning. Learn the managing a simple mailing list.
			Extension Activities	
M.SC COMP.SCI	I YEAR	17PCS01	Design and Analysis of Algorithms	i)Apply the algorithms and design techniques to solve problems. ii) Analyze the complexities of various problems in different domains .
		17PCS02	Advanced Computer Architecture	i)To study parallel computer architecture, design and micro-operations. ii)To understand the interconnection networks and synchronization mechanism
		17PCS03	Advanced Java Programming	i)Provides a platform for learning Java language, packing the programs into modules and network programs. ii) Helps to develop web based applications and Learn the advanced concepts of Java
		17PCS04	Principles of programming Languages	i)To introduce the programming paradigms and to understand the principles and techniques involved in design and implementation of different programming languages. ii)To introduce notations to describe syntax and semantics of programming languages.
		17PCS05	Advanced Operating System	i)To study the concepts of synchronization mechanisms and deadlock models. ii)To learn the theoretical foundation of clock, mutual exclusion, deadlock detection, resource sharing and concurrency control in distributed environment.
		17PCSP01	Lab-I - Advanced Java Programming Lab	i)To implement various Java concepts such as multi threading, exception and event handling etc., and write programs using AWT, Swing, JDBC, Servlets, JSP, and RMI

17PCSP02	Lab - II - Algorithms Using C++ Lab	i)To study about various designing paradigms of algorithms for solving real world problems and introduce the methods of designing and analyzing algorithms
17PCS06	.NET Programming	i)To study the concepts of .NET framework ii) To learn the programming concepts in visual basic.Net, ASP.Net web services, ADO.Net Data Access, and C#
17PCS07	Discrete Structures	i)To extend student's Logical and Mathematical maturity and ability to deal with abstraction. ii) To introduce most of the basic terminologies used in computer science courses and application of ideas to solve practical problems. iii)To have knowledge of the concepts which needed to test the logic of a program
17PCS08	Data Mining Techniques	i)To understand the fundamental processes, concepts and techniques of data mining. ii) To understand the fundamental processes, concepts and techniques of data mining.
17PCSE01	Theory of Automata	i)To introduce the concepts of automata theory and make the students to identify different formal language classes and their relationships ii) To develop the skill to determine the decidability of computational problems.
17PCSE02	Compiler Design	i)To develop a greater understanding of the issues involved in programming language design and implementation. ii) To learn basic principles and advanced techniques of compiler design iii) To understand the theory and practice of compiler design.
17PCSE03	Embedded System	i)To Know about Embedded processor Modeling , Bus Communication in processors, Input/output interfacing. ii)To Know about processor scheduling algorithms , Basics of Real time operating system.
17PCSE04	E-Technologies	i)Provides a better understanding of the orientation in the current development of the modern network technologies which are used in E-business ii) Provides an idea about B2B, E-Payment and M-Commerce
17PCSED1	Principles of Information Technology	i)To learn the Information technology Concepts .ii)To know the basic of computer technology.
17PCSED2	Fundamentals of Computers and Communications	i)To Learn the basic of computer concepts.ii) understand the important features of web applications

		17PCSED3	E-Commerce	i)To study the information about E-organization. ii)To understand the web based business information.
		17PCSP03	.Net Programming Lab	i) To design/develop programs with GUI interfaces. ii) To write programs and develop interface using Visual Basic.Net
		17PCSP04	Data Mining Lab	i)To make students able to write programs in R. ii)To learn the implementation concepts of data mining operations
		17PHR01	Human Rights	i) To introduce the concepts of automata theory and make the students to identify different formal language classes and their relationships.ii)To develop the skill to determine the decidability of computational problems
M.SC COMP.SCI	II YEAR	17PCS09	Open Source Computing	i)To understand the basic Concepts of Python ii) To develop easier to design the App. iii)To study the various concepts web.
		17PCS10	Network Security and Cryptography	i)To introduce the classical encryption techniques for information hiding ii) To analyze cryptographic techniques, protocols, formats, and standards.
		17PCS11	Mobile Computing	i)To introduce the characteristics, basic concepts and system issues in mobile computing ii)To study the various concepts like GSM, CDMA, and 3G of Mobile Communications iii)To illustrate architecture and protocols in mobile computing.
		17PCS12	Digital Image Processing	i)To develop a theoretical foundation for fundamental concepts of digital image processing. ii) To understand the mathematical background for image representation, pre-processing, segmentation, object recognition and image compression.
		17PCSE05	Soft Computing	i)To understand the basic Concept of neural network, various models of Neural networks and supervised and unsupervised learning techniques.ii)To get familiar with the basis of Fuzzy logic, fuzzy relations, fuzzy inference system and defuzzification techniques.
		17PCSE06	Internet of Things	i)To understand the technology behind Internet of Things. ii)To get familiar with the design principles of connected devices.iii)To know about business models and ethics in Internet of Things.
		17PCSE07	Object Oriented Analysis and Design	i)Describe Object Oriented Analysis and Design concepts to solve many real life problems and to develop Software.ii)Helps to prepare Object Oriented Analysis and Design documents for a given problem using Unified Modeling Language.

17PCSE08	Resource Management Techniques	i)To understand the concept of optimization ii)To develop mathematical model of real life cases. iii)To study and implement Optimization algorithms.
17PCSP05	Lab – V- Python Programming Lab	i) To understand the concepts and develop the programming skills in Python.
17PCSP06	Lab - VI - Mobile Application Development Lab	i)To understand the concepts and develop the programming skills in J2ME
17PCSE09	Cyber Security	i)To learn the basics of cyber security. ii)To know the security policies and cyber management issues.
17PCSE10	Cloud Computing	i)To learn the concepts of cloud computing , cloud services and platforms ii)To understand real-world cloud applications
17PCSE11	Big Data Analytics	i)To study the Big Data Platform, DFS Concepts, Interfacing with DFS, and programming framework for writing applications.ii)To understand the concept of document-oriented database management systems.
17PCSE12	Social Computing	i)Understand the important features of social computing.ii)Learn to analyze the data left behind in social media.
17PCSE13	Artificial Intelligence	i)To understand about the basic theory of problem solving paradigms and search strategies in artificial intelligence.ii)To make the students familiar with knowledge representation, planning, learning, natural language processing and robotics.
17PCSE14	Web Technologies	i)To transform graduates with potential in computational into experts in information technology that the industry requires from time to time.ii)To study the basics involved in publishing content on the World Wide Web.iii)To learn the basic tools and applications used in Web publishing.
17PCSE15	Software Engineering	i)A broad perspective on widely used techniques for developing large scale systems.ii)The area of Software Testing has acquired wider horizon and significance.iii)Easier to grasp and gives students a clear understanding to overall SE process.
17PCSE16	Wireless Application Protocols	i)To learn the Mobile Concepts.ii)To know the Wireless Markup Language and its Applications.

		17PCSPR1	project Work & Viva-Voce	The students are expected to do their dissertation by attaching themselves with a well reputed organization/research institution
M.Phil comp sci		17CMPCS01	Research methodology	To understand the importance of writing skills To learn the method of documentation To learn different types of methods for data analysis To understand the importance of computational tools
		17CMPCS02	Advanced Computing Techniques	To understand the importance of computing methods To learn the computing techniques from nature To understand the importance of evolutionary computing To learn the importance of optimization methods
		17CMPCS03	SPECIALIZATION COURSE	i)To introduce the characteristics, basic concepts and system issues in mobile computing ii)To study the various concepts like GSM, CDMA, and 3G of Mobile Communications iii)To illustrate architecture and protocols in mobile computing.
B.SC MATHS	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.
		17UFEN01	ENGLISH-I	To enable the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
		17UMA01	Core-I Classical Algebra	To learn about Binomial series, matrices, theory of equations and Descarte's rule of signs
		17UMA02	Core-II Differential Calculus	To learn about Jacobians, polar coordinates, radius of curvature and envelopes
		17UPHA01	Aliied I-Physics-I	Studied about the young's modulus and rigidity modulus of the materials Verified the laws of transverse vibrations using sonometer learned about vander waal"s equation of state and liquefaction of gases Learned about Gravitational constant . Learned about the electrical circuits and measurement of resistance
		17UVE01	Value Education-Yoga	To learn about value education

		17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிற்றிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.
		17UFEN02	ENGLISH-II	To understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
		17UMA03	Core-III Integral Calculus	To learn about integration by parts, Beta and Gamma functions, double integrals, triple integrals and Fourier series
		17UMA04	Core-IV Vector Analysis	completion of this subject the students should have gained knowledge about line, surface and volume integrals
		17UPHA01	Aliied I-Physics-II	Learned about the vector atom models and coupling schemes studied about nuclear models Studied about Bonding in crystals and structures of crystals Learned about the semiconductor physics and logic gates Learned about the applications of lasers and masers
		17UPHAP01	Aliied -Physics Practical	To determine youngs modulus of the material by uniform and non uniform bending methods, rigidity modulus of the given material, Torsion pendulum, and static torsion, potentiometer - calibration of voltmeter and ammeter , Verification of Truth tables of AND , OR AND NOT
		17UES01	Environmental Studies	To learn about environmental science
B.SC MATHS	II YEAR	17UFTA03	TAMIL - III	தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.
		17UFEN03	ENGLISH - III	To apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.
		17UMA05	Core-V Statics	Completion of this subject the students should have gained knowledge about forces, couples ,friction, centre of gravity and virtual work

17UMA06	Core-VI Differential Equations & Laplace Transforms	Completion of this subject the students should have gained knowledge about solution of Differential equations, Formation of Partial differential equations and Inverse Laplace transforms		
17USTA01	Allied-II Mathematical Statistics	completion of this subject the students should have gained knowledge about mean, median, mode and moments		
17UMASP01	SBEC-I Office Automation Practical	To learn about basic of microsoft office		
17UTAN01	NMEC-I Saalaiopathukaappu Vithikal	Completion of this subject the students should have gained knowledge about awareness of safety rules of road.		
17UFTA04	TAMIL - IV	சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.		
17UFEN04	ENGLISH - IV	To able the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.		
17UMA07	Core-VII Dynamics	Completion of this subject the students should have gained knowledge about velocity ,acceleration and centre of gravity.		
17UMA08	Core-VIII Trigonometry and Analytical Geometry for 3D	To learn about expansion of trigonometry functions, hyperbolic functions, analytical geometry for 3D, sphere and cone		
17USTA03	Allied II-Inferential Statatistics	Completion of this subject the students should have gained knowledge about Test of Significance.		
17UMAS02	SBEC-II Quantitative Aptitude	To learn aptitude and reasoning problems		
17UTAN02	NMEC-II Vilambarakkalai	To learn about the advertisement		
B.SC MATHS	III YEAR	12UMA06	Core-VI-Algebraic Structures	completion of this subject the students should have concrete knowledge about the groups, homomorphism, ring and integral domain
		12UMA07	Core-VII-Real Analysis	completion of subject the students should have concrete knowledge about sequence, series, convergence, divergence and metric spaces
		12UMA08	Core-VIII-Discrete Mathematics	To study the concepts like Boolean algebra, coding theory and different notations of grammer

		12UMA09	Core-IX-Numerical Analysis	completion of this subject the students should have gained knowledge about numerical differentiations and integrations
		12UMAE03	Elective-II-Operations Research	completion of course the students should have concrete knowledge about simplex procedure, LPP techniques, transportation problems and assignment problems
		12UMAS04	SBEC-IV-Aptitude Examination-IV	To learn aptitude and reasoning problems
		12UMAS05	SBEC-V-Programming in C	To learn about C language
		12UMA10	Core-X-Algebraic Structures-II	completion of this subject the students should have concrete knowledge about the linear independence, dual spaces and linear transformations
		12UMA11	Core-XI-Real Analysis-II	completion of subject the students should have concrete knowledge about continuous functions, Uniform continuity ,Derivatives and Pointwise convergence of sequences
		12UMA12	Core-XII-Complex Analysis	completion of this subject the students should gained knowledge about the complex functions and its nature
		12UMA13	Core-XIII-Graph Theory	Completion of this subject the student should gained knowledge about the graphs, paths, trees and digraphs
		12UMAE06	Elective-III-Operations Research-II	completion of course the students should have concrete knowledge about Inventory models, Queuing theory and CPM ,PERT
		12UMAS06	SBEC-IV C Programming (Practical)	To learn how to write a program in C language
M.SC MATHS	I YEAR	17PMA01	Core-I-Linear Algebra	Compose clear and accurate proofs using the concepts of this course Provide a setting that prepares students to read and learn algebraic mathematics on their own thus engaging students to sound mathematical thinking and reasoning
		17PMA02	Core-II-Real Analysis	This course will focus on the proofs of basic theorems of analysis Understanding the basic concepts and their properties are important for the development of the present and further courses
		17PMA03	Core-III-Mechanics	To create a solid foundation for understanding basic principles of mechanics and some classical problems To learn Lagrangian and Hamiltonian formulations of classical mechanics
				The main purpose of the course is to introduce students to the theory and methods of ordinary differential equations

17PMA04	Core-IV-Ordinary Differential Equations	This course is designed to prepare students to solve problems arising from many applications such as mathematical models of physical or engineering processes
17PMAE01	Elective-I-Numerical Analysis	To understand appropriate numerical methods to solve algebraic and transcendental equations To develop appropriate numerical methods to solve a system of linear equations and special kinds of differential equations such as elliptic, parabolic and hyperbolic differential equations
17PMA05	Core-V-Algebra	Learn the elementary concepts and basic ideas involved in homomorphism and isomorphism Understand the fundamental concepts of abstract algebra which include sylow theorems and relative this concept to the direct products and abelian groups
17PMA06	Core-VI-Fluid Dynamics	To establish an understanding of the fundamental concepts of fluid dynamics To make students understand the importance of fluid dynamics in diverse real life applications
17PMA07	Core-VII-Complex Analysis	Cauchy's Theorem guaranteeing that certain integrals along closed paths are zero. This striking result leads to useful techniques for evaluating real integrals based on the 'calculus of residues' Important results are the Mean Value Theorem, leading to the representation of some functions as power series, and the Fundamental Theorem of Calculus which establishes the relationship between differentiation and integration.
17PMAE03	Elective-II-Discrete Mathematics	To study the concepts like Boolean algebra, coding theory To introduce the different notions grammar
17PTAED1	EDC-I-Naatuppuraviyal Kotpadukal	இப்பாடம் யிறத்துறையில் முதுநிலைப் பயிலும் மாணவர்கள் கற்பதற்கானப் பாடமாகும். தமிழ் இலக்கியத்தில் பதிவு செய்யப்படாத மக்கள் வழக்காறாகிய நாட்டுப்புறவியலை அம்மாணவர்களுக்கு அறிமுகப்படுத்தும் நோக்கியல் கொண்டது இப்பாடமாகும்.
17PHR01	Common Paper-Human Rights	To learn about human rights

M.SC MATHS**II YEAR**

17PMA08	Core-VIII-Partial Differential Equations	Understand the partial differential equations as models of various physical processes such as mechanical vibrations, transport phenomena including diffusion, heat transfer and electrostatics.
17PMA09	Core-IX-Topology	To introduce the concepts of open sets and closed sets in the generalized sense and then to signify the indispensability of general topological spaces To give an insight about different topological spaces and their properties
17PMA10	Core-X-Measure Theory and Integration	To generalize the concept of integration using measures To develop the concept of analysis in abstract situations
17PMA11	Core-XI-Calculus of Variations and Integral Equations	To introduce the concept of calculus of variations and integral equations and their applications To study the different types of transforms and their properties
17PMAE06	Elective-III-Programming with C++	To create hierarchy-related objects To map the real-world problems To add the existing structure of an object
17PMA12	Core-XII-Functional Analysis	To study the three structure theorems of Functional Analysis viz., Hahn-Banach theorem, Open mapping theorem and Uniform boundedness principle To introduce Hilbert spaces and operator theory leading to the spectral theory of operators on a Hilbert space
17PMA13	Core-XIII-Probability Theory	To enable the students to learn about expectations, convergence in random variables and distribution functions To provide a thorough treatment of probability ideas and techniques necessary for a firm understanding of the subject
17PMA14	Core-XIV-Graph Theory	To give a rigorous study of the basic concepts of Graph Theory To study the applications of Graph Theory in other disciplines
17PMAP01	Elective-IV-C++ Programming Lab	To solve the problems by using C++ To gain the programming skill
17PMAPR1	Core-XV-Project	To formulate a scientific question To present scientific approach to solve the problem To interpret, discuss and communicate scientific results in written form
B.SC CHEMISTRY	I YEAR	
17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.

17UFEN01	ENGLISH-I	To enable the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
17UCH01	CORE I – GENERAL CHEMISTRY – I	1.To learn about safety methods and handling of chemicals in chemical laboratory. 2.To know about prepare the various concentration solutions. 3.To import knowledge about atomic structure of the molecule. 4.To know about electronic configuration and structure of the atom.
17UCHA01	ALLIED - I - PHYSICS - I	1.Studied about the young's modulus and rigidity modulus of the materials Verified the laws of transverse vibrations using sonometer. 2.Learned about vander waal"s equation of state and liquefaction of gases Learned about Gravitational constant. 3.Learned about the electrical circuits and measurement of resistance
17UVE01	VALUE EDUCATION	1.To understand physical body and health concepts. 2.To have the basic knowledge on simplified physical exercises and asana and meditation. 3.To introspect and improve the behaviors. 4.To inculcate cultural the behavioral patterns.
17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிறறிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.
17UFEN02	ENGLISH-II	To understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
17UCH02	CORE II – GENERAL CHEMISTRY – II	1.To learn about formation of chemical bonding and importance polarization of ions. 2.To well known about types classification, structure and uses of hydrides and carbides. 3.To understanding about pathway of reaction mechanism nucleophlic and elimination. 4.To study about aromaticity of aromatic hydrocarbons.

		17UPHA02	ALLIED - I - PHYSICS - II	<ol style="list-style-type: none"> 1.Learned about the vector atom models and coupling. 2.schemes studied about nuclear models. 3. Studied about Bonding in crystals and structures of crystals. 4. Learned about the semiconductor physics and logic gates. 5. Learned about the applications of lasers and masers
		17UCHS01	SKILL BASED ELECTIVE COURSE-I FOOD AND NUTRITION CHEMISTRY – I	<ol style="list-style-type: none"> 1.To learn about sources of food particularly carbohydrate and proteins. 2.To know about fundamental definition and functions of nutrition. 3.To understanding the food preservation processing methods. 4.To know about essential of vitamins and minerals.
		17UES01	ENVIRONMENTAL STUDIES – II	<ol style="list-style-type: none"> 1.To learn about the environmental system and composition. 2.To study about the environmental pollution classification of pollution and its prevention methods. 3.To study about the green house effect and solid wastages and its management methods
		17UPHAP01	ALLIED PHYSICS PRACTICAL	<ol style="list-style-type: none"> 1.To determine youngs modulus of the material by uniform and non uniform bending methods, rigidity modulus of the given material, Torsion pendulum, and static torsion, potentiometer - calibration of voltmeter and ammeter , Verification of Truth tables of AND , OR AND NOT
		17UCHP01	PRACTICAL – I VOLUMETRIC ESTIMATIONS AND INORGANIC	<ol style="list-style-type: none"> 1.To perform estimate the amount of substance and ions in a solutions. 2.To preparing the inorganic compounds.
B.SC CHEMISTRY	II YEAR	17UFTA03	TAMIL - III	<p>தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.</p>
		17UFEN03	ENGLISH - III	To apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.

17UCH03	CORE III – GENERAL CHEMISTRY – III	<p>1.To study about the basic concept of Transition elements and its position in periodic table.</p> <p>2.To learn about the naming reactions mechanism and also some reagents.</p> <p>3.To bring the basic concept of carboxylic acids, esters, and its classification.</p> <p>4.To distinguish about the crystalline and amorphous solids and study about solids related study methods and also learn about the basic concept of thermodynamics.</p>
17UBOA01	ALLIED - II - BOTANY - I	<p>1.To gain knowledge of the plant habit characteristics and economic important.</p> <p>2.The science is to have a referance system for plant where the scientist can work with name ontities such as species, genes and family.</p>
17UMAA01	ALLIED - II - MATHEMATICS - I - ALGEBRA AND CALCULAS	<p>1.To find the roots of the polynominal roots and to learn about curvature, asymptotes, integration by parts.</p>
17UBON01	NON MAJOR ELECTIVE COURSE (NMEC) - MUSHROOM CULTIVATION	<p>1.To motivate for self employment by knowledge and practice in the perparation of mushroom culture technology.</p> <p>2.To strengthen the promotion of mushroom cultivation by establishing a well - equipped labouratory and offices.</p>
17UFTA04	TAMIL - IV	<p>சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.</p>
17UFEN04	ENGLISH - IV	<p>To able the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.</p>

17UCH04	CORE III – GENERAL CHEMISTRY – IV	<ol style="list-style-type: none"> 1.To gain about the knowledge of types of nuclear reactions and uses of radioactivity isotopes. 2.To learn about the classifications of heterocyclic compounds and its aromatic characters. 3.To study about the basic concept of aliphatic amines and its preparation, properties. 4.To study about the entropy concept and its applications. 5. Third law of thermodynamics and its applications.
17UMAA02	ALLIED - II - MATHEMATICS - II - DIFFERENTIAL EQUATIONS AND LAPLACE TRANSFORMS	<ol style="list-style-type: none"> 1.Completion of the subject the students should have gained knowledge about solution of differential equations, formation of partial differential equation, laplace and inverse laplace transforms and finite differences.
17UBOA02	ALLIED - II - BOTANY - II	<ol style="list-style-type: none"> 1.To gain knowledge of algae and fungi. 2.To know about plant lycopodium and cycas. 3.To understand types of pollution and the control measures. 4.To know about plant succession is like hydrosere and xerosere.
17UMAAP01	ALLIED PRACTICAL - I - MATHEMATICS	<ol style="list-style-type: none"> 1.Completion of the subject the students should have gained knowledge about the practical in class about rank of matrix,cayley hamilton theorem, leibnitz formula, euler's theorem, partial differentiation, scalar and vector point functions, then divergence and curl of vector point functions.
17UBOAP01	ALLIED PRACTICAL - I - BOTANY	<ol style="list-style-type: none"> 1.To gain the practical knowledge of the systematic botany is to know various kinds of plants on the surface of earth. 2.To understand types of plant classification. 3.To gain knowledge of algae and fungi, lycopodium and cycas.
17UCHP02	CORE PRACTICAL- II INORGANIC QUALITATIVE ANALYSIS	<ol style="list-style-type: none"> 1.To understand the basic concept of semi micro qualitative inorganic analysis. 2.To infer the knowledge about the acid and basic radicals.
17UCHS02	SKILL BASED ELECTIVE COURSE – II POLYMER CHEMISTRY	<ol style="list-style-type: none"> 1.To learn basic concept and general preparation methods of polymers. 2.To understand structure and properties and stereochemistry of polymers. 3.To learn about polyolefins, like polymers(PVC). 4.To understand of plastics and resins.

		17UBON02	NON MAJOR ELECTIVE COURSE (NMEC) - HERBAL BOTANY	<ol style="list-style-type: none"> 1.To Understand the different theories of acids and bases and its relative strength. 2. To Impart knowledge in fundamentals aspects of lanthanides and actinides and their extractions. 3.To acquire basic knowledge in the concept of coordination chemistry and their important theories like Werner 's theory and Sidgewick's theory . 4.To know the fact in hybritization, geometries of the complexes and CFSE. 5.To understand the reaction mechanism in trans effect and their theory.
B.SC CHEMISTRY	III YEAR	12UCH05	CORE PAPER -V– INORGANIC CHEMISTRY	<ol style="list-style-type: none"> 1.To Understand the different theories of acids and bases and its relative strength. 2. To Impart knowledge in fundamentals aspects of lanthanides and actinides and their extractions. 3.To acquire basic knowledge in the concept of coordination chemistry and their important theories like Werner 's theory and Sidgewick's theory . 4.To know the fact in hybritization, geometries of the complexes and CFSE. 5.To understand the reaction mechanism in trans effect and their theory.
		12UCH06	CORE PAPER -VI ORGANIC CHEMISTRY	<ol style="list-style-type: none"> 1.To study about the optical isomerism of some organic molecules and R,S and E,Z configuration. 2.To learn about define, arises, and identification of geometrical isomers. 3.To import knowledge of basic concepts and classification of amino acids, nucleic acids and proteins. 4.To know about structural elucidation of alkaloids and terpenoids.

12UCHE01	CORE PAPER -VII PHYSICAL CHEMISTRY	<ol style="list-style-type: none"> 1.To learn about chemical equilibrium and absorption theories. 2.To know about methods of collision theory and Arrhenius Theory. 3.To learn about theories of strong electrolyte, Debye-Huckel and Ostwald equation. 4.To study about activity, activity coefficient, buffer solution and hydrolysis of salts.
12UCHE02	ELECTIVE-II SPECTROSCOPY	<ol style="list-style-type: none"> 1.To understand the basic concepts of Spectroscopic technique and to solve the Structures from the spectra. 2.To study in detail about UV-Visible, IR, Raman, NMR, and Mass spectroscopic techniques. 3.To develop problem solving skills from various types of Spectra.
12UCHS03	SKILL BASED ELECTIVE COURSE -III AGRICULTURAL CHEMISTRY	<ol style="list-style-type: none"> 1.To study about commercial methods of preparation of fertilizers. 2.To learn about bulky organic manures. 3.To understand about classification, properties and application of pesticides and fungicides. 4.To know about classification and properties of soils.
12UCHS04	SKILL BASED ELECTIVE COURSE-IV DYE STUFFS AND TREATMENT OF EFFLUENTS	<ol style="list-style-type: none"> 1.To understand the concept of dyes and its importance. 2.To acquire the knowledge about the various types of dyes. 3.To know the detail study of textile effluents and its various treatments.
12UCH07	CORE PAPER -VII- INORGANIC CHEMISTRY	<ol style="list-style-type: none"> 1.To know the knowledge about metallic carbonyls and bioinorganic chemistry. 2.To understand the meaning of organometallic chemistry and MO theory of ferrocene. 3.To impart knowledge in fundamental aspects of conductors, semiconductors and insulators. 4.To acquire basic knowledge of interhalogen compounds and pseudo halogens. 5.To understand the magnetic properties of molecules, ferromagnetism and anti ferromagnetism.
12UCH08	CORE PAPER -VIII ORGANIC CHEMISTRY	<ol style="list-style-type: none"> 1.To study general concepts, and classification of carbohydrates. 2.To impart knowledge of disaccharides and polysaccharides. 3.To predict the structural elucidation of vitamins.

12UCHE03	ELECTIVE PAPER-IV– ANALYTICAL CHEMISTRY	<ol style="list-style-type: none"> 1.To understand the basic concepts of measurements and Calibration techniques. 2.To study in basic principle of gravimetric analysis and thermo analytical methods. 3.Ton Study in detail about Chromatographic techniques like Paper, TLC, Ion exchange and Gas chromatographic techniques. 4.To study about electro analytical methods in Polorographic and Amperometric titrations.
12UCHE04	ELECTIVE- III PHYSICAL CHEMISTRY	<ol style="list-style-type: none"> 1.To study about solution, gases in liquids and thermodynamic derivation, applications of Nernst distribution law. 2.To know about definition and terms involved in phase rule. 3.To understand about electrochemical and photochemical reactions
12UCHS05	SKILL BASED ELECTIVEELECTIVE– V PHARMACEUTICAL CHEMISTRY	<ol style="list-style-type: none"> 1.To learn about definition of the terms in pharmacology. 2.To study about classification,structure and mode of action of antibiotics, analgesics and antipyretics. 3.To know about causes, prevention and control methods of diabetes and AIDS.
12UCHS06	SKILL BASED ELECTIVE COURSE-VI INDUSTRIAL CHEMISTRY	<ol style="list-style-type: none"> 1.To help students develop industrial skill for academic and professional purposes . 2.The student should be conversant with the industries like production ,properties and its uses in chemical, leather, electro chemical, paints, cleaning agent, cement ,glass industries. 3.To students preparation of small scale materials and its reports effectively in industrial situations. 4.To be covered the analytical techniques and their industrial importance.
12UCHP03	CORE PRACTICAL -III– PHYSICAL CHEMISTRY PRACTICALS	<ol style="list-style-type: none"> 1.To perform experiments in Chemical kinetics, Rast methods, Phase rule, Heterogeneous equilibrium. 2.To perform experiments in conductivity measurements. 3.To perform experiments in potentiometric measurements.
12UCHP04	CORE PRACTICAL -IV– GRAVIMETRIC ESTIMATION AND ORGANIC QUAILITATIVE ANALYSIS PRACTICALS	<ol style="list-style-type: none"> 1.To perform Quantitative estimation of inorganic complexes. 2.To perform estimation of Boiling point of the organic compounds. 3.To perform functional group detection and analysis of organic compounds.

M.SC CHEMISTRY	I YEAR			
17PCH01	CORE I - ORGANIC CHEMISTRY – I			1. To learn about the stereochemistry of organic compounds. 2.To learn about the formation, stability and structure of intermediates and the effect of structure on reactivity. 3.To learn about the mechanism of aliphatic and aromatic nucleophilic substitution reactions and aromatic electrophilic substitution reactions. 4.To learn about the structural elucidation of alkaloids flavones and isoflavones.
17PCH02	CORE II - INORGANIC CHEMISTRY-I			1. To learn about the various theories of complexes, mode of coordination with various geometry. 2.To study the recent development in polymeric materials of coordination complexes.
17PCH03	CORE III - PHYSICAL CHEMISTRY – I			1.To study in detail the basic concepts of classical thermodynamics and chemical kinetics. 2.To understand the principles of quantum chemistry and group theory.
17PCHE01	ELECTIVE I - PAPER I - POLYMER CHEMISTRY			1.To study the basic concepts in polymer chemistry. 2.To learn about the kinetics and types of co-ordination polymerization. 3.To study the measurement of molecular weight and the properties of polymers. 4.To study about the polymer processing and properties of commercial polymers.
17PCH04	CORE IV - ORGANIC CHEMISTRY – II			1.To learn the mechanism of Elimination reactions. 2.To understand the basic concepts of aromaticity. 3.To know the effects of light in organic reactions. 4.To study the pericyclic reactions. 5.To learn the uses of oxidation and reducing reagents in organic synthesis.
17PCH05	CORE PAPER V - PHYSICAL CHEMISTRY – II			1.To study in detail the basic concepts of statistical thermodynamics and chemical kinetics 2.To understand the principles of quantum chemistry and group theory 3.To impart knowledge on surface chemistry and catalysis.

		17PCHE03	ELECTIVE- II SPECTROSCOPY	<ol style="list-style-type: none"> 1.To understand the basic concepts of spectroscopic techniques and to solve the structures from the spectra. 2.To study in detail about UV-VIS, IR, ESR, PAS and NMR spectroscopic techniques. 3.To develop problem solving skills from various type of spectra.
		17PCHP01	CORE PRACTICAL I - ORGANIC CHEMISTRY PRACTICAL - I	<ol style="list-style-type: none"> 1.To perform the qualitative analysis of a given organic mixture. 2.To carry out the preparation of organic compounds.
		17PCHP02	CORE PRACTICAL II-INORGANIC CHEMISTRY PRACTICAL - I	<ol style="list-style-type: none"> 1.To perform the semi micro qualitative analysis. 2.To estimate the metal ions by colorimetric methods. 3.To prepare inorganic complexes.
		17PCHP03	CORE PRACTICAL III- PHYSICAL CHEMISTRY PRACTICAL - I	<ol style="list-style-type: none"> 1.To perform experiments in chemical kinetics, phase rule and chemical equilibrium. 2.To perform experiments in Conductivity measurements.
		17PHR01	HUMAN RIGHTS	1.To impart the basic ideas about human rights at post graduation level. This paper provides different aspects of human rights which includes children and women. Students can learn not only their basic rights but also can understand the duties to be carried out in the days to come.
		17PHIED2	EDC – INDIAN NATIONAL MOVEMENT	<ol style="list-style-type: none"> 1.To study the importance of Indian national movement. 2.To know the people republic in India. 3.To learn about freedom movement in India.
M.SC CHEMISTRY	II YEAR	17PCH06	CORE VI - ORGANIC CHEMISTRY – III	<ol style="list-style-type: none"> 1.To learn the mechanism of addition to Carbon - Carbon and Carbon - Heteroatom multiple bonds. 2.To learn the mechanism of molecular rearrangements. 3.To study the mechanism of oxidation and reduction reactions. 4.To study the structural elucidation of steroids.To study ORD, CD and mass spectrometry of organic compounds.
		17PCH07	CORE VII - INORGANIC CHEMISTRY-II	<ol style="list-style-type: none"> 1.To study about the X-ray crystal structure of the compounds. 2.To learn about the analytical tools which are used in nuclear chemistry.
		17PCH08	CORE VIII - PHYSICAL CHEMISTRY III	<ol style="list-style-type: none"> 1.To impart knowledge on electrochemistry, photochemistry, quantum chemistry, and spectroscopy. 2.To study the concepts and principles of electrochemistry, photochemistry, quantum chemistry, and spectroscopy.

		17PCHE04	ELECTIVE-III EXPERIMENTAL METHODS IN CHEMISTRY	<ol style="list-style-type: none"> 1.To study in detail the fundamental aspects of various experimental and instrumental methods in chemistry. 2.To understand the principles and instrumentation of destructive and nondestructive Techniques. 3.To understand the various techniques in Chromatography.
		17PCH09	CORE XI - INORGANIC CHEMISTRY-III	<ol style="list-style-type: none"> 1.To learn the detailed study of synthetic organometallic complexes owing to the preparation as well as their reactivity and application which is very useful in the modern era.
		17PCHE05	ELECTIVE –IV NANO AND GREEN CHEMISTRY	<ol style="list-style-type: none"> 1.To understand the characterization of nanomaterials. 2.To understand carbon clusters and nanostructures. 3.To understand the green concepts of organic reactions.
		17PCHP04	CORE PRACTICAL - IV - ORGANIC CHEMISTRY PRACTICAL – II	<ol style="list-style-type: none"> 1.To perform organic estimations. 2.To prepare organic compounds involving two stages.
		17PCHP05	CORE PRACTICAL - V - INORGANIC CHEMISTRY PRACTICAL – II	<ol style="list-style-type: none"> 1.To perform quantitative estimation of inorganic mixture. 2.To perform analysis of ores and alloys. 3.To prepare inorganic complexes.
		17PCHP06	CORE PRACTICAL VI- PHYSICAL CHEMISTRY PRACTICAL II	<ol style="list-style-type: none"> 1.Experiments in Electrochemistry, Polarography and Chemical Kinetics.EMF Measurements. 2.Determination of standard potentials (Cu and Ag) 3.Determination of thermodynamic quantities from EMF measurementsPotentiometric titrations. 4.Determination of pH and calculation of pKa. 5.Determination of stability constant of complex. 6.Determination of solubility product of a sparingly soluble salt, Redox titrations. 7.Precipitation titration of mixture of halides by emf measurements.
		17PCHPR1	PROJECT	<ol style="list-style-type: none"> 1.To develop the research activity and curriculum of the students. 2.To perform synthesis and preparation, characterization of chemical products for social and environmental wealth.
B.SC PHY	I YEAR	17UFTA01	TAMIL -I	தற்கால இலக்கிய போக்குகளையும், இலக்கணங்களையும் மாணவர்கள் அறியுமாறு செய்தல்.

17UFEN01	ENGLISH-I	To enable the students to learn about (4) four modules. Each module contains 4 units. Important features of this paper is given below.i) Introducing yourself, Comprehension, Tongue Twisters,Brain teasers. ii) Story time, Poetry, and Prose Writing, enable them to get moral and general information about English Language.
17UPH01	MECHANICS	Studied about the projectiles and impact Studied about the simple harmonic motion and about the dynamics of rigid bodies Explained about the centre of gravity and friction.also learn about the centre of pressure and hydrodynamics Learned about mechanics of system of particles and generalised coordinates & lagrangian equation
17UMAA01	ALLIED MATHS -1(ALGEBRA, CALCULUS AND FOURIER SERIES	To find the roots of the polynomial roots and to learn about curvature, asymptotes, integration by parts
17UVE01	VALUE EDUCATION	Understood physical body and health concepts,Basic knowledge on simplified excercises , Asanas and medidation,inculcate bahavioural patterns, unified force ,cause and effect system
17UFTA02	TAMIL -II	சமய இலக்கியங்களையும், சிற்றிலயக்கியங்களையும் மாணவர்களுக்கு அறிமுகப்படுத்துதல். மொழித்திறனையும், சிறுகதை போன்ற இலக்கிய வடிவங்களையும் மாணவர்கள் உணருமாறு செய்தல்.
17UFEN02	ENGLISH-II	To understand the basic genres of English. i) Prose, Poetry ii) Biography iii) Basic elements of Grammar iv) Composition - Fill in - i) Railway Reservation Form etc., v) Communication - Showing Direction, vote of thanks.
17UPH02	THERMAL PHYSICS	Explained platinum resistance thermometer and newton's law of cooling Learned about low temprature physics and its applications Studied about laws of thermodynamics Explained thermal conductivity and radiation Explained Maxwell's Thermodynamic relation
17UMAA02	ALLIED MATHS -II(DIFFERENTIAL EQUATION AND LAPLACE TRANSFORM	Completion of the subject to the students should have gained knowledge about solution of differential equations, formation of partial differential equation, Laplace and inverse Laplace transform & finite difference

		17UES01	ENVIRONMENTAL SCIENCE	Known about the multidisciplinary nature of environmental studies ,renewable and non renewable resources,Biodiversity and conservations, environmental pollution.
		17UPHS01	SPACE SCIENCE	learned about universe and region of earth atmosphere studied about comets,meteors,asteroids and features learned about sun and features of moon Explained about stars and types of galaxies learned about origin of universe
		17UPHP01	CORE PRACTICAL - I	To determine young's modulus of the material by uniform and non uniform bending methods, rigidity modulus of the given material, Torsion pendulum, and static torsion, potentiometer - calibration of voltmeter and ammeter
		17UMAAP01	ALLIED MATHEMATICAL PRACTICAL - I	completion of the subject the students should have gained knowledge about the practical in class about rank of matrix, Cayley- Hamilton theorem, Leibnitz formula, Euler's theorem, partial differential, scalar and vector point functions, then divergence and curl of vector point functions
B.SC PHYSICS	II YEAR	17UFTA03	TAMIL - III	தமிழ் இலக்கியத்தின் காப்பிய வளங்களை அறிகின்றனர். தமிழ்ச் சிறுகதையைக் கற்கின்றனர். தமிழ் இலக்கிய வரலாற்றில் காப்பிய காலத்தை அறிகின்றனர். தமிழ் இலக்கிய பொருள் மரபுகளான அகப்பொருள் இலக்கணத்தையும் புறப்பொருள் இலக்கணத்தையும் கற்கின்றனர்.
		17UFEN03	ENGLISH - III	To apprehend the students to aware of the importance of English Language via, Prose, Poetry, One Act Play, Grammar, Composition, Different types of Asking, Group Discussion.
		17UPH03	PROPERTIES OF MATTER AND SOUND	Studied about elastic moduli and young's modulus & rigidity modulus of the material Explained about the viscosity of liquids and diffusion Studied about surface tension and osmosis Studied about the simple harmonic motion and about the dynamics of rigid bodies Studied about ultrasonics and its applications

17UCHA01	ALLIED CHEMISTRY - I	To understand the concept of bonding nature and radioactivity. To learn about the aromaticity and electron concept. To study about the solutions and chromatographic methods.
17UPHS02	PROGRAMMING IN C LANGUAGE	Studied about structure of C and input and output statements Explained control statements and arrays Studied about Developments of algorithm,flow charts
17UBON01	NMEC - MUSHROOM CULTIVATION	To motivate for self-employment by knowledge and practicing in the preparation of mushroom culture technology. To strengthen the promotion of mushroom cultivation by establishing a well-equipped laboratory and offices.
17UFTA04	TAMIL - IV	சங்க இலக்கியங்களையும் பதினெண் கீழ்க் கணக்கு நூல்களையும் சில சான்று பாடல்கள் வழி அறிகின்றனர். செவ்வியல் இலக்கிய வரலாற்றினை அறிகின்றனர். தமிழ் இலக்கணங்களை யாப்பு அணி ஆகியவற்றோடு கற்கின்றனர்.
17UFEN04	ENGLISH - IV	To able the students to learn about the importance of English Language through the following features: i) Prose, Poetry ii) Scenes from Shakesoeare iii) Grammar iv) Composition : E-mail, Advertisements, Report Writing v) Commnication : Different Types of Requesting, Interview.
17UPH04	OPTICS	Studied about interferences and interferometers Studied about diffraction and optical instruments Studied about polarization - laurent's half shade polarimeter Learned about abberations and eyepieces- Huygen's and Ramsden's eyepieces
17UCHA02	ALLIED CHEMISTRY - II	To understand the concept of coordination theories and applications. To study about the chemotherapy and its uses, photochemistry laws and corrosion methods.

		17UBON02	HERBAL BOTANY	<p>Through this paper we have the opportunity to explore the uses of plants as medicine, ranging from traditional indigenous approaches for treating ailments to modern medicine.</p> <p>This elective course we have to learn about the biology of medicinal plants. To gain more knowledge of classification of crude drugs.</p>
		17UPHP02	CORE PRACTICAL - II	To determine young's modulus of the material by uniform and non uniform bending methods using pin & microscope, spectrometer -determine wavelength of colours, De Morgan's Theorem,
		17UCHAP01	ALLIED CHEMISTRY PRACTICAL - I	To understand the estimation of ions by various titration methods. To perform functional group detection and analysis of organic compounds
B.SC PHYSICS	III YEAR	12UPH05	ELECTRICITY & MAGNETISM	Learned about the principles and types of capacitors, Electrical measurements, experimental determination of self inductance and mutual inductance, growth and decay of charge in a LCR circuit, Construction, theory and uses of transformer.
		12UPH06	BASIC ELECTRONICS	Special diodes oscillators, Hybrid Parameters and its determination Common Emitter Transistor as an Amplifier, Multistage amplifier and Feed Back Amplifier
		12UPHE01	NUMERICAL METHODS	Matrices, Diagonalisation of 3*3 matrices, Beta & Gamma function, Curve fitting, Iterative methods Numerical Integration
		12UPHE02	SOLID STATE PHYSICS	Crystal structure & their types, Crystallography and crystal Imperfections Magnetic properties, their types, Dielectric Methods Modern Engineering materials.
		12UPHS03	BIO-MEDICAL INSTRUMENTATION	Studied about ECG, EMG, EEG Learned about pacemakers Explained about Anesthesia machine and Doppler Blood flow meter Studied about Radiation safety instrumentation Explained about electrical accidents in hospitals
		12UPHS04	DIGITAL ELECTRONICS	Number system and codes, Boolean algebra, POS and SOP, Arithmetic and Logic circuits, Decoder and Encoder, Sequential circuits and its applications, Counters and Data converters and their types

12UPH07	ATOMIC PHYSICS	Learned about the experimental verification of photoelectric equation, positive ray analysis and mass spectrograph method, theory of alpha scattering, description and applications of vector atom model.
12UPH08	NUCLEAR PHYSICS	Radioactivity, nuclear detectors, Accelerators, artificial transmutation Neutron, Nuclear structure, nuclear fission, fusion & elementary particles
12UPH09	QUANTUM MECHANICS AND RELATIVITY	Wave mechanics- De-Broglie wavelength- Davisson and Germer Experiment- Heisenberg's Uncertainty Principle and its applications, Basic postulates of Wave mechanics, Schrodinger wave equation in one Dimension and three Dimension, Relativity- Michelson and Morley Experiment
12UPHE05	LASER AND SPECTROSCOPY	Studied about Atomic spectroscopy - high resolution spectroscopy Learned about molecular spectroscopy and micro wave spectrometer Learned about LASER, types of LASER, and its applications Studied about Infra red spectroscopy - techniques and instrumentations Learned about Raman spectroscopy - rotational and vibrational raman spectra
12UPHS05	ELECTRICAL APPLIANCES	Explained about electrical charge and measuring meters learned about principles of transformers Explained about AC and DC, Three phase Transformers and losses Studied about electrical appliances Explained about Electric and dielectric heating
12UPHS06	MICROPROCESSOR AND ITS APPLICATION	Architecture of 8085 Microprocessor, Micro computer Counter, Programs of 8 bit addition subtraction etc., Arranging numbers in ascending and descending order
12UPHP03	CORE PRACTICAL-III	Determined the Coefficient of Viscosity of Liquid, Radius of Curvature of a Biconvex lens by Newton rings method, Calibration of High range Voltmeter by using Potentiometer
12UPHP04	CORE PRACTICAL-IV	Young's modulus- Non-uniform bending by Koenig's method, Verification of Truth tables- RS flip flop and Clocked RS flip flop by using NAND gates
M.SC PHYSICS	I YEAR	Detailed about lagrangian formulation and hamilton principle and its applications Explained about Canonical transformation and hamilton - jacobi theory, and the kepler Problem

17PPH01	CLASSICAL AND STATISTICAL MECH	<p>Studied about Eulerian angles and Variable Adiabatic Invariance of Action angle variable and relativity</p> <p>Studied about classical statistics and Canonical Ensembles and their types</p> <p>Studied about Quantum statistics and Black body radiations</p>
17PPH02	MATHEMATICAL PHYSICS	<p>Learned about linear vector spaces and Orthogonal curvilinear Coordinates</p> <p>Explained about Matrices and tensors</p> <p>Studied about Fourier series, Fourier transforms, Laplace transforms</p> <p>Explained about functions of a complex variables</p> <p>Studied about basic properties of special functions</p>
17PPH03	QUANTUM MECHANICS-I	<p>Formulation of Quantum mechanics- Dirac Delta function, Commutator Algebra, Perturbation theory for stationary states, WKB approximation, Angular momentum and its properties and its Evaluation, Matrix representation, Time dependent approximation methods</p>
17PPHE02	OPTO ELECTRONICS	<p>Studied in detail about the Propagation of electromagnetic waves, Active Devices and Fibre optic communication, Optical fiber sensors, Interferometric fiber optic system.</p>
17PPHP01	GENERAL PHYSICS EXPERIMENTS	<p>Determined Young's Modulus-Elliptical and Hyperbolic fringe method, Measurement of Hall coefficient of Semiconductor, Resistivity of the Semiconductor by Four-Probe method</p>
17PPH04	CONDENSED MATTER PHYSICS	<p>Studied about bonding and crystallography</p> <p>Learned about lattice vibrations and thermal properties</p> <p>Explained about Free electron theory, energy bands and semiconductor crystals</p> <p>studied about diamagnetism, paramagnetism, ferromagnetism</p> <p>learned about dielectrics, ferro electrics and super conductivity</p>
17PPH05	ELECTRONICS	<p>Understood the basic concepts of Integrated circuits, Special Semiconductor Devices, Operational Amplifier and Applications, Registers, counters and Converters</p>
17PPH06	MICROPROCESSOR AND MICROCONTROLLER	<p>Explained about Architecture and programming 8085</p> <p>Detailed about Architecture of 8086</p> <p>learned about application of microprocessors</p>

		MICROCONTROLLER	studied about programming the of microcontroller 8051 studied about Architecture of microcontroller 8051
	17PPHE03	NANO PHYSICS	Gained the knowledge about the Basic principles of nanoparticle, Quantum phenomenon, Nano fabrication and nanopatterning, Nano systems and application of nanomaterial .
	17PPHP02	Electronics Experiments	Construct and study- Schmitt trigger, Astable, Monostable and Bistable Multivibrators using IC 555, Adder, subtractor, Differentiator and Integrator Circuits using IC 741
	12PHR01	HUMAN RIGHTS	1.To impart the basic ideas about human rights at post graduation level. This paper provides different aspects of human rights which includes children and women. Students can learn not only their basic rights but also can understand the duties to be carried out in the days to come.
M.SC PHYSICS	II YEAR		
	17PPH07	ELECTROMAGNETIC THEORY	Understood the basic concepts of Electrostatics Understood the basic concepts of magnetostatics and boundary conditions studied about electrodynamic fields and conservation laws for a system of charges studied about electromagnetic waves, and propagation of waves learned about plasma physics and their types
	17PPH08	COMPUTATIONAL METHODS AND PROGRAMMING	Studied about Basics of c++ programming and Arrays Explained about Curve Fitting and Interpolation Explained about Solution of Linear and NonLinear Equations Learned about Numerical Integratio and Differential Explained about Numerical Solution to ordinary Differential Equations
	17PPH09	QUANTUM MECHANICS-II	System of identical particles, Pauli's Exclusion principal, Scattering theory, Scattering Amplitude, Partial wave analysis, Emission and absorption of radiation, Quantum theory radiation, Atomic and Molecular structure, Hydrogen molecule, Relativistic Wave equation, Electromagnetic Potential
	17PPHE06	MATERIAL SYNTHESIS & CHARACTERIZATION	Studied in detail about the concept of crystal growth, various types of growth techniques, Thin film deposition ,characterisation technique and its applications

17PPHP03	MICROPROCESSOR AND MICROCONTROLLER EXPERIMENTS	Programme performed- 16 Bit addition, Subtraction, Multiplication and Division by using μ P 8085 and μ C 8051, Stepper motor Interface, Traffic Light Control Interface
17PPH10	MOLECULAR SPECTROSCOPY	Students acquired the basic knowledge about the interaction of matter with Electromagnetic radiation, Principle, Instrumentation, working and Application of FT-IR, FT-Raman, NQR,NMR,ESR, Mossbauer spectroscopy.
17PPH11	NUCLEAR AND PARTICLE PHYSICS	Nuclear structure, Binding Energy and Nuclear Models, Nuclear Forces, Nuclear reactions, compound Nucleus, Radioactive Decays, Counters, Champers, Elementary Particles and their types interactions
17PPH12	COMMUNICATION ELECTRONICS	Studied about antennas and wave propagations studied about pulse code and digital modulation, techniques and their types studied about microwave electronics , broad band communication system studied about radar and television, cable tv, cctv, and theatre tv explained about optical fibres and its applications , also satellite communications
17PPHE04	ENERGY PHYSICS	Understood the concept of different energy sources , Production of solar cells,, generating system of wind energy and applications of solar energy
17PCZED1	PROJECT	VIVA VOCE

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