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# DEVA MATHA COLLEGE KURAVILANGAD

Affiliated to Mahatma Gandhi University, Kottayam



**Dissertation/Project Guidance**

**2017-18**

**Prepared by**

**Mr. Jithin Joy**

**P.G Department of Commerce**





*Deva Matha College, Kuravilangad  
Kottayam, Kerala, 686633*

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*Deva Matha College, Kuravilangad  
Kottayam, Kerala, 686633*

<b>B. Com Project 2017-18 (2015-18)</b>				
<b>Sl.No</b>	<b>Reg .No</b>	<b>Name of students</b>	<b>Project Title</b>	<b>Supervising Teacher</b>
1	150021010683 150021010712 150021010730	AMAL P JOSE HARIKRISHNAN R TONY THANKACHAN	Consumers awareness about their Rights – A study based on Consumer Protection Act with reference to Kuravilangad Gramapanchayath	Anish Thomas
2	150021010684 150021010688 150021012985	AMRUTHA SASI GREESHMA GOPI ADITHYA DINESH D K	A study on the socio-economic status and challenges faced by women entrepreneurs with reference to Vaikom taluk	Anish Thomas
3	150021010687 150021010696 150021010697	GEORGIN KURIAN VISHNU RAMESH ABIN JOSEPH	Influence of social media on purchase decision among students of Deva Matha College Kuravilangad	Dr. Deepu Jose Sebastian
4	150021010685 150021010686 150021010714	ANEESHA K REGHU ANUPAMA BAIJU JENNIFER JOY	Effectiveness of herbal cosmetic's marketing among youth in Kuravilangad panchayath	Dr. Deepu Jose Sebastian
5	150021010693 150021010698 150021010715	SACHIN SINNY ABIN SAJI JOPPU SOBEN	A study on the influence of flash sales among youth in Meenachil taluk	Anu P Mathew
6	150021010689 150021010720 150021010718	JEESA GEORGE KRISHNA R LIMY MARIA MATHEW	Influence of ICT in empowering women entrepreneurs- a study among women	Anu P Mathew





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**Kottayam, Kerala, 686633**

			entrepreneurs in Kottayam district	
7	150021010694 150021010723 150021010724	SIVASANKAR NOEL JOSEPH PRAVEEN PRABHAKARAN	A study on the effectiveness of online advertisements on the buying pattern among youth in Kottayam district	Soumya Sebastian
8	150021010690 150021010716 150021010695	JOSMI T JOSLIN JAMES SREEKUTTY P P	Socio-economic impact of organic farming- A study with reference to Kottayam district	Soumya Sebastian
9	150021010699 150021010719 150021010728	AMAL SUNNY KRISHNADAS S S SIVASHANKAR	A study on influence of e-wallets among semi urban population of Vaikom taluk and Meenachil taluk	Renny A George
10	150021010691 150021010703 150021010710	KRISHNAJAUNNI ARATHY UDAYAKUMAR DEEPTHI BABU	A study on occupational stress among employees of nationalized banks in Meenachil taluk	Renny A George
11	150021010704 150021010711 150021010721	ARJUN K. N DENNIES PRINCE M. ARJUN	The role of dairy cooperative societies in rural development : a study on Meenachil taluk	Fr. Dinoy Mathew
12	150021010713 150021010702 150021010727	JASMINE JACOB ANJUSHY ROSE MARY JAISON	A study on the effects of SBI-SBT merger of SBT employees, with special reference to Meenachil taluk	Fr. Dinoy Mathew
13	150021010681 150021010729 150021010717	AISWARYAASHOKAN TERESA JOHN JULIA TOM	A study on the operations of self help groups in T.V puram panchayath	Sherin Cyriac





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14	150021010700 150021010709 150021010722	ANEENA ISSAC CHRISTY MARIA TOM NEETHU SUNNY	Influence of point of purchase advertising of consumer behavior : a study on super markets in pala	Sherin Cyriac
15	150021010682 150021010708 150021010706	AISWARYA BHASHI CHRISTEENA DANIEL ATHIRA APPUKUTTAN	Strategic analysis on TATA Group of Companies	Jithin Joy
16	150021010692 150021010705 150021010725	MERIN MARIA MATHEW ASHLY MARTIN PRIYAMVADA J	Consumer perception towards Coca cola products with special reference to youngsters in Kuravilangad	Jithin Joy





**M.com project 2017-18(2016-18)**

<b>Sl.No</b>	<b>Reg .No</b>	<b>Name of Student</b>	<b>Title</b>	<b>Supervising Teacher</b>
1	160011014259	ABHIRAJ PATTATHANAM	Customer Satisfaction of Online Shoppers-A study with special reference to Ernakulum district	Anish Thomas
2	160011014260	AGNEL V JOSE	The Impact Of Demonetization On Cash less Transaction With Special Reference to Retailers In Kottayam District	Fr.Dinoy Mathew
3	160011014262	AMAL RAJAN	Customer Perception On Post Office Savings Bank-A Study with Reference to Kottayam District	Anu P Mathew
4	160011014263	ANU TRESSA JOSE	A Study ON the Customer Satisfaction On the Services of Kochi Metro	Sherin Cyriac
5	160011014264	ASHAMOL PG	Role of Micro Finance In Women Empowerment with Special Reference to VICIB	Jithin Joy
6	160011014265	DINJUMOL JOY	Influence of Online Consumer Reviews On Buying Behavior of	Anish Thomas





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			Consumers In Kottayam District	
7	160011014266	KIRAN MARIA PIUS	Stress Management Of Private Sector Bank Employees In Meenachil Taluk	Dr.Deepu Jose Sebastian
8	160011014267	LINJU OUSEPH	Influence Of Emotional Intelligence On Student Performance & Entrepreneurial Skill –A Study with Reference to Graduate Student in Kottayam District	Anu P Mathew
9	160011014268	MARVIN SABU	A Comparative study On Digital Marketing Effectiveness of South Indian Bank and Federal Bank	Soumya Sebastian
10	160011014269	MINNU JAISON	A Study on the Investment Pattern Of Government Employees Meenachil Taluk	Soumya Sebastian
11	160011014270	NEETHU BABY	A comparative Study On Service Quality Perception and Customer Loyalty in Private Sector Bank with Reference to Kottayam District	Renny A George





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12	160011014271	NIKHIL KRISHNAN U K	Social Welfare Schemes and Socio Economic Transformation :A Study among Scheduled Caste and Scheduled Tribes in Kottayam District	Renny A George
13	160011014272	SHERIN LIZBETH GEORGE	A Study on India's Foreign Trade with SAARC Countries – Before and After Implementation of SAFTA	Fr.Dinoy Mathew
14	160011014273	TRESA SOMY	Consumer Behavior Towards Patanjali Products In Kottayam District	Sherin Cyriac







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# **DEVA MATHA COLLEGE KURAVILANGAD**

**Affiliated to Mahatma Gandhi University, Kottayam**



## **Dissertation/Project Guidance 2018-19**

**Prepared by  
Mr. Jithin Joy  
P.G Department of Commerce**





**P G DEPARTMENT OF COMMERCE  
DEVA MATHA COLLEGE KURAVILANAGDU  
Project Work: B.Com Semester VI (2018-2019)**

<b>Reg. No</b>	<b>Name of Students</b>	<b>Title</b>	<b>Reg. No</b>	<b>Name of Students</b>	<b>Title</b>	<b>Supervising Teacher</b>
160021070 701	ABHIJITH C M	Adoption of Mobile Payment Application	160021070 712	NEETHU MOL	Customer Buying Behaviour in Apparel E-Shopping	Anish Thomas
160021070 722	AJO SEBASTAI	Among Youth In	160021070 713	MATHEW P. J	–A Study Among Under Graduate	
160021070 725	N ANANDHU DINESH	Kottayam District	160021070 716	.JYOLSAN A SALINI KANNAN	Student Of Deva Matha College Kuravilangad	
160021070 707	JELSON JAMES	Customer Satisfaction On the Usage	160021070 715	RESHMA CLARE	Brand Loyalty of Customers Towards FMCG Product In	
160021070 708	JOEL MATHEW	Of Online Shopping	160021070 718	SHAJI SIVAPRIY	Kottayam District	
160021070 738	JERRIN DEVASIA	Site Among	160021070 717	A H		





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		Youngsters With Special Reference To Kuravilangad Gramapanchayath		SANDRA SANTHOSH		
160021070720	STALIN	Online Food Delivery	160021070721	VANDAN A V	Influence Of Opinion Leadership On Customer Behaviour – A Study Among Youth In Kottayam Districit	Anu P Mathew
160021070733	DENNY JOSE	Service as a Form OF Collaborative Consumption – A Study Among Youngsters In Kakkanad Town	160021070739	JINU JAMES		
160027070730	BIBIN TOMY		160021070729	ATHIRA SUKUMARAN		
160021070702	AKSHAYA ASHOKAN	A Study on Entrepreneurial Intention Among Graduates in Kottayam District	160021070719	SRUTHY SHAJI	A Study on the Financial Literacy Among Farmers With Special Reference to Karoor Grama Panchayath	Soumya Sebastain
160021070723	AKHILA MD		160021070728	ARATHY BABU		
160021070744	PRAVYA PRAKASH		160021070734	GINIMOL GEORGE		





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**Kottayam, Kerala, 686633**

160021070 703	ARCHANA SURESH	A Study On The Consumer Behaviour	160021070 735	GITHIN JAMES	Application & AccessibilityOf E- learning Among Higher Secondary & College Students	Renny A George	
160021070 704	ARYA DAS PRIYAMV	Towards Online Shopping & Offline Shopping With Reference To Vaikom Taluk	160021070 740	JOSEPH TOM	With Reference To Uzhavoor Block Panchayath		
160021070 714	ADA SUNIL		160021070 750	VISHNU PRASAD			
160021070 705	BOBINA A MINNU	A Study On Quality Of Work Life Among Nurse Working In Privates Hospitals With Special Reference To Kottayam District	160021070 736	HARI SHANKAR	A Comparative Study Of Crude Oil Price ,Exchange Rate & Petrol Price In India		Fr. Dinoy Mathew
160021070 742	MARIA JOSHY		160021070 745	ROBIN BABY			
160021070 731	BINNU MARIA BABY		160021070 743	PRAMOD KUMAR			





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160021070 706	GOPIKA RATHEES	Role Of Vegetable& Fruit	160021070 724	AMRUTH A	Implementation Of Mahatma Gandhi National Rural Employment	Sherin Cyriac
160021070 732	H BISMI	Promotion Council	160021070 737	HARIDAS JAISY	Guarantee Act 2005 ( MGNREGA) – A	
160021070 710	BABU LINUE T SUNNY	Keralam (VFPCCK) In Framers Empowerme nt- A Study In Meenachil Taluk	160021070 726	JOSEPH RISWANA SHAJI	Study In Mulakulam Panchayath	
160021070 709	LAKSHMI JAYAN	A Study ON	160021070 741	MERRY JOSE	A Study On Students Internet Behaviour	
160021070 711	MARIYAM OL	Behavioural Finance Of	160021070 746	SALU SATHEES	Jithin Joy	
160021070 726	VARGHES E ANSIYA YOUSUF	Youth	160021070 748	H SOUMYA THOMAS		
			160021070 747	SHIMIL JOSE		Influence Of Children In Purchase Decision – With Special Reference To Pala Municipality
			160021070 749	TEENA VINCENT		
			160021070 727	APARANA ANILKUM AR		





**Dissertation M. Com 2017-19**

<b>Sl.No</b>	<b>Reg. No.</b>	<b>Name of Student</b>	<b>Title</b>	<b>Supervising Teacher</b>
1	170011011644	AISWARYA K V	A Study on the Effectiveness of Agricultural Rural Credit Schemes Provided by Co-Operative Banks with Reference to Kuruppanthara Co-Operative Bank	Soumya Sebastian
2	170011011645	ALBIN DEVASIA	A Study on Attitude of Youth Towards the Adoption of Mobile Payments Apps	Anish Thomas
3	170011011646	AMALA SHAJI	A Study on Work Life Balance of Married Female Teachers Working in CBSE Schools with References to Kottayam District	Renny A George





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4	170011011647	ANCY MATHEW	Influence of Influencer Marketing on Purchase Decision of Youth	Fr. Dinoy Mathew
5	170011011648	ANISHA MOHANAN	A Study on the Customer Relationship Management Practices of South Indian Bank Ltd	Sherin Cyriac
6	170011011649	JISNA SEBASTIAN	A Study on Brand Equity of Hair Oil Products with Reference to Women in Kottayam District	Jithin Joy
7	170011011650	JITHIN MATHEW	A Study on the Financial Literacy, Retirement Planning and Precautionary Savings Among Individuals in Kottayam District	Dr. Deepu Jose Sebastian
8	170011011652	KRUPA M CHARLY	A Study on Influence of e-WOM on Purchase Decision	Anish Thomas
9	170011011653	LIGIN PULLEMKUNNEL	A Study on the Emerging Preference for Online Food Delivery Apps WithReference to Ernakulam District	Anu P Mathew
10	170011011654	LIS MARIA BABY	Building Brand Loyalty Through Lifestyle Brands -A Study Among Women in Kottayam District	Anu P Mathew
11	170011011655	REVATHY S	A Study on the Behaviour of Customers Towards Online	Soumya Sebastian





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			Travel Agency (OTA) Services	
12	170011011656	SAMUEL PAILY	Dynamics of Financial Decision Making with Regard to Rural People in Kottayam District	Samuel Paily
13	170011011657	SIVAGANGA DAS	A Study on the Buying Behaviour of Women in Online Apparel Shopping	Renny A George
14	170011011658	THERESE CYRIAC	A Study on Influence of Surrogate Advertising on Consumer Buying Decision	Fr. Dinoy Mathew
15	170011015761	AKHIL KRISHNAN	Role of ESAF SFB in Promoting Financial Inclusion with Special Reference to Kottayam District	Sherin Cyriac







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# **DEVA MATHA COLLEGE KURAVILANGAD**

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**Dissertation/Project Guidance**

**2019-20**

**Prepared by**

**Mr. Jithin Joy**

**P.G Department of Commerce**





**PG DEPARTMENT OF COMMERCE  
DEVAMATHA COLLEGE KURAVILAGADU  
Project work: B.COM SEMESTER VI (2019-2020)**

Sl.No	Reg. No	Name of Students	Title	Supervising Teacher
1	170021060455 170021060458 170021060474 170021060496	ALBIN BABY ALPHIN SIBY GEORGE BENNY PATHIYIL SHARON THOMSON	A Study on The Attitude of Students Towards The Google pay Application	Anish Thomas
2	170021060466 170021060478 170021060452 170021060491	ARUN JOSE JIBIN T JOHN AKSHAY RAJ RAHUL SUMON	The Effect Of Demonetization On Rubber Cultivators Of Meenachil & Vaikom Taluk	Anu Tressa Jose
3	170021060475 170021060481 170021060495 170021060484	GIBSON MANI JITHIN JOHN SANJU SCARIA KURIAKOSE MATHEW	A Study On Organic Farming Practices Adopted by Farmers in Kuravilngad Panchayath	Anu P Mathew
4	170021060482 170021060457 170021060492 170012106047	JOSEPH MATHEW ALEX GEORGE RONY JOSEPH ARUN JOSEPH	A Study on Customer Satisfaction of India Post Payment Banks(IPPS) at Kuravilngad Gramapanchayath	Soumya Sebastian
5	170021060469 170021060476 170021060485	ATHULYA SOMAN HARIPRIYA K.B MAGGIE MARIA JOY	Effectiveness of Advertisement on Consumer Buying Behaviour of	Renny A George





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	170021060494	ROSMI P.C	FMCG Products with Reference to Thalapalam Panchayath	
6	170021060480 170021060465 170021060493	JISNA T BENNY ARDRA ANIL ROSEYA K.S	Influence of Packaging on Buying Behaviour of Youth: A Study with special reference to Cosmetic Product	Fr. Dinoy Mathew
7	170021060483 170021060453 170021060454	KRISHNENDHU VIJAYAN AKSHAYA VIJAYAN ALAINA P GEO	Work-life Balance of SBI Bank Employees- A Study in Panampally Nagar	Sherin Cyriac
8	170021060460  170021060472 170021060451	ANJALI ELIZABETH BABY CHINCHU VINOD AISWARYA BABU	Product & Services Provided By ESAF Bank And its Effectiveness	Anish Thomas
9	170021060461  170021060479 170021060473	ANJANA MANOHARAN JIBY MATHEW ELIZEBATH JOSEPH	A Study On the Influence of Mobile number Portability with Reference To Kottayam District	Anu Tressa Jose
10	170021060462 170021060464 170021060497	ANUPAMA N B ANU MOHAN SNEHA JOY	Relevance of Impulse buying behavior among Youth in Kottayam District	Anu P Mathew
11	170021060471 170021060477 170021060490	BINJUMOL K SAJU JAYA LIZABATH SIBI PARVATHY NAYANA	A Descriptive Study on Mudra Loan Satisfaction among beneficiaries	Soumya Sebastian
12	170021060488 170021060468  170021060489	NAYANA S ASWANI RADHAKRISHNAN PARVATHY M NAIR	Effectiveness of E-Learning apps among college students with Reference to Meenachil Taluk	Renny A George





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13	170021060456 170021060470 170021060487	ALEENA THAKACHAN BIBIKUTTY MERIN DALI SHAJI	A Study on Boon & Bane of Neera Health Drink industries in Kerala	Fr Dinoy Mathew
14	170021060459 170021060463 170021060486	ANILA P DHIVAKARAN ANUJA MARIA JOY MARIA VARGHESE	Usage & Satisfaction of Digital Food Apps-A study on Swiggy & Zomato in Ernakulam district	Sherin Cyriac





<b>M.Com Project Allocation 2020</b>				
<b>Sl.No</b>	<b>Reg.No</b>	<b>Name</b>	<b>Title</b>	<b>Supervising Teacher</b>
1	180011022959	ANTO JOSEPH	A Study on the Influence of Targeted Online Advertisements on Consumer Buying Process	Anish Thomas
2	180011022960	ANUMOL JOY	A Study on Customer Relationship Management Practices of Selected Public Sector Banks in Kottayam District	Renny A George
3	180011022961	ASWATHY RAJAN	The Effects of Social Media Content on Holiday Travel Process-A Study with reference to Kottayam District	Anu P Mathew
4	180011022962	ATHIRA JAYACHANDRAN	Post-Purchase Dissonance of Mobile phones Among Customers in Kottayam District	Sherin Cyriac
5	180011022964	JOBIS KURIAKOSE	A Study On Quality of Work Life in Relation To New Generation Banks in Kottayam District	Jithin Joy
6	180011022965	JOSLIN JAMES	A Study on Brand Loyalty Of smart Phones Among Youth in Kottayam District	Jithin Joy
7	180011022966	KRUPA POULINOSE	An Evaluative Study on Prime Minister's Employment Generation Programme With Reference to Kottayam District	Renny A George
8	180011022967	NANDANA V	A Study on the Influence of Certification Marks On Consumer Buying	Anu Tressa Jose





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**Kottayam, Kerala, 686633**

			Behaviour Towards Food Products	
9	180011022968		Transforming Rural Lives Through CSR-A Study on Twenty 20 Kizhakkambalam	Anu P Mathew
10	180011022969		Green Banking – A Comparative Study on Customer Awareness in Public&Private Sector Banks	Soumya Sebastian
11	180011022970	RINTO SABU	A Study on Cause Related Marketing& Its Influence on Purchase Behaviour of Customers	Anu P Mathew
12	180011022971	SANDRA SUNIL	A Study on Service Quality Provided to Policyholders By LIC in Kottayam	Renny A George
13	180011022972	SISSY BABU	A study On the Influence of In Store Factors On Impulse Buying Behaviour of Consumers With Reference to Kottayam District	
14	180011022973	SUBIN JAMES	A Study On Problems And Prospects Of Small ad Marginal Rubber Farmers in Meenachil Thaluk	Soumya Sebastian





*Deva Matha College, Kuravilangad  
Kottayam, Kerala, 686633*

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# **DEVA MATHA COLLEGE KURAVILANGAD**

**Affiliated to Mahatma Gandhi University, Kottayam**



## **Dissertation/Project Guidance**

**2020-21**

**Prepared by**

**Mr. Jithin Joy**

**P.G Department of Commerce**





**UG PROJECT 2021**

<b>Sl no</b>	<b>Reg No</b>	<b>Name of Students</b>	<b>Title</b>	<b>Supervising teacher</b>
1.	180021078334 180021078320 180021078326 180021078332	ARYA CK ALEENA BENNY ANN MARIA ANTONY ARCHANARAVEENDRAN	Prospects and challenges of work from home during covid 19 pandemic: a study on the it sector employees in kerala	Ms. Sherin Cyriac
2.	180021078330 180021078327 180021078335	ANUJASANTHOSH ANNA B MATTAM ASHMIAR	A study on change in customer preferences towards ott platforms during covid pandemic	Ms. Soumya Sebastian
3.	180021078316 180021078337 180021078356	AJAY SAJI BILBIN GEORGE SHERWIN SEBASTIAN	Impact on covid 19 on back to school shopping – a study on retailers in kerala	Ms. Sherin Cyriac
4.	180021078314 180021078343 180021078357	ABITHA MM HARISREE PRAKASH SRUTHISOMAN	A study on the attitude of people towards health insurance policy after the outbreak of covid 19	Fr. Dinoy Mathew Kavalammackal
5.	180021078322 180021078323 180021078325	AMRUTHA S ANAGHASASI ANJU JOHN	Influence of covid 19 on purchase behavior: a study with special refference to grocery customers- a study in vaikom taluk	Fr. Dinoy Mathew Kavalammackal
6.	180021078333 180021078319	ARJUN NARAYANAN ALBINJOHNET JOSE	Effect of electronic word of mouth on purchase	Ms. Soumya Sebastian







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**Kottayam, Kerala, 686633**

	180021078328	ANTO K JOSE	intention towards e-commerce startups of lifestyle products	
7.	180021078329 180021078347 180021078351 180021078353	ANU SEBASTIAN JYOTHIVIJAYAN LAKSHMI S MEGHASAJEEV	A study on consumer behavior towards social media marketing	Mr. Jithin Joy
8.	180021078358 180021078355 180021078336 180021078352	SRUTHIGOPAKUMAR RESHMAREMESH ATHIRAMOLSHAJI MEENAKSHISURENDRAN	Retail store operations- with special reference to kottayam district	Mr. Jithin Joy
9.	180021078340 180021078345 180021078346 180021078348	DEFINSAJU JESBON CHACKO JESWIN JOSE BABY KANNANBABU	A study on consumer buying behavior of branded cars- with reference to central region in kerala	Mr. Renny A George
10.	180021078321 180021078324 180021078331	ALPHA EMMANUEL ANEETTA N THOMAS ANUJASREEVAS	Role of self-help groups in women empowerment	Ms. Anu P Mathew
11.	180021078338 180021078339 180021078341 180021078342	CHINJU PURUSHAN DEEPTHI V SAJI DEPHORAEZEKKIMUTHU GOWRIANIYAPPAN	A study on perception of job seekers towards online job seeking platforms	Mr. Renny A George
12.	180021078359 180021078361 180021078362	SWATHIKA H VIDHYA M VISHNUPRIYA S	Impact of online class on school students in vaikom and meenachil taluk	Mr. Anish Thomas





**PG PROJECT 2021**

<b>Sl. no</b>	<b>Register number</b>	<b>Name Of The Student</b>	<b>Title</b>	<b>Supervising Teacher</b>
1.	190011028864	AMRUTHA HARIDAS	a study on ethical consumption: in the context of food products.	Fr. Dinoy Mathew Kavalammackal
2.	190011028878	VIJIL VIJAYAN	a study on privacy and security measures of e- banking services among banking customers.	Mr.Renny A George
3.	190011028866	ASHNA SUSAN THOMAS	a study on effect of product placements on viewers	Mr Jithin Joy
4.	190011028872	JISHA THOMAS	agripreneurship as a catalyst for rural development: a study among agripreneurs in kottayam district	Fr. Dinoy Mathew Kavalammackal
5.	190011028877	TONY THANKACHEN	qwl: a study based on quality of work life among bank employees in kottayam district	Ms.Soumya Sebastian
6.	190011028865	ANSIYA YOOSAF	transformation of chalk- talk teaching to remote learning during covid pandemic	Ms.Sherin Cyriac
7.	190011028871	GITHIN T JAMES	a study on social media marketing and its effect on purchase decision	Mr. Anish Thomas
8.	190011028875	SALINI S NAIR	a study on the impulse buying behaviour of fmcg consumers	Mr Jithin Joy





***Deva Matha College, Kuravilangad  
Kottayam, Kerala, 686633***

			with special reference to adimali panchayath	
9.	190011028876	SUNILA SUNNY	a study on the influence of green marketing on consumer buying behaviour with special reference to karoor panchayath	Mr Jithin Joy
10.	190011028874	MIDHILA PRINCE	digital literacy among college students- a study in kottayam district	Ms.Sherin Cyriac
11.	190011028867	ASHWATHI RAJ R	a study on the factors that influence user acceptance of mobile payment apps	Mr. Anish Thomas





*Deva Matha College, Kuravilangad  
Kottayam, Kerala, 686633*

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# **DEVA MATHA COLLEGE KURAVILANGAD**

**Affiliated to Mahatma Gandhi University, Kottayam**



## **Dissertation/Project Guidance**

**2021-22**

**Prepared by**

**Mr. Jithin Joy**

**P.G Department of Commerce**





***B.Com. Project 2022 (2019-22 Batch)***

<b>Sl.No.</b>	<b>Reg. No.</b>	<b>Name</b>	<b>Title of the Project</b>	<b>Supervising Teacher</b>
1	190021047649 190021047639 190021047616	Malavika Binu Radhika M.K. Aryamol Viju	A Study on E-Governance and Digital Literacy of Citizens with Reference to Meenachil Taluk.	Mr. Anish Thomas
2	190021047610 190021047613 190021047622 190021047652	Abhiraj P.R. Albin Tomy Deepu Umesh Nibin J. Mathoor	Study of Fintech Companies among Customers.	
3	190021047614 190021047624 190021047627 190021047657	Anand Alex Don Tom Francis Jelsen Joby Vimal C.S.	A Study on the Influence of You Tube Ads in Purchase Decisions.	Ms. Anu P. Mathew
4	190021047651 190021047629 190021047638	Megha Shaji Jinita Joy Neethu Sadan	Influence of Internet Advertising on Consumer Behaviour on Fashion Clothing.	
5	190021047617 190021047631 190021047633 190021047654	Aswathy Biju Joselin James Lisha Shaji Rakhi V.	A Study on the Influence of Brand Name on Buying Behaviour of Electronic Gadgets with Reference to Kottayam District.	Ms. Soumya Sebastian
6	190021047641 190021047645 190021047646 190021047615	Abhirami T.R. Angel Joy	A Study on Employee Satisfaction in Kerala State Financial Enterprise (KSFE) Ltd. Vaikom.	





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		Anna Mary Joseph Ardra Mohan		
7	190021047621 190021047650 190021047655 190021047642	Blessy Maria Kurian Maria Joseph Sreelakshmi V.M. Ahalyamol O. J	Study on Effectiveness of E-Pos Machine in Public Distribution System with Reference to Kuravilangad Grama Panchayath.	Mr. Renny A. George
8	190021047656 190021047619 190021047618	Sreya R.S. Aswathy Vijayan Aswathy Saji	A Study on Stress Management among College Students During Covid-19.	
9	190021047640 190021047643 190021047653	Sandra S. Aiswarya K.S. Nithya Maria Thomas	A Study on Consumer Preference towards E-Payment Apps among College Students in Meenachil Taluk.	Fr. Dinoy Mathew
10	190021047609 190021047620 190021047635 190021047648	Abhijith Babu Bilson Varghese Midhun S. Gopal Joseph Dalu	A Study on Online Shopping Consumer Behaviour and Continuing Intention with Reference to Youth of Thodupuzha and Vaikom Taluk.	
11	190021047611 190021047636 190021047644	Aiswarya R. Neenu Mary Jose Alka Ajo Kamal	Consumer Behaviour Towards E-Learning App During Covid -19 – Study among Higher Secondary Students	Ms. Sherin Cyriac
12	190021047625 190021047630 190021047632	George J. Parappallil Joel P. Paulose Joshwin Johnson	Benefits and Challenges of Electronic Vehicle – A Study in Kottayam District.	
13	190021047623 190021047637	Devika Shibu	A Study on Consumer Behaviour towards Celebrity	Mr. Jithin Joy





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	190021047647	Neethu Anil Aparna Sivan	Advertising with Special Reference to Kottayam District.	
14	190021047612 190021047626 190021047628 190021047634	Akhil M.A. Jaiwin Thomas Jerin Joseph Manu George	A Study of Customer Satisfaction and Preferences towards the Co-operative Banks in Kuravilangad with Reference to the Latest Norms.	

**M.Com. Project 2022 (2020-22 Batch)**

Sl.No.	Reg. No.	Name	Title of the Project	Supervising Teacher
1	200011025156	Aiswarya Sasi	A Customer Centric Study on Mobile Payment Apps in Kottayam District.	Mr. Anish Thomas
2	200011025161	Athullya Soman	Influencer Marketing and Buying Behaviour: A Study among FMCG Consumers in Kottayam District.	
3	200011025157	Aleena Sunny	A Study on the Effect of E-Fulfillment Dimensions Upon E-Wallet Customers in Kottayam District.	Ms. Anu P. Mathew
4	200011025164	Gopika Vinayan	A Study on the Learning Habit and Dependence on E-Learning Resources among College Students in Kottayam District.	
5	200011025168	Merin Dali Shaji	A Study on Dynamics and Effect of Financial Literacy on the Basis of Awareness and Usage among	





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			<b>Working Women in Central Kerala.</b>	
<b>6</b>	<b>200011025158</b>	<b>Amal P. G.</b>	<b>A Consumer Centric Study on Impact of Covid 19 on Online Shopping.</b>	<b>Ms. Soumya Sebastian</b>
<b>7</b>	<b>200011025165</b>	<b>Jeesmaria Jolly</b>	<b>A Study on Customer Satisfaction of SBI Bank with Special Reference to Kottayam District.</b>	
<b>8</b>	<b>200011025159</b>	<b>Anupama N. B.</b>	<b>A Study on Customer Perception and Satisfaction towards Health Insurance among Policyholders in Kottayam district.</b>	<b>Mr. Renny A. George</b>

<b>9</b>	<b>200011025166</b>	<b>Kuriakose Mathew</b>	<b>A Study on Customer Satisfaction in Post Office Saving Scheme in Kottayam District.</b>	
<b>10</b>	<b>200011025160</b>	<b>Athira Anna Joseph</b>	<b>Toxicity in Workplace: A Study among it Professionals in Ernakulam District.</b>	<b>Fr. Dinoy Mathew</b>
<b>11</b>	<b>200011025167</b>	<b>Maria Varghese</b>	<b>Crypto Currency as an Investment Avenue: A Study among Youngsters.</b>	
<b>12</b>	<b>200011025162</b>	<b>Bibin P. B.</b>	<b>A Study on Customer Purchase Intention and Buying Behaviour towards Organic Food Products with Special Reference to Kottayam District.</b>	<b>Mr. Jithin Joy</b>







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13	200011025169	Sreelakshmi K. S.	A Study on Tourism Business During Covid 19 with Special Reference to Ernakulam District.	
14	200011025170	Teena Tom	A Study on Employee Job Satisfaction with Reference Mahatma Gandhi University Kottayam.	



DEVA MATHA COLLEGE  
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DEPARTMENT OF  
PHYSICS  
PROJECT

**DEVA MATHA COLLAGE**  
**KURAVILANGAD, KOTTAYAM, KERALA**

**2019-2022**

**DEVA MATHA COLLAGE**

**KURAVILANGAD, KOTTAYAM, KERALA**

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This is to certify that this project work entitled "UNCERTAINTY IN NEWTON'S LAW OF GRAVITATION AND GRAVITATIONAL CONSTANT" embodies the result of original work conducted by Mr.KANIVE MATHEW, Mr. JOMON P U, Mr. GEORGE PAUL, a student of the Department of Physics, Deva Matha Collage Kuravilangad, during academic year 2019-2022, in partial fulfillment of the requirement for the award of the Degree of Bachelor in Physics, Mahatma Gandhi University, Kottayam, Kerala.

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This is to certify that this project work entitled "VERIFICATION OF MALUS LAW USING SMARTPHONE" embodies the result of original work conducted by Ms DEVIKA S, Reg. no:190021038684, Ms KAVYA VINOD, Reg. no:190021038704, Ms SIVAPRIYA PAVITHRAN, Reg. no:190021038710 students of the Department of Physics, Deva Matha College, Kuravilangad, during the academic year 2019-2022, in partial fulfillment of the requirement for the award of the Degree of Bachelor of Science in Physics, Mahatma Gandhi University, Kottayam, Kerala.

  
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This is to certify that this project work entitled "ABSORPTION OF RADIANT ENERGY BY DIFFERENT COLOURS" embodies the result of original work conducted by **Mr. ALKISH ALEX (Reg no:190021038681)**, **Ms. DONA ANN XAVIER (Reg no:190021038685)**, **Ms. NEHA JUSTIN (Reg. no:190021038707)**, students of the Department of Physics, Deva Matha College, Kuravilangad, during the academic year **2019-2022**, in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Science in Physics, Mahatma Gandhi University, Kottayam, Kerala.**

  
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This is to certify that this project work entitled "FREE ENERGY GENERATOR" consists of the result of original work conducted by **YOUGIN ROSARIO VARGHESE (190021038695), VARSHA VINOD (190021038711) & ANITTA TOMY (190021038697)**, students of the Department of Physics, DevaMatha College Kuravilangad, during the academic year 2019-22 in partial fulfilment of the requirement for the award of the **Degree of Bachelor of Science in Physics, Mahatma Gandhi university, Kottayam, Kerala.**

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This is to certify that this project work entitled “COMPARISON OF RELATIVE INTENSITY OF DIFFERENT LIGHT BULBS USING SELF-BUILT JOLY PHOTOMETER” embodies the result of original work conducted as a group project by **Mr.J NANDAGOPAL** Reg. no:190021038686, **Mr.JOSEMON BENNY** Reg no:190021038687 & **Mr.JOYAL JOSE** Reg no:190021038688, three students of the Department of Physics, Deva Matha College, Kuravilangad, during the academic year 2019-2022, in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Science in Physics, Mahatma Gandhi University, Kottayam, Kerala.**

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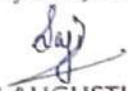
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This is to certify that this project work entitled “ **STUDY OF REFRACTIVE INDEX OF LIQUIDS**” consists of the result of original work conducted by **JOSTIN JOSEPH (190021038703),DIYA DARS (190021038699) and MEGHA M (190021038690)** ,students of the department of Physics,Devamatha college kuravilangad,during the academic year 2019-22 in partial fulfilment of the requirement for the award of the **Degree of bachelor of Science in Physics, Mahatma Gandhi university ,kottayam,kerala.**

  
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16-05-2022

## CERTIFICATE

This is to certify that the project work entitled "QUASINORMAL MODES OF ELECTROMAGNETIC PERTURBATION AROUND BLACK HOLE" is bonafide work done by ANITTA TOMY AND VARSHA VINOD, DEPARTMENT OF PHYSICS, DEVA MATHA COLLEGE, KURUVILANGAD under my guidance during the academic year of 2019-2022 and submitted for partial fulfilment of requirement of award of Degree of Bachelor of Science in Physics.

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This is to certify that this project work entitled "**STUDY OF ENERGY GAP OF DIFFERENT SEMICONDUCTORS**" embodies the result of original work conducted by **MIJO JOSEPH, NAVANEETH S, NITHIN S**, students of the Department of Physics, Deva Matha College, Kuravilangad, during the academic year **2019-2022**, in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Science in Physics, Mahatma Gandhi University, Kottayam, Kerala.**

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## Assignment Sample

Assignment

Submitted  
by,

Aritta Johnny

Roll No: 504

3DC ECONOMICS



# INFLATION

Inflation is the rate of increase in prices over a given period of time.

Inflation is typically a broad measure, such as the overall increase in prices or the increase in the Cost of Living in a Country.

What is inflation?

Inflation is a rise in prices, which can be translated as the decline of purchasing power over time. The rate at which purchasing power drops can be reflected in the average price increases of a basket of selected goods and services over some period of time. The rise in prices, which is often expressed as a percentage, means that a unit of currency effectively buys less than it did in previous periods. Inflation can be contrasted with deflation, which occurs when prices decline and purchasing



Types include of inflation include  
Different types of inflation

4

- Demand pull inflation
- Core inflation - Inflation rate excluding temporary factors.
- Hyperinflation - Inflation of over 1,000% a year
- Cost-push inflation - increasing in cost rising oil prices
- Wage - inflation - Inflation caused by rising real wage.
- Imported inflation - Inflation caused by rising price of imports, eg. due to devaluation.





Disinflation - falling rate of inflation  
Creeping - Inflation - low but consistently  
Creeping up (3)

- Controlling / moderate inflation - (0-10%)
- Running inflation (10-20%)

## Methods to Control Inflation

Inflation is generally controlled by the Central Bank and / or the government. The main policy used is monetary policy (changing interest rates). However, in theory, there use a variety of tools to control inflation including

1. Monetary Policy
2. Control of money supply
3. Supply side policies
4. Fiscal Policy
5. Wage / Price Controls.



prices increase

## Different types of Inflation

Inflation means a sustained increase in the general price level. The main two types of inflation are:

1. Demand pull inflation - this occurs when the economy grows quickly and starts to over heat - Aggregate demand (AD) will be increasing faster than aggregate supply (AS).

2. Cost-push inflation - this occurs when there is a rise in the price of raw materials, higher taxes, etc...

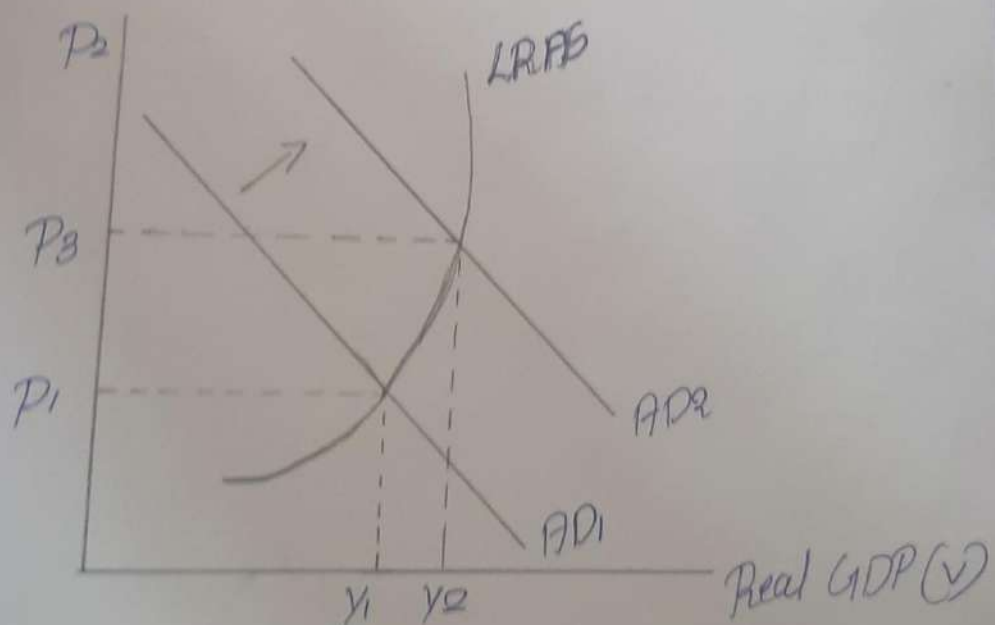
we can also categorise inflation by how fast the price increases are, such as:



# 1. Demand pull Inflation 5

This occurs when AD increases at a faster rate than AS. Demand pull inflation will typically occur when the economy is growing faster than the long-run trend rate of growth. If demand exceeds supply, firms will respond by pushing up prices.

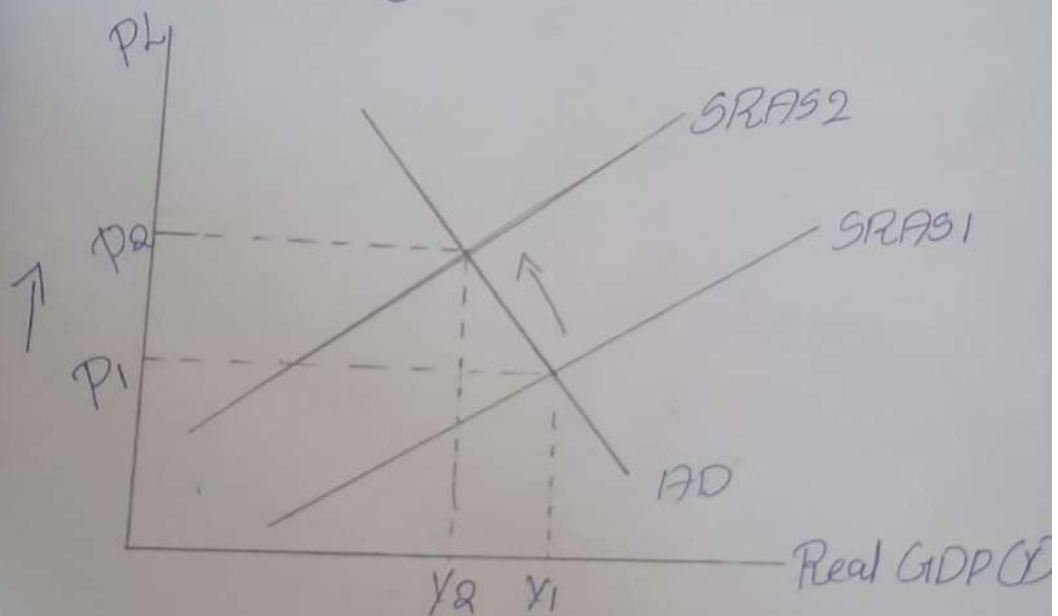
A simple diagram showing demand - pull inflation



## Cost-push Inflation

This occurs when there is an increase in the cost of production for firms causing aggregate supply to shift to the left. Cost-push inflation could be caused by rising energy and commodity prices. See also: cost push inflation.

Diagram showing cost-push inflation





# Assignment



Submitted by  
Arijana Sathosh

505



## Introduction

Since it is generally agreed that welfare economics differs from much of the rest of economics in some crucial ways, it seems natural to include a discussion of the scope and structure of welfare economics in a book on welfare Economics. Given that it is rather difficult to understand the nature of a subject without taking a plunge in the subject itself, one can perhaps make a case for placing the discussion of the structure and scope of welfare Economics right at the end of this book. However, we believe that familiarity with the methodological structure of welfare Economics is helpful in appreciating some of the arguments that one encounters in welfare Economics. It is because of this belief that we devote this initial chapter to a discussion of the nature



welfare Economics is that branch of study which to formulate policies which we may rank on the scale of better or worse alternative economic situations open to society.

### Objectives

- ⇒ measurement of social welfare  
It explains what constitutes the maximum social welfare and how such a maximum can be attained
- ⇒ Evaluation of social desirability of alternative economic situations.
- ⇒ Establish the conditions which satisfy the requirement of the social rationality of economic activity.  
for optimum distribution of factors inputs among the different commodity and the optimum distribution of



## The Nature of Value Judgement Used in Welfare Economics

Value judgement can be of various types eg: - we can have aesthetic value judgements or ethical judgements. Ethical judgements in their turn, may involve evaluations or prescriptions with respect to individual conducts, actions and personalities; alternatively they may involve evaluations or prescription of social states or policies by the nature of welfare economics, it deals with ethical judgements of this latter type; ethical judgements relating to the conduct and actions of individuals do not normally come within the purview of welfare economics. In fact, the ethical judgements.





4  
commodities among the various consumers.

### Concepts in welfare Economics:

The core of welfare economics is the term welfare itself. This term means well, being state of satisfaction or prosperity. welfare is subjective and it exists in the mind of a man. welfare may be measured by the amount of utility or satisfaction that a person derives from economic and non-economic factors. let us see some concepts related to welfare.

#### \* General welfare.

The welfare of the people in a country depends upon large number of the non-economic & economic factors. The non-economic factors include social, cultural, political



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1  
while, like all value judgements,  
ethical judgements, relating to  
social states or policies involve  
explicit or implicit general principle  
for ethical evaluation,

- 1) The prescription / evaluation of  
social states as distinct from the  
prescription / evaluation of social policies.
- 2) Overall evaluations / prescriptions  
and partial evaluations / prescriptions.
- 3) Evaluation / prescriptions of  
social alternatives and evaluation /  
prescription of mechanisms of  
reaching social decisions.



and other factors etc.

#### \* Economic welfare

According to A.C. Pigou  
Economic welfare is the satisfaction  
derived from the use of exchange-  
able goods and services in terms  
of money.

#### \* Individual welfare

Individual welfare means  
the well being of individual. It  
consist activities obtained by  
him through the use of good and  
services and possession and  
addition to this aspects.

#### \* Social welfare

Social welfare is well being  
or satisfaction of the whole society.  
It may be defined as the aggregate  
or sum total of the utilities of  
all the individuals in a society.



# MATHS

Name: Anna Benny  
I<sup>st</sup> DC physics

103



Solve

$$1. (y - 2x^3) dx - x(1 - xy) dy = 0$$

Ans This is of the form  $Mdx + Ndy = 0$

$$M = y - 2x^3 \quad \& \quad N = x(xy - 1)$$

$$\frac{\partial M}{\partial y} = 1 \quad \& \quad \frac{\partial N}{\partial x} = 2xy - 1$$

$$\frac{\partial M}{\partial y} \neq \frac{\partial N}{\partial x}$$

$\therefore$  The equation is not exact

$$\frac{My - Nx}{N} = \frac{1 - 2xy + 1}{x(xy - 1)} = \frac{2 - 2xy}{x(xy - 1)} = \frac{-2(xy - 1)}{x(xy - 1)} = \frac{-2}{x}$$

$\hookrightarrow$  This is a function of  $x$  alone

$$\begin{aligned} \therefore \text{The integrating factor,} &= e^{\int \frac{My - Nx}{N} dx} \\ &= e^{\int -\frac{2}{x} dx} \\ &= e^{-2 \log x} \\ &= e^{\log x^{-2}} \\ &= x^{-2} \\ &= \frac{1}{x^2} \\ &= \underline{\underline{\frac{1}{x^2}}} \end{aligned}$$



$$I \cdot F = \frac{1}{x^2}$$

multiply the given equation with  $\frac{1}{x^2}$

$$\frac{y - 2x^3}{x^2} dx - \frac{xy - 1}{x} dy = 0$$

$$M = \frac{y - 2x^3}{x^2}$$

$$N = \frac{-xy + 1}{x}$$

$$\therefore \frac{\partial M}{\partial y} = \frac{1}{x^2}$$

$$\frac{\partial N}{\partial x} = \frac{1}{x^2}$$

$\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$ ,  $\therefore$  The given equation is exact

The solution is,

$$\int \frac{y - 2x^3}{x^2} dx - \int y dy = c$$

$$= \frac{-y}{x} - x^2 - \frac{y^2}{2} = c$$





$$2. (3x^2y + e^y) dx + (x^3 + xe^y - 2y) dy = 0$$

Ans This is of the form,  $Mdx + Ndy = 0$ .

$$M = 3x^2y + e^y, \quad N = x^3 + xe^y - 2y$$

$$\frac{\partial M}{\partial y} = 3x^2 + e^y, \quad \frac{\partial N}{\partial x} = 3x^2 + e^y - 0 = 3x^2 + e^y$$

$$\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}, \quad \therefore \text{This equation is exact}$$

solution of exact differential equation is,

$$\int M (\text{with respect to } x \text{ keeping } y \text{ as a constant}) dx + \int N (\text{with respect to } y \text{ terms not containing } x) dy$$

$$\int (3x^2y + e^y) dx + \int -2y dy + c$$

$$3 \times \frac{x^3}{3} y + e^y x + -2 \times \frac{y^2}{2}$$

$$= \underline{x^3y + xe^y - y^2}$$

$$3. x^2 dy + y^2 dx = 0$$

$$y^2 dx = -x^2 dy$$

$$\frac{1}{x^2} dx = -\frac{1}{y^2} dy$$

This is of variable separable form,

$$\int \frac{1}{x^2} dx = \int -\frac{1}{y^2} dy$$

$$-\frac{1}{x} = \frac{1}{y} + c$$



# Graph Theory

Archanakrishnan  
class nos: 28

1. PT a graph  $G$  has no odd cycles is bipartite iff it has no odd cycles.

## Proof

First we need to prove that  $G$  has no odd cycles under the assumption that  $G$  is bipartite.

$G$  has the bipartition  $V = X \cup Y$ ,  $v$  as vertex set.

Let  $C$  be a cycle in  $G$ .  $C = v_0 v_1 \dots v_k v_0$ .

Let  $v_0$  be in  $X$ . Since  $G$  is bipartite,  $v_1$  is in  $Y$ .

Then  $v_k$  is in  $Y$  since  $v_0$  is in  $X$ .

$v_0, v_2, \dots$  are in  $X$ . i.e., even indexed vertices  $v_{2i}$  are in  $X$ .  $v_1, v_3, \dots$  are in  $Y$  i.e., odd indexed vertices  $v_{2i+1}$  are in  $Y$ . Since  $v_k$  is in  $Y$ ,  $v_k$  must be an odd number. Thus the cycle  $C = v_0 v_1 \dots v_k v_0$  is even. Since  $C$  is any cycle of  $G$ , we can conclude that every cycle of  $G$  is even.

Now to prove the converse, we assume  $G$  is a non-empty graph that does not have odd cycles and prove  $G$  is bipartite.

Now,  $G$  will be bipartite if its connected components are bipartite. Let  $C_1, C_2, \dots, C_n$  be the  $n$  connected components with vertex sets  $v_1, v_2, \dots, v_n$  and bipartitions  $v_1 = X_1 \cup Y_1, \dots, v_n = X_n \cup Y_n$ . Then the vertex set of  $G$  has bipartitions  $V = X \cup Y$ .

where  $X = X_0 \cup X_1 \cup \dots \cup X_n$        $Y = Y_1 \cup Y_2 \cup \dots \cup Y_n$

$X_0$  is the set of isolated vertices.

Now from the result, it is enough to prove that, if  $G$  is a non-empty connected graph with no odd cycles, then it is bipartite.





For that, let  $u$  be fixed vertex of  $G$ . Now  
 $X$  be the set of vertices  $v$  that are at even distance  
 from  $u$  and  $Y$  be the set of vertices that are at  
 odd distance from  $u$ . i.e., in  $X$ , the shortest  
 $u-v$  path will be of even length and in  $Y$ , the  
 shortest  $u-w$  path will be of odd length.

Note that  $u$  is in  $X$ . We need to prove  $G$  is  
 bipartite. i.e., ~~the partition~~  $V = X \cup Y$  is the bipartite  
 bipartition of  $G$  showing each of end of an  
 edge has its one end in  $X$  and other in  $Y$ .

Now let  $u$  and  $w$  be two vertices in  $X$ . Then  
 $u$  and  $w$  are adjacent.  $P$  be the shortest  $u-v$   
 path and  $Q$  be the shortest  $u-w$  path.

$$P = u_1 u_2 \dots u_{2n+1} \quad Q = w_1 w_2 \dots w_{2m+1}$$

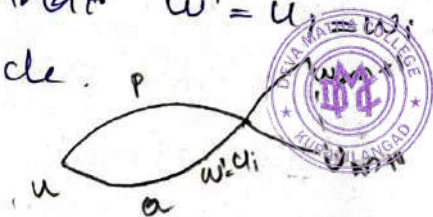
$$u = u_1 = w_1, \quad u_{2n+1} = v, \quad w_{2m+1} = w$$

Suppose that  $w'$  is a vertex that  $P$  and  $Q$  have  
 in common and is the last such vertex.

(If  $v = w$ , then of course  $w' = v = w$ ).

Then that part of  $P$  from  $u$  to  $w'$  is the shortest  
 path from  $u$  to  $w'$  and <sup>also</sup> that part of  $Q$  is  
 shortest path from  $u$  to  $w'$ . i.e., there are two  
 shortest paths from  $u$  to  $w'$ . since these two paths  
 have same length,  $\exists$  an  $i$  such that  $w' = u_i$ .  
 However they produce an odd cycle.

$$C = u_i u_{i+1} \dots u_{2n+1} w_{2m+1} \dots w_i$$



If  $i$  is even,  $*$  and  $**$  are of ~~even~~ odd length while if  
 $i$  is odd, then both are even length. giving total as

odd + 1 + odd or even + 1 + even in either case odd.  
Since  $G$  has no odd cycles, something is wrong.  
namely the assumption  $v$  and  $w$  are adjacent.

Hence there are no edges joining vertices of  $X$  in  $G$ .

A similar argument shows there are no edges joining  
vertices of  $Y$ .

Hence  $G$  is bipartite.





Mathematics

Assignment

✓

Submitted by,

Alpha.S

10c chemistry

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1) check whether the following differential equations are exact or not.

$$(x^2 - y^2)dx + (x^2 - 2y)dy = 0$$

Ans:  $M = x^2 - y^2$

$$\frac{\partial M}{\partial y} = \frac{\partial}{\partial y} (x^2 - y^2)$$

$$= \underline{\underline{-2y}}$$

$$N = x^2 - 2y$$

$$\frac{\partial N}{\partial x} = \frac{\partial}{\partial x} (x^2 - 2y)$$

$$= \underline{\underline{2x}}$$

$$\frac{\partial M}{\partial y} \neq \frac{\partial N}{\partial x}$$

Hence the given d.E is not exact.

2)  $(4y + 2x - 5)dx + (6y + 4x - 1)dy = 0$ ,  $g(-1) = 2$ .

Ans:  $M = 4y + 2x - 5$

$$\frac{\partial M}{\partial y} = \frac{\partial}{\partial y} (4y + 2x - 5)$$

$$= \underline{\underline{4}}$$

$$N = 6y + 4x - 1$$

$$\frac{\partial N}{\partial x} = \frac{\partial}{\partial x} (6y + 4x - 1)$$

$$= \underline{\underline{4}}$$

$$\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$$

Hence the given d.E is exact.

Solution is,

$$\int M (y \text{ as constant}) dx + \int N (\text{terms not containing } x) dy = c$$

$$\int (4y + 2x - 5) dx + \int (6y - 1) dy = c$$

$$\frac{4xy^2}{2}$$





3) Check whether the following d.E are exact or not, if exact solve them.

$$(\cos x \cos y - \cot x) dx = (\sin x \sin y) dy.$$

Ans:  $M = \cos x \cos y - \cot x$

$N = \sin x \sin y$

$$\frac{\partial M}{\partial y} = \frac{\partial}{\partial y} (\cos x \cos y - \cot x)$$

$$\frac{\partial N}{\partial x} = \frac{\partial}{\partial x} (\sin x \sin y)$$

$$= \cos x \cdot (-\sin y) - 0$$

$$= \underline{\underline{\cos x \sin y}}$$

$$= \underline{\underline{-\cos x \sin y}}$$

$$\frac{\partial M}{\partial y} = \frac{\partial N}{\partial x}$$

Hence the given d.E is exact.

Solution is,

$$\int M(x,y) \text{ keeping } y \text{ as constant } dx + \int N(\text{terms not containing } x) dy = C$$

$$\int (\cos x \cos y - \cot x) dx + \int 0 = C$$

$$\Rightarrow \cos y \int \cos x dx - \int \cot x dx = C$$

$$\Rightarrow \underline{\underline{\cos y \cdot \sin x - \log |\sin x| = C}}$$

Solving the following d.E by checking for exactness.

$$\frac{dy}{dx} = -\frac{(2x+3y)}{3x+4y}$$

$$dy + (2x+3y)dx = 0$$



PG Seminars 2019-20

Batch: IPG 2019-20 Sem :I

Teacher in Charge: Geomon Cherian

Sl. No	Name	Seminar Topic	Date	Remarks
1	<b>Adarsh Francis</b>	Power series	06/01/2020	
2	<b>Anamika P T</b>	Theorems on power series	07/01/2020	
3	<b>Arya Mohanan</b>	Exponential function	08/01/2020	
4	<b>Arya Mohanan</b>	Logarithmic function	09/01/2020	
5	<b>Athira S</b>	Trigonometric cosine function	10/01/2020	
6	<b>Beenamol K S</b>	Trigonometric sine function	11/01/2020	
7	<b>Greety David</b>	Algebraic completeness of the complex field	13/01/2020	
8	<b>Prajeesha Rose Royson</b>	Exponential function	14/01/2020	
9	<b>Sayana Sabu</b>	Logarithmic function	15/01/2020	
10	<b>Simi Xavier</b>	Theorems on trigonometric functions	16/01/2020	
11	<b>Sreelakshmi Babu</b>	Exercise qn	17/01/2020	



PG Seminars 2019-20

Batch: IPG 2019-20 Sem :II

Teacher in Charge: Geomon Cherian

Sl. No	Name	Seminar Topic	Date	Remarks
1	<b>Adarsh Francis</b>	General measure space	22/06/2020	
2	<b>Anamika P T</b>	Product measure	23/06/2020	
3	<b>Arya Mohanan</b>	Integration of non-negative measurable function	24/06/2020	
4	<b>Arya Mohanan</b>	Fatous lemma	25/06/2020	
5	<b>Athira S</b>	Borel Cantelli lemma	26/06/2020	
6	<b>Beenamol K S</b>	Integration of general function	27/06/2020	
7	<b>Greety David</b>	Lebesgue dominated convergence theorem	29/06/2020	
8	<b>Prajeesha Rose Royson</b>	The Radon-Nikodymn theorem	30/06/2020	
9	<b>Sayana Sabu</b>	The Radon-Nikodymn theorem	01/07/2020	
10	<b>Simi Xavier</b>	Fubini's theorem	02/07/2020	
11	<b>Sreelakshmi Babu</b>	Fubini's theorem	04/07/2020	



PG Seminars 2019-20

Batch: IIPG 2019-20 Sem :III

Teacher in Charge: Geomon Cherian

Sl. No	Name	Seminar Topic	Date	Remarks
1	<b>AJO JOSEPH</b>	Example 10.4	25/11/2019	
2	<b>AMALA SUNNY</b>	Example 10.47	26/11/2019	
3	<b>AMITHA SABU</b>	Example 10.14	27/11/2019	
4	<b>ASWATHY V SHARMA</b>	Elementary properties of k-cell	28/11/2019	
5	<b>HANNA SIBY</b>	Examples 10.12	29/11/2019	
6	<b>IRIN TOMY</b>	Differential forms	02/12/2019	
7	<b>LOVELY JOSEPH</b>	Theorem 10.9	03/12/2019	
8	<b>NEVIL GEORGE</b>	Partitions of unity	04/12/2019	
9	<b>SALUMOL SASI</b>	Primitive mapping	05/12/2019	
10	<b>SILPA TOMY</b>	Flip,support,projection	06/12/2019	
11	<b>SREEMOL P S</b>	Integration in k-cell	09/12/2019	
12	<b>VIDHYA J</b>	Integration in k-cell - theorem	10/12/2019	





PG Seminars 2019-20

Batch: IIPG 2019-20 Sem :IV

Teacher in Charge: Geomon Cherian

Sl. No	Name	Seminar Topic	Date	Remarks
1	<b>AJO JOSEPH</b>	Ordinary generating functions	23/03/2020	
2	<b>AMALA SUNNY</b>	Modelling problems	24/03/2020	
3	<b>AMITHA SABU</b>	Recurrence relations	25/03/2020	
4	<b>ASWATHY V SHARMA</b>	Partition of integers	26/03/2020	
5	<b>HANNA SIBY</b>	Exponential generating functions	27/03/2020	
6	<b>IRIN TOMY</b>	Solutions of recurrence relations –backward substitution method	30/03/2020	
7	<b>LOVELY JOSEPH</b>	Solutions of recurrence relations - using formula	31/03/2020	
8	<b>NEVIL GEORGE</b>	Solutions of recurrence relations - using formula	01/04/2020	
9	<b>SALUMOL SASI</b>	Homogeneous recurrence relations	02/04/2020	
10	<b>SILPA TOMY</b>	General linear recurrence relations	03/04/2020	
11	<b>SREEMOL P S</b>	General linear recurrence relations	04/04/2020	
12	<b>VIDHYA J</b>	Homogeneous recurrence relations	06/04/2020	



PG Seminars 2020-21

Batch: IPG 2020-21 Sem :I

Teacher in Charge: Geomon Cherian

Sl. No	Name	Seminar Topic	Date	Remarks
1	<b>Alpha Thomas</b>	Power series	10/05/21	Online mode
2	<b>Amala Rose Benny</b>	Theorems on power series	11/05/21	Online mode
3	<b>Gayathri V</b>	Exponential function	12/05/21	Online mode
4	<b>Jainy Thomas</b>	Logarithmic function	20/05/21	Online mode
5	<b>Juno P Mathew</b>	Trigonometric cosine function	14/05/21	Online mode
6	<b>Maria Cyriac</b>	Trigonometric sine function	18/05/21	Online mode
7	<b>Megha Mohanan</b>	Algebraic completeness of the complex field	25/05/21	Online mode
8	<b>Naveen Thomas</b>	Exponential function	13/05/21	Online mode
9	<b>S. Sreelakshmi</b>	Logarithmic function	21/05/21	Online mode
10	<b>Sanjay Saju</b>	Theorems on trigonometric functions	19/05/21	Online mode
11	<b>Shamna Badusha</b>	Exercise qn	27/05/21	Online mode
12	<b>Akhil Sunny</b>	Exercise qn	28/05/21	Online mode



PG Seminars 2020-21

Batch: IPG 2020-21 Sem :II

Teacher in Charge: Geomon Cherian

Sl. No	Name	Seminar Topic	Date	Remarks
1	<b>Alpha Thomas</b>	General measure space	23/08/21	
2	<b>Amala Rose Benny</b>	Product measure	24/08/21	
3	<b>Gayathri V</b>	Integration of non-negative measurable function	25/08/21	
4	<b>Jainy Thomas</b>	Fatous lemma	26/08/21	
5	<b>Juno P Mathew</b>	Borel Cantelli lemma	27/08/21	
6	<b>Maria Cyriac</b>	Integration of general function	30/08/21	
7	<b>Megha Mohanan</b>	Lebesgue dominated convergence theorem	31/08/21	
8	<b>Naveen Thomas</b>	The Radon-Nikodymn theorem	01/09/21	
9	<b>S. Sreelakshmi</b>	The Radon-Nikodymn theorem	02/09/21	
10	<b>Sanjay Saju</b>	Fubini's theorem	03/09/21	
11	<b>Shamna Badusha</b>	Fubini's theorem	04/09/21	



PG Seminars 2020-21

Batch: IIPG 2020-21 Sem :III

Teacher in Charge: Geomon Cherian

Sl. No	Name	Seminar Topic	Date	Remarks
1	<b>Adarsh Francis</b>	Example 10.4	19/10/2020	
2	<b>Anamika P T</b>	Example 10.47	20/10/2020	
3	<b>Arya Mohanan</b>	Example 10.14	21/10/2020	
4	<b>Arya Mohanan</b>	Elementary properties of k-cell	26/10/2020	
5	<b>Athira S</b>	Examples 10.12	27/10/2020	
6	<b>Beenamol K S</b>	Differential forms	28/10/2020	
7	<b>Greety David</b>	Theorem 10.9	29/10/2020	
8	<b>Prajeesha Rose Royson</b>	Partitions of unity	02/11/2020	
9	<b>Sayana Sabu</b>	Primitive mapping	03/11/2020	
10	<b>Simi Xavier</b>	Flip, support, projection	04/11/2020	
11	<b>Sreelakshmi Babu</b>	Integration in k-cell	05/11/2020	



PG Seminars 2020-21

Batch: IIPG 2020-21 Sem :IV

Teacher in Charge: Geomon Cherian

Sl. No	Name	Seminar Topic	Date	Remarks
1	<b>Adarsh Francis</b>	Ordinary generating functions	05/04/2021	
2	<b>Anamika P T</b>	Modelling problems	06/04/2021	
3	<b>Arya Mohanan</b>	Recurrence relations	07/04/2021	
4	<b>Arya Mohanan</b>	Partition of integers	08/04/2021	
5	<b>Athira S</b>	Exponential generating functions	09/04/2021	
6	<b>Beenamol K S</b>	Solutions of recurrence relations –backward substitution method	10/04/2021	
7	<b>Greety David</b>	Solutions of recurrence relations - using formula	12/04/2021	
8	<b>Prajeesha Rose Royson</b>	Solutions of recurrence relations - using formula	13/04/2021	
9	<b>Sayana Sabu</b>	Homogeneous recurrence relations	14/04/2021	
10	<b>Simi Xavier</b>	General linear recurrence relations	15/04/2021	
11	<b>Sreelakshmi Babu</b>	General linear recurrence relations	16/04/2021	



# Project Viva – 2018

## Attendance Sheet

Project Viva - 2018  
Dmc, kv 8

April 2018

**DEVA MATHA UNIVERSITY KOTTAYAM**

Semester.....VI.....VIVA VOCE EXAMINATIONS, April 2018

Name of Centre ...DEVA MATHA COLLEGE....

**ATTENDANCE SHEET**

Sl. No	University Reg. No	Name	Signature
1	150021159661	AJAY AUGUSTINE	<i>[Signature]</i>
2	150021159662	ANAKHA BABU	<i>[Signature]</i>
3	150021159663	ARCHANA P.S	<i>[Signature]</i>
4	150021159664	BINU BABU	<i>[Signature]</i>
5	150021159665	JOBIN JOSEPH	<i>[Signature]</i>
6	150021159666	JOYS JOHN	<i>[Signature]</i>
7	150021159667	KANYAMOL E.S	<i>[Signature]</i>
8	150021159668	SREEJA P.B	<i>[Signature]</i>
9	150021159669	ABIN JOSEPH	<i>[Signature]</i>
10	150021159670	ABIYA THOMAS	<i>[Signature]</i>
11	150021159671	AKHIL JOY	<i>[Signature]</i>
12	150021159672	ALEESHA BINOY	<i>[Signature]</i>
13	150021159673	ANANDU KRISHNANKUTTY	<i>[Signature]</i>
14	150021159674	ANITHRA DRAVID	<i>[Signature]</i>
15	150021159675	ANJALY ELIZEBATH XAVIER	<i>[Signature]</i>
16	150021159676	ANNA ISSAC	<i>[Signature]</i>
17	150021159677	ANU A.K	<i>[Signature]</i>
18	150021159678	ARUNIMA .M	<i>[Signature]</i>
19	150021159679	ARUNIMA .S	<i>[Signature]</i>
20	150021159680	ASWATHY JAIN	<i>[Signature]</i>
21	150021159681	ATHIRA P.K	<i>[Signature]</i>
22	150021159682	ATHIRA THANKACHAN	<i>[Signature]</i>
23	150021159683	BINILA PRASANNAN	<i>[Signature]</i>
24	150021159684	CHRISTY SUNNY	<i>[Signature]</i>
25	150021159686	JINU SIBY	<i>[Signature]</i>

Name and Signature of Examiners

1. \_\_\_\_\_

2. \_\_\_\_\_

Signature of Chairman





# MAHATMA GANDHI UNIVERSITY KOTTAYAM

12<sup>th</sup> and 13<sup>th</sup> April

Semester.....VJ..... VIVA VOCE EXAMINATIONS APRIL 2011.8

Name of Centre ..DEVA MATHA COLLEGE.....

## ATTENDANCE SHEET

Sl. No	University Reg. No	Name	Signature
26	150021159689	JOHNSON GEORGE	<i>[Signature]</i>
27	150021159690	JOJI JOSE	<i>[Signature]</i>
28	150021159691	JOSNA JOY	<i>[Signature]</i>
29	150021159692	KAVYA N NAMBOOTHIRI	<i>[Signature]</i>
30	150021159693	KRISHNENDHU MOHAN	<i>[Signature]</i>
31	150021159694	LIBIN BABY	<i>[Signature]</i>
32	150021159695	LINTO TOMY	<i>[Signature]</i>
33	150021159697	NANDANA MOHAN E	<i>[Signature]</i>
34	150021159698	NANDHINI M S	<i>[Signature]</i>
35	150021159699	RAKHI R	<i>[Signature]</i>
36	150021159700	REKHA R	<i>[Signature]</i>
37	150021159701	SARATH K UTHAMAN	<i>[Signature]</i>
38	150021159702	SETHULAKSHMY BABU	<i>[Signature]</i>
39	150021159703	SOBIN MATHEW	<i>[Signature]</i>
40	150021159704	SONY SUNNY	<i>[Signature]</i>
41	150021159706	SREELAKSHMI. S	<i>[Signature]</i>
42	150021159707	SUMAL S BABU	<i>[Signature]</i>
43	150021159708	SUPRIYA K P	<i>[Signature]</i>
44	150021159709	VIDHYA KUNJUMON	<i>[Signature]</i>
45	150021159710	VINEETHA CHANDRAN	<i>[Signature]</i>
46	140021052806	JOMY JOSE	<i>[Signature]</i>
4			

Name and Signature of Examiners

- 1.
- 2.

Signature of Chairman





Project evaluation and viva voce of External Assessment, April 2018

**MAHATMA GANDHI UNIVERSITY KOTTAYAM**

**COURSE-CREDIT SEMESTER SYSTEM**

PROJECT EVALUATION AND VIVA VOCE OF EXTERNAL ASSESSMENT, 12<sup>th</sup> and 13<sup>th</sup>

April 2018

Centre No. 007

Name of College: DEVA MATHA COLLEGE, KURAVILANGAD

Programme: BA Economics

Semester VI

B A Economics Model I & II Max.Marks-80

Sl.NO	University Reg.No	Name	Project	Viva	Mark
1	150021159661	AJAY AUGUSTINE	47	25	72
2	150021159662	ANAKHA BABU	48	29	77
3	150021159663	ARCHANA P.S	48	25	73
4	150021159664	BINU BABU	47	26	73
5	150021159665	JOBIN JOSEPH	47	22	69
6	150021159666	JOYS JOHN	47	22	69
7	150021159667	KAVYA MOL F.S	47	24	71
8	150021159668	SREEJA P.G	47	22	69
9	150021159669	ABIN JOSEPH	47	27	74
10	150021159670	ABIYA THOMAS	48	29	77
11	150021159671	AKHIL JOY	47	26	73
12	150021159672	ALEESHA BINNY	47	25	72
13	150021159673	ANANDU KRISHNANKUTTY	47	22	69
14	150021159674	ANITHRA DRAYID	47	26	73
15	150021159675	ANTALY ELIZABETH XAVIER	48	29	77
16	150021159676	ANNA ISSAC	48	27	75
17	150021159677	ANU A.K	48	23	71
18	150021159678	ARUNIMA . M	48	26	74
19	150021159679	ARUNIMA . S	48	24	72
20	150021159680	ASWATHY JAIN	48	24	72

Name and Signature of Examiners

1. JOJI JACOB

2. Dr. Elamma Joseph

Signature of Chairman



# MAHATMA GANDHI UNIVERSITY KOTTAYAM

## COURSE-CREDIT SEMESTER SYSTEM

### PROJECT EVALUATION AND VIVA VOCE OF EXTERNAL ASSESSMENT

12<sup>th</sup> and 13<sup>th</sup>  
April 2018

Centre No. 007

Name of College..DEVA..MATHA..COLLEGE.,..KURAVILANGAD

Programme: BA ECONOMICS

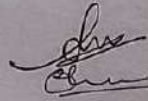
Semester VI

B A Economics Model I & II Max.Marks-80

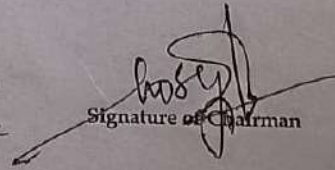
Sl.NO	University Reg.No	Name	Project	Viva	Mark
21	150021159681	ATHIRA P.K	47	24	71
22	150021159682	ATHIRA THANKACHAN	47	25	72
23	150021159683	BINIKA PRASANNA	47	27	74
24	150021159684	CHRISTY SUNNY	48	29	77
25	150021159686	JINU SIBY	48	25	73
26	150021159689	JOHNSON GEORGE	47	26	73
27	150021159690	JOJI JOSE	48	24	72
28	150021159691	JOSNA JOY	48	27	75
29	150021159692	KAVYA.N.NAMBOOTHIRI	47	29	76
30	150021159693	KRISHNENDHU MOHAN	48	24	72
31	150021159694	LIBIN BABY	47	27	74
32	150021159695	LINTO TOMY	48	25	73
33	150021159697	MANDANA MOHAN E	47	24	71
34	150021159698	NANDHINI M.S	47	29	76
35	150021159699	RAKHI R	47	29	76
36	150021159700	REKHA R	47	29	76
37	150021159701	SARATH.K.UTHAMAN	47	22	69
38	150021159702	SETHULAKSHMY BABU	47	29	76
39	150021159703	SOBIN MATHEW	48	21	69
40	150021159704	SONY SUNNY	47	25	72

Name and Signature of Examiners

1. JOJI JACOB
2. Dr. Elsanma Joseph



Signature of Chairman





# MAHATMA GANDHI UNIVERSITY KOTTAYAM

## COURSE-CREDIT SEMESTER SYSTEM

PROJECT EVALUATION AND VIVA VOCE OF EXTERNAL ASSESSMENT, 12<sup>th</sup> and 13<sup>th</sup> April 2018

Centre No. 007

Name of College DEVA..MATHA...COLLEGE...KURAVILANGAD

Programme: BA ECONOMICS

Semester VI

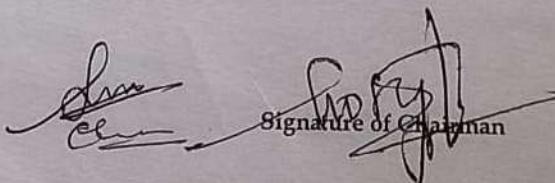
B A Economics Model I & II Max.Marks-80

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41	150021159706	SREELAKSHMI .S	48	29	77
42	150021159707	SUMAL . S. BABU	47	28	75
43	150021159708	SUPRIYA K.P	47	26	73
44	150021159709	VIDHYA KUNJUMON	47	24	71
45	150021159710	VINEETHA CHANDRAN	47	25	72
46	140021052806	JOMY JOSE	48	25	73

Name and Signature of Examiners

1. JOJI JACOB

2. Dr. Elsamra Joseph

  
Signature of Chairman



# Project Viva – 2019

## Attendance Sheet

### MAHATMA GANDHI UNIVERSITY KOTTAYAM

Semester VI, VIVA VOCE EXAMINATIONS, April 2019

Name of Centre : Deva Matha College, Kuravilangad

#### ATTENDANCE SHEET

Sl. No	University Reg. No	Name	Signature
1	160021001291	ALEENA JOSHY	Aleena
2	160021001292	AMRUTHA A S	Amrutha
3	160021001293	ANU RAJU	Anu
4	160021001294	ANUSREE K S	Anusree
5	160021001295	ASHLY THOMAS	Ashly
6	160021001296	BHARATHAN NAMBOOTHIRI	Bharathan
7	160021001297	BIBIN BIJU	Bibin
8	160021001298	JESLY JUSTIN	Jesly
9	160021001299	MEREENA JOY	Mereena
10	160021001300	NEERAJ JOHNY	Neeraj
11	160021001301	SANDYA MOHAN	Sandya
12	160021001302	SHANIYA SHAHUL	Shaniya
13	160021001303	SONIYA B MOHITE	Absent
14	160021001304	SREELAKSHMI SURENDRAN	Sreelakshmi
15	160021001305	TIYA PIOUS	Tiya
16	160021001306	VISHNU BABU	Vishnu
17	160021001307	AJIN GEORGE	Ajin
18	160021001309	ALEN PETER	Alen
19	160021001310	ANCILET RANI THOMAS	Ancilet
20	160021001311	ARCHANA S NAIR	Archana
21	160021001312	ARDRA MANOJ	Ardra
22	160021001313	ARUN SUNNY	Arun
23	160021001314	ARYA V T	Arya
24	160021001315	ASHISH JOSEPH	Ashish
25	160021001316	ATHIRA K. S.	Athira

Name and Signature of Examiners

1. *Ray Sankar* Dr. Ray Sankar
  2. *Alena* Dr. Alena Joseph
- 3/4/19  
3/4/2019

Signature of Chairman





# MAHATMA GANDHI UNIVERSITY KOTTAYAM

Semester VI, VIVA VOCE EXAMINATIONS, April 2019

Name of Centre : Deva Matha College, Kuravilangad

## ATTENDANCE SHEET

Sl. No	University Reg. No	Name	Signature
26	160021001318	BENEDICT JOB	<i>Benedict Job</i>
27	160021001319	BONY BRIZE	<i>Bony Brize</i>
28	160021001320	CHANDNI CHAND	<i>Chandni Chand</i>
29	160021001321	DANSHEEL JOSHY	<i>Dansheel Joshy</i>
30	160021001322	DEVIKA SASI	<i>Devika Sasi</i>
31	160021001323	GINU CHACKO	<i>GINU CHACKO</i>
32	160021001324	JOE ALEX DENNY	<i>Joe Alex Denny</i>
33	160021001325	JOICE MATHEW	<i>Joice Mathew</i>
34	160021001327	MATHEW K THOMAS	<i>Mathew K Thomas</i>
35	160021001328	NIDHIN BABU	<i>Nidhin Babu</i>
36	160021001329	NIKHIL S B	<i>Nikhil S B</i>
37	160021001330	NIKHILA K K	<i>Nikhila K K</i>
38	160021001331	RAJESH RAJU	<i>Rajesh Raju</i>
39	160021001332	REHANA HARIHARAN	<i>Rehana Hariharan</i>
40	160021001333	ROSEPRIYA JOHNY	<i>Rosepriya Johny</i>
41	160021001334	SEREENA ROSE JOYCE	<i>Sereena Rose Joyce</i>
42	160021001335	THRISHA RAJ	<i>Thrisha Raj</i>
43	160021001336	TINTU THOMAS	<i>Tintu Thomas</i>
44	160021001337	TONY THOMAS	<i>Tony Thomas</i>
45	160021001338	VINEETHA SUKUMARAN	<i>Vineetha Sukumaran</i>
46	160021001339	VISHNU SAJEEVAN	<i>Vishnu Sajeevan</i>
47	160021001340	VISHNUPRIYA V. N.	<i>Vishnupriya V. N.</i>

Name and Signature of Examiners

- Dr. Roy Scaria*  
3/4/19
- Dr. Elsamra Joseph*  
3/4/2019

Signature of Chairman



Project evaluation and viva voce of External Assessment, April 2018

**MAHATMA GANDHI UNIVERSITY KOTTAYAM**

COURSE-CREDIT SEMESTER SYSTEM

PROJECT EVALUATION AND VIVA VOCE OF EXTERNAL ASSESSMENT *April 2019*

Centre No. : 007

Name of College: Deva Matha College, Kuravilangad

Programme: B.A. Economics

Semester: VI

Max. Marks: 80

SLNO	University Reg.No	Name	Project	Viva	Mark
1	160021001291	ALEENA JOSHY	42	24	66
2	160021001292	AMRUTHA A S	40	27	67
3	160021001293	ANU RAJU	46	24	70
4	160021001294	ANUSREE K S	38	26	64
5	160021001295	ASHLY THOMAS	40	25	65
6	160021001296	BHARATHAN NAMBOOTHIRI	36	26	62
7	160021001297	BIBIN BIJU	43	22	65
8	160021001298	JESLY JUSTIN	44	24	68
9	160021001299	MEREENA JOY	43	27	70
10	160021001300	NEERAJ JOHNY	45	22	67
11	160021001301	SANDYA MOHAN	47	22	69
12	160021001302	SHANIYA SHAHUL	46	25	71
13	160021001303	SONIYA B MOHITE	Absent		---
14	160021001304	SREELAKSHMI SURENDRAN	40	25	65
15	160021001305	TIYA PIOUS	44	24	68
16	160021001306	VISHNU BABU	44	23	67
17	160021001307	AJIN GEORGE	40	25	65
18	160021001309	ALEN PETER	40	24	64
19	160021001310	ANCILET RANI THOMAS	43	26	69
20	160021001311	ARCHANA S NAIR	42	25	67

Name and Signature of Examiners

1. *Roy Scania* *Dr. Roy Scania,*  
3/4/19

2. *Chao* *Dr. Elsanne Joseph* Signature of Chairman  
03/04/2019





**MAHATMA GANDHI UNIVERSITY KOTTAYAM**  
**COURSE-CREDIT SEMESTER SYSTEM**  
**PROJECT EVALUATION AND VIVA VOCE OF EXTERNAL ASSESSMENT**

Centre No. : 007

Name of College: Deva Matha College, Kuravilangad

Programme: B.A. Economics

Semester: VI

Max. Marks: 80

Sl.NO	University Reg.No	Name	Project	Viva	Mark
21	160021001312	ARDRA MANOJ	40	22	62
22	160021001313	ARUN SUNNY	47	26	73
23	160021001314	ARYA V T	44	20	64
24	160021001315	ASHISH JOSEPH	40	24	64
25	160021001316	ATHIRA K. S.	47	20	67
26	160021001318	BENEDICT JOB	47	25	72
27	160021001319	BONY BRIZE	42	22	64
28	160021001320	CHANDNI CHAND	42	20	62
29	160021001321	DANSHEEL JOSHY	40	24	64
30	160021001322	DEVIKA SASI	36	18	54
31	160021001323	GINU CHACKO	43	23	66
32	160021001324	JOE ALEX DENNY	42	25	67
33	160021001325	JOICE MATHEW	40	23	63
34	160021001327	MATHEW K THOMAS	46	23	69
35	160021001328	NIDHIN BABU	42	24	66
36	160021001329	NIKHIL S B	45	18	63
37	160021001330	NIKHILA K K	42	18	60
38	160021001331	RAJESH RAJU	46	22	68
39	160021001332	REHANA HARIHARAN	42	22	64
40	160021001333	ROSEPRIYA JOHNY	45	20	65

Name and Signature of Examiners

1. *Roy Scania* Dr. Roy Scania  
3/4/19
2. *Elisanna Joseph* Dr. Elisanna Joseph  
03/04/2019

Signature of Chairman





**MAHATMA GANDHI UNIVERSITY KOTTAYAM**  
**COURSE-CREDIT SEMESTER SYSTEM**  
**PROJECT EVALUATION AND VIVA VOCE OF EXTERNAL ASSESSMENT**

Centre No. : 007

Programme: B.A. Economics

Name of College: Deva Matha College, Kuravilangad

Semester: VI

Max. Marks: 80

SLNO	University Reg.No	Name	Project	Viva	Mark
41	160021001334	SEREENA ROSE JOYCE	47	28	75
42	160021001335	THRISHA RAJ	36	22	58
43	160021001336	TINTU THOMAS	45	17	62
44	160021001337	TONY THOMAS	34	20	54
45	160021001338	VINEETHA SUKUMARAN	38	25	63
46	160021001339	VISHNU SAJEEVAN	41	20	61
47	160021001340	VISHNUPRIYA V. N.	45	26	71

Name and Signature of Examiners

1. *Roy Seenu* Dr. Roy Seenu  
3/4/19
2. *Dr. Elsamra Joseph* Dr. Elsamra Joseph  
03/04/2019

Signature of Chairman



# Project Viva – 2020

## Attendance Sheet

### MAHATMA GANDHI UNIVERSITY KOTTAYAM

STER.....B. A. Economics.....PROJECT EVALUATION  
AND VIVA VOCE EXAMINATIONS.....June.....2020

Name of Centre.....Deva Matha College, Kuravilangad

#### ATTENDANCE SHEET

Sl. No	University Reg. No	Name	Signature
1.	170021001321	AJEESH A B	<i>[Signature]</i>
2.	170021001322	AKHIL P. MATHEW	<i>[Signature]</i>
3.	170021001323	ALBIN SEBASTIAN	<i>[Signature]</i>
4.	170021001324	ALBIN SUNNY	<i>[Signature]</i>
5.	170021001325	ALVIN AJI JACOB	<i>[Signature]</i>
* 6.	170021001326	AMAL SHABU	<i>[Signature]</i>
7.	170021001327	AMRETHESWARY P RAO	<i>[Signature]</i>
8.	170021001328	ANANDHAKRISHNAN ACHARI	<i>[Signature]</i>
9.	170021001329	ANANDU VINU	<i>[Signature]</i>
10.	170021001330	ANJU HARIKUMAR	<i>[Signature]</i>
11.	170021001331	ANJU RAI P	<i>[Signature]</i>
12.	170021001332	ANSELNA U	<i>[Signature]</i>
13.	170021001334	ARKKA P REGHU	<i>[Signature]</i>
14.	170021001335	ACHAM PAUL	<i>[Signature]</i>
15.	170021001336	ATHULYA C	<i>[Signature]</i>
16.	170021001337	FATHIMA ABDULLA	<i>[Signature]</i>
17.	170021001338	GITHIN PETER	<i>[Signature]</i>
18.	170021001339	HARISANKAR M	<i>[Signature]</i>
19.	170021001340	JAMES FRANCIS	<i>[Signature]</i>
20.	170021001341	JINES THOMAS	<i>[Signature]</i>
21.	170021001342	JISHNU T. P	<i>[Signature]</i>
22.	170021001343	JISHNU THANKACHAN	<i>[Signature]</i>
23.	170021001344	JITHIN VIJAYAN	<i>[Signature]</i>
24.	170021001345	JOHN MATHEW KARODAN	<i>[Signature]</i>

Name and Signature of Examiners

1. Dr. Elsamma Joseph *[Signature]*
2. Mr. Bojo John *[Signature]*

Signature of Chairman

\* NB:- The project viva of Amal Shabu (Reg. No - 170021001326) was conducted through google meet since he belongs to Panamaram Panchayat of Wayanad district which is currently a covid-19 hotspot. The proof of viva is kept as soft copy forms in the department. *[Signature]* Dr. Elsamma Joseph.





# MAHATMA GANDHI UNIVERSITY KOTTAYAM

B.A. ECONOMICS PROJECT EVALUATION  
AND VIVA VOCE EXAMINATIONS..... 2020

Name of Centre Deva Matha College, Kuravilangad

## ATTENDANCE SHEET

Sl. No	University Reg. No	Name	Signature
25.	170021001346	JOIES JOY	<i>[Signature]</i>
26.	170021001347	KARTHIK T. O	<i>[Signature]</i>
27.	170021001348	KAYYA SABU	<i>[Signature]</i>
28.	170021001349	KEERTHANA A. R	<i>[Signature]</i>
29.	170021001350	KRISHNAVENI P. V	<i>[Signature]</i>
30.	170021001351	LAKSHMIKUTTY J. A	<i>[Signature]</i>
31.	170021001352	LINCE M. PHILIP	<i>[Signature]</i>
32.	170021001354	MANU KURIAN	—
33.	170021001355	MUBEENA C.M	Absent
34.	170021001356	NABHA KURIAKOSE	<i>[Signature]</i>
35.	170021001357	NIKHIL JOY	<i>[Signature]</i>
36.	170021001358	PAULSON PAUL	<i>[Signature]</i>
37.	170021001359	PINKY MATHEW	<i>[Signature]</i>
38.	170021001360	RADHIKA SANTHOSH	<i>[Signature]</i>
39.	170021001361	RESHMA SURESH	<i>[Signature]</i>
40.	170021001362	SANDRA GOPAL	<i>[Signature]</i>
41.	170021001363	SANDRA P. S	<i>[Signature]</i>
42.	170021001364	SARU BABU	<i>[Signature]</i>
43.	170021001365	SAYANA P. MANI	<i>[Signature]</i>
44.	170021001366	SHUHAIB ISMAIL	<i>[Signature]</i>
45.	170021001367	SHEHA GIGI	<i>[Signature]</i>
46.	170021001369	SWATHY C.S	<i>[Signature]</i>
47.	170021001370	UNNIMAYA MANOJ	<i>[Signature]</i>

Name and Signature of Examiners

- Dr. Elsamna Joseph *[Signature]*
  - Mr. Rojo John *[Signature]*
- \* NB:- The project-viva of Manu Kurian (Reg. No-170021001354) was conducted through google meet since he belongs to Kalliar Panchayat of Kasargod district which was in covid-19 hot spot few weeks back. The proof of viva is kept in soft-copy form in the department. *[Signature]*

Signature of Chairman



Project evaluation and viva voce of External Assessment, April 2018

**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

VI Semester : **BA ECONOMICS**

PROJECT EVALUATION AND VIVA VOCE EXAMINATIONS - JUNE 2020

Name of Centre : **DEVA MATHA COLLEGE, KURAVILANGAD**

Max. Marks 80

Sl. No	University Reg. No	Name	Project	Viva	Mark
✓ 1	170021001321	AJEESH A B	43	15	58
✓ 2	170021001322	AKHIL P. MATHEW	47	20	67
✓ 3	170021001323	ALBIN SEBASTIAN	45	19	64
✓ 4	170021001324	ALBIN SUNNY	45	21	66
✓ 5	170021001325	ALVIN AJ JACOB	47	26	73
✓ 6	170021001326	AMAL SHABU	47	25	72
✓ 7	170021001327	AMRETHESWARY P. RAJU	43	12	55
✓ 8	170021001328	ANANDHAKRISHNAN ACHARI	45	27	72
✓ 9	170021001329	ANANDU VINU	45	26	71
✓ 10	170021001330	ANJU HARIKUMAR	43	27	70
✓ 11	170021001331	ANJU RAJ P.	47	29	76
✓ 12	170021001332	ANSELNA U.	46	26	72
✓ 13	170021001334	ARKKA P REGHU	45	18	63
✓ 14	170021001335	ASHAM PAUL	46	25	71
✓ 15	170021001336	ATHULYA C.	45	23	68
✓ 16	170021001337	FATHIMA ABDULLA	47	26	73
✓ 17	170021001338	GITHIN PETER	45	22	67
✓ 18	170021001339	HARISANKAR M.	44	25	69
✓ 19	170021001340	JAMES FRANCIS	44	13	57
✓ 20	170021001341	JINES THOMAS	44	27	71
✓ 21	170021001342	JISHNU T.P.	45	25	70
✓ 22	170021001343	JISHNU THANKACHIAN	44	13	57
✓ 23	170021001344	JITHIN VIJAYAN	45	25	70
✓ 24	170021001345	JOHN MATHEW KARODAN	45	26	71

Name and Signature of Examiners

1. Dr. Elsamna Joseph *Elam*
2. Sojo John *John*

Signature of Chairman





# MAHATMA GANDHI UNIVERSITY, KOTTAYAM

VI Semester: **BA ECONOMICS**

PROJECT EVALUATION AND VIVA VOCE EXAMINATIONS - JUNE 2020

Name of Centre : **DEVA MATHA COLLEGE, KURAVILANGAD**

Max. Marks 80

Sl. No	University Reg. No	Name	Project	Viva	Mark
✓ 25	170021001346	JOIES JOY	43	27	70
✓ 26	170021001347	KARTHIK T. O.	47	26	73
✓ 27	170021001348	KAVYA SABU	45	23	68
✓ 28	170021001349	KEERTHANA A R	45	27	72
✓ 29	170021001350	KRISHNAVENI .P.U	47	24	71
✓ 30	170021001351	KRISHNAVENI .P.U	45	24	69
✓ 31	170021001352	LAKSHMIKUTTY J A	47	23	70
✓ 32	170021001354	LINCE.M.PHILIP	47	24	71
✓ 33	170021001354	MANU KURIAN	47	Absent	—
✓ 34	17002100135	MUBEENA C. M	45	22	67
✓ 35	170021001356	NABITHA KURIAKOSE	47	25	72
✓ 36	170021001357	NIKHIL JOY	45	24	69
✓ 37	170021001358	PAULSON PAUL	45	23	68
✓ 38	170021001359	PINKY MATHEW	45	26	71
✓ 39	170021001360	RADHIKA SANTHOSH	45	23	68
✓ 40	170021001361	RESHMA SURESH	44	18	62
✓ 41	170021001362	SANDRA GOPAL	44	22	66
✓ 42	170021001363	SANDRA.P.S	46	22	68
✓ 43	170021001364	SARU BABU	45	23	68
✓ 44	170021001365	SAYANA.P.MANI	47	23	70
✓ 45	170021001366	SHUHAIB ISMAIL	44	21	65
✓ 46	170021001367	SNEHA GIGI	44	24	68
✓ 47	170021001369	SWATHY C S	45	25	70
✓ 48	170021001370	UNNIMAYA MANOJ			

Name and Signature of Examiners

1. Dr. Elsaamma Joseph *Elsaamma Joseph*
2. Sojo John *Sojo John*

Signature of Chairman



# Project Viva – 2021

## Attendance Sheet

### **MAHATMA GANDHI UNIVERSITY KOTTAYAM**

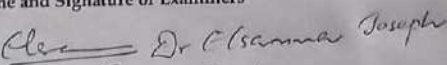
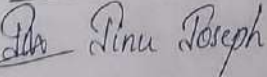
**VI Semester.....BA.ECONOMICS..... PROJECT EVALUATION AND  
VIVA VOCE EXAMINATIONS.....JULY.....2021**

Name of Centre: Deva Matha College, Kuravilangad

#### **ATTENDANCE SHEET**

Sl. No	University Reg. No	Name	Signature
1	170021001355	MUBEENA C.M	

Name and Signature of Examiners

-  Dr. C. S.amma Joseph
-  Linu Joseph

Signature of Chairman





Project evaluation and viva voce of External Assessment, April 2018

**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

**VI Semester.....BA.ECONOMICS..... PROJECT EVALUATION AND  
VIVA VOCE EXAMINATIONS.....JULY.....2021**

Name of Centre: Deva Matha College, Kuravilangad

Max.Marks-80

Sl. No	University Reg. No	Name	Project	Viva	Mark
1	180021012638	ADARSH MATHEW	48	25	73
2	180021012639	ADITHYA SHAJI	48	29	77
3	180021012640	ADITHYAN R	48	24	72
4	180021012641	AKHIL AJAY	48	22	70
5	180021012642	AKSHAYA S	48	28	76
6	180021012643	AKSHAYA SHAJI	48	25	73
7	180021012645	ALBIN BENNY	48	25	73
8	180021012646	ALBIN M SEBASTIAN	48	25	73
9	180021012647	ANANDHU SHAJI	48	24	72
10	180021012648	ANIJA V T	48	28	76
11	180021012649	ANJALY AUGUSTINE	48	29	77
12	180021012650	ANN THERESE SAJI	48	24	72
13	180021012651	ANU THOMAS	48	27	75
14	180021012652	ANUPAMA MONACHAN	48	29	77
15	180021012653	ARJUN S	48	25	73
16	180021012654	AROMAL SANTHOSH	48	23	71
17	180021012655	ARUNIMA ANILKUMAR	48	23	71
18	180021012656	ASHA VISWAM	48	27	75
19	180021012657	ASWATHY PRASANAN	48	27	75
20	180021012658	ATHIRA MANOHARAN	48	27	75
21	180021012659	BELLA SUNNY MANNARATH	48	29	77
22	180021012660	CHANDANA CHANDRAN	48	20 <sup>22</sup>	70 <sup>68</sup>
23	180021012661	DALEENA JOSEPH	48	23	71
24	180021012662	DEVIKA SHAJI	48	Absent	
25	180021012664	DIVYA P	48	23	71

Name and Signature of Examiners

- Dr. Isamma Joseph*
- Dr. Pinu Joseph*

Signature of Chairman



# MAHATMA GANDHI UNIVERSITY, KOTTAYAM

## VI Semester.....BA.ECONOMICS..... PROJECT EVALUATION AND VIVA VOCE EXAMINATIONS.....JULY....2021

Name of Centre: Deva Matha College, Kuravilangad

Max.Marks-80

Sl. No	University Reg. No	Name	Project	Viva	Mark
26	180021012665	HIMA BIJULAL	48	27	75
27	180021012666	JESNA JACOB	48	23	71
28	180021012667	JITHIN MOHANDAS	48	23	71
29	180021012668	JITTO MATHEW	48	25	73
30	180021012669	KAVYASREE S VARIAR	48	29	77
31	180021012670	LINI LAL	48	24	72
32	180021012671	MAIMOL ROBERT	48	29	77
33	180021012672	MELVIN FRANCIS GEORGE	48	23	71
34	180021012673	NAVEEN PHILIP	48	29	77
35	180021012675	PETE MATHEW	48	25	73
36	180021012676	PRIYANKA LEO	48	24	72
37	180021012677	RJO K GEORGE	48	28	76
38	180021012678	RISHAMOL SIVAN	48	22	70
39	180021012679	SANIKA SAJEEV	48	29	77
40	180021012680	SAURAFKUMAR P	48	22	70
41	180021012681	SAVIO BENNY	48	23	71
42	180021012682	SREEHARI M S	48	25	73
43	180021012683	SREEKALA RAJ	48	23	71
44	180021012684	THANKAMONY S	48	23	71
45	180021012685	TINU K U	48	27	75
46	180021012686	VAISAKHI BABU	48	24	72

Name and Signature of Examiners

1. *Dr. Elsamra Joseph*
2. *Tinu Joseph*

Signature of Chairman






## Project Viva – 2022

### Project evaluation and viva voce of External Assessment, April 2018

Mahatma Gandhi University, Kottayam, Kerala  
**Practical External**

Exam : SIXTH SEMESTER CBCS EXAMINATION MARCH 2020  
College : Devamatha College, Kuravilangad  
Programme : B.A Economics Model I  
Subject : Project I - EC6PRT01 Project



Registered students	Marks Entered	Forwarded
47	47	47

Sl No	PRN	Name	Practical External Mark
1	170021001321	AJEESH A B	58
2	170021001322	AKHIL P.MATHEW	67
3	170021001323	ALBIN SEBASTIAN	64
4	170021001324	ALBIN SUNNY	66
5	170021001325	ALVIN AJI JACOB	73
6	170021001326	AMAL SHABU	72
7	170021001327	AMRETHESWARY P RAJU	55
8	170021001328	ANANDHAKRISHNAN ACHARI	72
9	170021001329	ANANDU VINU	71
10	170021001330	ANJU HARIKUMAR	70
11	170021001331	ANJU RAJ P	76
12	170021001332	ANSELNA U	72
13	170021001334	ARKKA P REGHU	63
14	170021001335	ASHAM PAUL	71
15	170021001336	ATHULYA C	68
16	170021001337	FATHIMA ABDULLA	73
17	170021001338	GITHIN PETER	67
18	170021001339	HARISANKAR M	69
19	170021001340	JAMES FRANCIS	57
20	170021001341	JINES THOMAS	71
21	170021001342	JISHNU T P	70
22	170021001343	JISHNU THANKACHAN	57
23	170021001344	JITHIN VIJAYAN	70
24	170021001345	JOHN MATHEW KARODAN	71
25	170021001346	JOIES JOY	70
26	170021001347	KARTHIK T O	73
27	170021001348	KAVYA SABU	68
28	170021001349	KEERTHANA A R	72
29	170021001350	KRISHNAVENI P U	71
30	170021001351	LAKSHMIKUTTY J A	69
31	170021001352	LINCE M PHILIP	70
32	170021001354	MANU KURIAN	71



Mahatma Gandhi University, Kottayam, Kerala  
Practical External

SIXTH SEMESTER CBCS EXAMINATION MARCH 2020

Devamatha College, Kuravilangad

Name : B.A Economics Model I

Project I - EC6PRT01:Project



Roll No	Name	Score
170021001355	MUBEENA C M	Absent
170021001356	NABITHA KURIAKOSE	67
170021001357	NIKHIL JOY	72
170021001358	PAULSON PAUL	69
170021001359	PINKY MATHEW	68
3 170021001360	RADHIKA SANTHOSH	71
9 170021001361	RESHMA SURESH	68
10 170021001362	SANDRA GOPAL	62
41 170021001363	SANDRA P S	66
42 170021001364	SARU BABU	68
43 170021001365	SAYANA P MANI	68
44 170021001366	SHUHAIB ISMAIL	70
45 170021001367	SNEHA GIGI	65
46 170021001369	SWATHY C S	66
47 170021001370	UNNIMAYA MANOJ	70

Passed students	Failed students
46	01

Signature of the HOD

Dr. Elsamra Joseph



Signature of the Principal/Chief Superintendent

Deva Matha College  
Kuravilangad - 686 633

